DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1034-X

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as
An Exploration application.
Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To: P.E. Div. (Copper) Date 11/19/51

To: 1. Johnson, CH. Date 11-24-51

To: 2. Nelson, Med (QS) Date

To: 3. Operating Comm. Room #3610 Date

To: 4. Administrator Date

To: 5. Reports & Records Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

DO NOT DETACH

CONTROLLED DOCUMENT

DMA- 10347

Note: Only 2 copies of Application & 2 copies of Field Report received in D.M.E.A. One copy of each placed in D.M.E.A. File. (Nov. 29 '51)

Ernest Wm. Ellis

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

FILE CO
SURNAME:

Ellis
Johnson-m
Nelson
Thayer
Moore
Feldman
Mittendorf

AIR MAIL

DEC 4 1951

Mr. Miles [illegible] Cughill
1331 [illegible] Street
Sacramento, California

Re: Docket No. DM[illegible]-1034, (Copper)

Dear Mr. Cughill:

Your application for an exploration contract on copper in Plumas County, California has been reviewed in this office.

In the light of all the data available there is insufficient evidence which could be considered indicative of the probability of making a significant discovery of copper ore important to the National Defense. Under the circumstances your application for an exploration contract to the extent of 50% of 20,000 is denied.

If future work at your property reveals evidence which might materially alter this opinion rest be assured we will be glad to consider a new application.

Sincerely yours,

C. O. Mittendorf (for) 12-4

Acting Administrator
Defense Minerals Exploration
Administration

EWEllis/jem
11-29-51
cc to: Adm. Reading File
Reports & Records
Docket
Messrs. Mittendorf
Johnson, C. H.
Nelson, Ned
Ellis
Field Team, Miller, Reg. III (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

November 29, 1951

MEMORANDUM

To: Reports & Records - DMEA

From: Ernest Wm. Ellis, Mining Engineer - DMEA

Subject: DMA-1034X, Miles W. Edghill
1331 T. Street, Sacramento, Calif.
Commodity - Copper
Amount $20,000 - Government 50%

Denial recommended because:

The geologic evidence is such as to indicate the improbability of making a significant discovery of copper essential to National Defense.

Attached: One copy of application and final report to Rep. & Rec. file.

Ernest Wm. Ellis
Ernest Wm. Ellis

Approved

C O Mittendorf
Acting Administrator
DMEA

400

FILE COPY
SURNAME:

Ellis
Johnson
Nelson
Moon

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

November 29, 1951

MEMORANDUM

To: Reports & Records - DMEA

From: Ernest Wm. Ellis, Mining Engineer - DMEA

Subject: DMA-1034X, Miles W. Edghill
1331 T. Street, Sacramento, Calif.
Commodity - Copper
Amount $20,000 - Government 50%

Denial recommended because:

The geologic evidence is such as to indicate the improbability of making a significant discovery of copper essential to National Defense.

Attached: One copy of application and final report to Rep. & Rec. file.

J.H. 12-4

Ernest Wm. Ellis

Approved

C. O. Mittendorf (for)
Acting Administrator
DMEA

EWEllis/jem
cc to: Adm. Reading File
Reports & Records
Docket
Messrs. Mittendorf
Johnson, C. H.
Nelson, Ned
Ellis

OFFICE OF THE ADMINISTRATOR

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. NOV 13 2 15 PM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Office of
Executive Officer
DMA Field Team
Region III

November 6, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Docket DMA-1034X - The Union Copper Property, Plumas County, California

Reference is made to your "Review of Application for Exploration Assistance", dated October 1, 1951.

Attached are four copies of a report, "DMA-1034X, The Union Copper Property, Plumas County, California", by W. T. Benson, mining engineer, U. S. Bureau of Mines, dated October 24, 1951.

According to the examining engineer, the mineralized sections on the property are small and unimpressive. The largest lens developed is too small and not high enough in grade to be profitably worked. Other small silicified areas exposed on the property are too sparsely mineralized to warrant development. The ore exposed on the ground is not of shipping grade and it is doubtful if sufficient ore could be developed on the property to warrant the construction of the mill. As there is little possibility of developing ore sections that could be profitably mined on the Union Copper property in Plumas County, California, the loan application is not recommended.

The docket and correspondence relating to it are returned herewith.

H. C. Miller
Executive Officer
DMA Field Team, Region III

Attachments

Copy to: E. H. Bailey, USGS

(Supplement)

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
NOV 13 3 15 PM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-1034X, The Union Copper Property

Plumas County, Calif.

W. T. Benson, Mining Engineer
U. S. Bureau of Mines

October 24, 1951

(Supplement)

DOCKET DMA-1034X

UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF MINES

THE UNION COPPER PROPERTY
Plumas County, Calif.

For the purpose of inspection, the Union Copper property, 16 miles southeast of Quincy, Plumas County, Calif., was visited October 18, 1951 by an engineer[1] of the Bureau of Mines in connection with a request for exploration assistance under docket DMA-1034X.

Previously the property was examined and reported on by an engineer[1] of the Bureau of Mines November 11, 1947.

Resulting from the preliminary examination, it was determined the copper mineralization occurs in a schist belt 100 to 200 feet wide and 4,000 feet in length. Near the base of this belt, there are small sections that have been locally folded and broken. In these folded and broken areas, small sections have been considerably altered and silicified, and in these areas copper, as malachite with occasional small flecks of pyrite and chalcopyrite, occurs as irregular small lenses and pods.

The largest mineralized section observed is located on Union Creek about half way up the east slope of the hill. In surface dimension it is about 40 feet long, 8 to 10 feet thick in the widest part and pinching out on the ends. It strikes with the formations and dips at a low angle into the hill. In this area the gangue is silicified schist.

1/ W. T. Benson.

Within the schist belt, there are barren small lenses of quartz and other small silicified areas that show only traces of copper and iron mineralization.

In addition to several shallow surface cuts on small quartz outcrops near the base of the schist belt, the principal working consists of a 60-foot adit and an inclined winze 20 feet deep at the face of the adit.

In this working, a reserve block of 650 tons averaging about 2.9% copper is indicated in a block 40 feet long, 20 feet wide, and 10 feet thick. This material is not sufficiently high in grade to be profitably mined and shipped.

Recently a poor truck road has been built to a point on Dixon Creek about a quarter of a mile north of the schist belt. About 3/4 of a mile of new road is necessary to reach the development openings on Union Creek. Work on the road was stopped about two months ago.

No recent work has been done on the mineralized sections which were known and exposed prior to 1947.

The mineralized sections on the property are small and unimpressive. The largest lens developed is too small and not high enough in grade to be profitably worked. Other small silicified areas exposed on the property are too sparsely mineralized to warrant development. The ore exposed on the property is not of shipping grade and it is doubtful if sufficient ore could be developed on the property to warrant the construction of a mill. Since there is little possibility of developing ore sections that could be profitably mined, the loan application is not recommended by the Bureau of Mines.

310 FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Edward Bowen
Thayer Moon

OCT 1 1951 A.E.C.

Mr. Miles V. Rudall
1331 T Street
Sacramento, California

Re: Docket No. [illegible]-1014X

Dear Mr. Rudall:

This is to inform you that your application for aid for an uranium project has been referred to the field team for further study. You will hear from Mr. H. C. Miller, Executive Officer, DMA Field Team Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, or one of his staff when they are ready to visit your property.

Very truly yours,

SIGNED S.F. 10-1

Ben Lyon, Director
Supply Division

Attachment
10/2/51

Copy to: Adm. Reading File
Executive Officer, Region III
Coordinating Committee
J.D.Gowen
J.MacLaren
Files - DMA Docket

OCT 1

Mr. H. C. Miller
1012 Flood Building
870 Market Street
San Francisco 2, California

[illegible]

[illegible] Application for Radiation Allocation

[illegible]

[illegible] 1034X

[illegible] Copper

[illegible] Mr. Miles W. Edghill, 1331 T. Street,
Sacramento ~~San Francisco~~, California

[illegible]
Coordinating Committee

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
NOV 13 3 16 PM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

Mr. H. C. Miller
1012 Flood Building
870 Market Street
San Francisco 2, California

OCT 1 1951

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. 1034X

Commodity Copper

Applicant Mr. Miles W. Edghill, 1331 T. Street, ~~San Francisco,~~ Sacramento, California

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Tom Lyon

Chairman
Coordinating Committee

Lowell B. Moon
For the Bureau of Mines

T. P. Thayer
For the Geological Survey

Mr. H. C. Miller
1012 Flood Building
870 Market Street
San Francisco 2, California

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D. C.

1034X

Dear Sir:

Copper

To attach "Review of Application for Exploration Assistance"

on: Mr. Miles W. Edghill, 1331 T. Street,
San Francisco, California

Docket No. _____

Commodity _____

Applicant _____

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Chairman
Coordinating Committee

For the Bureau of Mines

For the Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1034X

Commodity Copper

Total Amount $20000

Govt. Participation

1. Name and Address of Applicant Miles W Edghill
1331 T Street, Sacramento, Calif.

2. Location of Property Union Group, 5 unpatented claims in T. 23N., R. 10E., Plumas County Calif.

3. Mineral or metal Copper Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor ✓ Based on US BM Rept. 1947

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Yes

Does the lease have sufficient time to run to cover a future productive period? Yes

*question numbers are those of MF-103

Exhibit A.

Exploration Project.

Applicant proposes to build three-fourths mile of road, drive a 200-foot tunnel, build a change room and an office.

Summary of Costs.

Labor	5510
Supervision	1600
Construction of Buildings	1000
New Equipment	6250
Supplies	2000
Rental of Bulldozer	2400
Total Cost	18760.

Fixtures and Improvements

Existing facilities — none

Buildings to be constructed:

1 change room	$500
1 office	500
Total	$1000

Operating equipment

To be rented:

1 Bulldozer, 120 days at $25.00 per day $2400

Exhibit A cont. 1034X

Equipment to be purchased

1 ore car	$50
600' rails	200
1 compressor	6000
Total	$6250

Equipment to be furnished by operator - none

Labor and supervision

2 miners @ 1.50/hr, 120 days (960 hrs)	$2880
2 muckers @ 1.37/hr " " "	1630
Total labor	5510

Supervision - 1 Supt @ $400/mo $1600

Rehabilitation and Repairs - none

Supplies

Powder	$1000
Fuel	$1000
Total	$2000

7. Are subordination agreements necessary? Yes

a) MF-201? _____

b) MF-202 ✓

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies To be purchased
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Needs 3/4 mile access road.

d) Water (question 13)* available

e) Power (question 13)* no problem

Is a field check needed on any of these points? no

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* _____

Is a field check needed on this point? Yes if approved

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? no

If not, are there sufficient data given so that you can describe the project? Yes If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? a poor sketch - not sufficient

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? ~~No~~ Yes from TPT

If not, what part of it is? ~~All excepting 3/4 mile access road and repair of present road.~~

Is this part a worthwhile exploration project? Do not know

d) Are the cost estimates detailed? Not sufficiently

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? Appear to be

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)* Cost of road work necessary to move equipment in should be checked.

a) Is it applicable? Yes

b) If so, are sufficient data furnished? Yes If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? All but g

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? necessity for purchase of compressor questioned. Might be rented for less.

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? Appears to be

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes. Ratio of total expenditure to actual exploration (200' tunnel) appears excessive. Project does not justify $400 supervisor.

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Has any work been done on property since Bensons examination in 1947? Will Field Team concur with above (Benson) report or is an exploration project desirable and feasible?

Reviewed by: J.B. Bowen
C.J. Olson
H.S. Macharon

Date

INT.-DUP. SEC., WASH., D.C. 99009

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1034 X

Commodity Copper

Total Amount $20000

Govt. Participation

1. Name and Address of Applicant Miles W Edghill
1331 T Street, Sacramento, Calif.

2. Location of Property Union Group, 5 unpatented claims in T. 23 N., R. 10 E., Plumas County Calif.

3. Mineral or metal Copper Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor ✓ Based on USBM Rept. 1947

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Yes

Does the lease have sufficient time to run to cover a future productive period? Yes

*question numbers are those of MF-103

Exhibit A

Exploration Project

Applicant proposes to build three-fourths mile of road, drive a 200 foot tunnel, build a change room and an office.

Summary of Costs

Labor	5510
Supervision	1600
Construction of Buildings	1000
New Equipment	6750
Supplies	2000
Rental of Bulldozer	2400
Total Cost	18760

Fixtures and Improvements

Existing facilities - none

Buildings to be constructed:

1 change room	$500
1 office	500
Total	$1000

Operating equipment

To be rented:

1 Bulldozer, 120 days at $25.00 per day $2400

Exhibit A cont. 1034x

Equipment to be purchased

1 ore car	$50
600' rails	200
1 compressor	6000
Total	$6250

Equipment to be furnished by operator. none

Labor and supervision

2 miners @ 1.50/hr, 120 days (960 hrs)	$2880
2 muckers @ 1.37/hr " " "	1630
Total labor	5510

Supervision - 1 Supt @ $400/mo $1600

Rehabilitation and Repairs - none

Supplies

Powder	$1000
Fuel	$1000
Total	$2000

7. Are subordination agreements necessary? Yes

a) MF-201? _____

b) MF-202 ✓

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies To be purchased
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Needs 3/4 mile access road

d) Water (question 13)* available

e) Power (question 13)* no problem

Is a field check needed on any of these points? no

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* _____

Is a field check needed on this point? Yes if approved

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? no

If not, are there sufficient data given so that you can describe the project? Yes If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? a poor sketch - not sufficient

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? No.

If not, what part of it is? All excepting 3/4 mile access road and repair of present road.

Is this part a worthwhile exploration project? Do not know

d) Are the cost estimates detailed? Not sufficiently

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? Appear to be

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes
Cost of road work necessary to move equipment in should be checked.

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? Yes If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? All but g

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? necessity for purchase of compressor questioned. Might be rented for less.

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? Appears to be

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes. Ratio of total expenditure to actual exploration (200' tunnel) appears excessive. Project does not justify $400 supervisor.

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Has any work been done on property since Parsons examination in 1947? Will Field Team concur with above report or is an exploration project feasible?

Reviewed by: J B Cowan

C J Lum

D R Lachman

Date

INT.-DUP. SEC., WASH., D.C. 99009

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

June 18, 1951

Mr. Miles W. Edghill
1331 T Street
Sacramento, California

Subject: DMA-1034X
Re: Exploration Loan
Copper Queen

My dear Mr. Edghill:

Receipt is acknowledged of your application and attachments of May 29, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1034X and was referred to Mr. J. B. Gowen, Chief, Copper Branch on June 11, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1034X.

Sincerely yours,

LANDON F. STROBEL
jp

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
>Files
Gowen
Lyon

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

April 30, 1951

Re: Docket No. DMA-1034

Mr. Miles W. Edghill
1331 T Street
Sacramento, California

Dear Mr. Edghill:

The Copper Branch of the Defense Minerals Administration has studied the information you submitted on your property, the Copper Queen Mine and have concluded that it is in an exploratory stage.

For your information we are enclosing a copy of a press release dated April 11, 1951 which explains the exploration program that is now in effect. If after studing this information you would like to file an application for exploration aid we would gladly send you the necessary forms.

We wish to thank you for your interest in the copper program.

Very truly yours,

J. B. Gowen

J. B. Gowen, Acting Chief
Copper Branch, DMA

Enclosure

JWAlt:bsl

Copy to: Executive Secretary
Copper Commodity Committee
Files

dma 1034 X

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Region III

1415 Appraisers Bldg.
630 Sansome Street
San Francisco 11, Calif.

May 31, 1951

Memorandum

To: Defense Minerals Administration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Application for Aid for an Exploration Project

The attached application was received in this office on May 31, 1951.

Applicant: Miles W. Edghill
1331 T Street
Sacramento, California

Date of Application: May 29, 1951

Estimated Cost: $20,000

Mineral or Metal: Copper

Percentage of Government Participation: $10,000

Location of Mine: Quincy, California

H. C. Miller
Executive Officer, DMA Field Team
Region III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5-1951
LANDON F. STROBEL
Executive Secretary

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTER R
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1034 X

Date received 6-5-51

Participation

Miles W. Edghill
1331 T Street

Sacramento, California

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
MAY 31 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date May 29, 1951

FILL IN THIS BLOCK

Date of application May 29, 1951

Estimated cost $20,000

Mineral or metal Copper

Percentage of Government participation $10,000

Location of mine Quincy, California

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.

*5. Are you the owner or the lessee of the property? Lessee

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. none

7. If lessee, attach a copy of the lease and state if it is in good standing Good standing

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. none

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. former Union Group, Present Copper Queen

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. none

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production: none

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) non-operating

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Copper, Gold&Silver

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. 4 months $20,000

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Copper Queen Mining Company
(Name of company)

By _____
(Signature of authorized official)

May 29, 1951
(Date)

Partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

3. Milo H. Highfill, [illegible] T, Street Sacramento, California
Edward E. Floyd, Jackson, California.
R. G. Rush, 5116 N. Willis Blvd., Portland, Oregon

4. Milo H. Highfill was store manager for the Keyting Pacific Co. of Portland, Oregon for sixteen(16) years, operated up li nce stores for himself for several years and is now district manager for the Lost Disinfecting Company of Sacramento, California.
Edward E. Floyd has operated and managed mines for the past 35 years at Jackson California, Idaho and Lost m. Opened and operated old Boston Copper Mine at Lone California.
R. G. Rush managed stores for the Keyting Pacific Company of Portland, Oregon for several years, owned and operated Machinery business, Distributorship business, and Radio Stores.

12. Property is approximately 13½ miles from Quincy California. Fourteen miles from Greenville, 1½ miles from county road. Fourteen miles from shipping point, Quincy California. County road is maintained and in fair condition.

13. Ample water supply in Dixion Creek all year. Power will be Diesel and Gas; amount cannot be accurately determined.

15. Ore can be shipped via Western Pacific Railroad; Milled and smelted by American Mining and Smelting Company of Salt Lake City Utah.

16. Assessment work only including 50 foot tunnel.

21. Build three fourths mile road. Drive 100 foot tunnel. Build change room. Four Months to complete.

22. Value of ore body are Gray Schist, Slates and serpentine formation.

23. 2 miners @ $1.50 per hour; 2 miners @ $1.7 per hour;
1 supervisor $150.00 per month; 1 change room $300.00;
1 office building $500.00; 1 ore car $80.00; 600. ft rails $300.00; 1 compressor $3,000.

(g). 1 Bulldozer $ 25.00 per day.
Powder $1,000
Diesel and gas fuel $1,000.

REPORT OF COPPER QUEEN MINE
By Edward Bloyd

Location of the Copper Queen Mine is in Goodwin Township, section 23, Plumas County, California.

The Copper Queen Mine consists of five claims, running parallel to the Lode. It was discovered in 1922 by W. C. Cartwright, the famous Mineralogist of his day, and recommended by him to be one of the greatest and largest copper deposites in northern California. He had started to make plans for operations, but became ill and passed away in the latter part of 1922. There fore, the property has been idle until we happened on to it through friends.

I have examined this property thoroughly, and would recommend it very highly. I have traced the ore deposit, over the top of the mountain, which is 1200 feet high from the tunnel site of the mine, and is 4500feet through, by survey. There are three very prominent ledges exposed, and also a tunnel which cross-cuts these three ledges on the Union Creek side of the mountain exposing three ledges of copper gold, and silver ore. The first ledge in the mouth of the tunnel is 4' in width, the next on 30", and the hanging wall ledge is 36". The deposit is located in chist and surpentine belt.

The famous Walker Mine is in the same district, and produced several million dollars, and near are several other large producing mines

It is almost impossible to give all the merits of the Copper Queen mine. There is an ample supply of water to set up and electrify all operations needed. There are beautiful mill and cabin sites, plenty of tailing room for mill tailings, and an ample supply of red fir mining timber.

This mine is loacted within fourteen miles of a railroad, and one mile of well traveled road. There is one mile of road being built at the present time into the property, and a tunnel is being faced off.

This property is one of the best I have seen in my twenty-five years of experience, and I have recommended and opened up several different properties. I opened up and operated the old Newton copper mine in Amador County Califo. in 1942. It produced a million and a half dollars in five years of operation.

I have worked and operated mines in Canada, Idaho, Montana, Colorado Arizona and California. I have been in California since 1938.

I have recommedations from Mr. William Tan of Jackson, California and also from Spinette Bros. of Jackson, Calif. I have also worked for the Bradley Bros. of the Copper Hill mine in Plymouth, California and the S. and R. mining Co. of Vallejo, California.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1034 X

Date received 6-5-51

Participation

Miles W. Edghill
1331 T Street
Sacramento, California

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
MAY 31 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date May 29, 1951

FILL IN THIS BLOCK

Date of application May 29, 1951

Estimated cost $20,000

Mineral or metal Copper

Percentage of Government participation $10,000

Location of mine Quincy, California

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property? lessee
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. none
7. If lessee, attach a copy of the lease and state if it is in good standing Good Standing

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. none

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. former Union Group, Presnt Copper Queen

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. none

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

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*17. Production: none

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
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(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) non-operating

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(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Copper, Gold&Silver

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

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(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. 4 months $20,000

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Copper Queen Mining Company
(Name of company)

By _____
(Signature of authorized official)

May 29, 1951
(Date)

Partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

3. [illegible] Pine S. Street [illegible], California
[illegible] Joyce, Jr., [illegible]
[illegible] Ore H. [illegible] Blvd., Portland, Oregon

4. [illegible] for the Layton Traffic Co. of Portland, Oregon for eighteen(18) years, operated in all [illegible] for himself for [illegible] years and is now district manager for the Coast Transporting Company of [illegible], California. [illegible] Layton has operated and managed [illegible] for the past 18 years of [illegible], [illegible] Oregon and operated the Portland Copper Mine at Iron [illegible].
U. S. Indemnity stamps for the Light Traffic Company of Portland, Oregon for several years, which [illegible] Company business, [illegible] and [illegible].

5. Property is up south only 12 miles from Tulare County [illegible]. Road is [illegible] good condition, 1 mile from county [illegible]. Fourteen miles from our [illegible] point, this [illegible] County [illegible] to make [illegible] in fair condition.

6. [illegible] supply in Madera [illegible] year. [illegible] Grey [illegible] be [illegible].

7. One [illegible] of the Corona Double [illegible] [illegible] by [illegible] Ferry in [illegible] of [illegible] City U. S.

8. [illegible] only [illegible] 10 [illegible] years.

9. [illegible] Double [illegible] 100 foot [illegible]. [illegible] [illegible]. [illegible] [illegible].

10. [illegible] of one lady and [illegible] [illegible] [illegible] [illegible].

11. [illegible] $1.10 per [illegible]; 2 [illegible] $1.7 per [illegible]
1 [illegible] $1.00 per [illegible]; 1 [illegible] [illegible]
1 office building [illegible]; 1 [illegible] [illegible]; [illegible] 16 [illegible]
[illegible]; 1 [illegible] [illegible].

(b). 1 [illegible] $0.00 per [illegible].
[illegible] $1,[illegible]
[illegible] one [illegible] $1,000.

REPORT OF COPPER QUEEN MINE
By Edward Bloyed

Location of the Copper Queen Mine is in Goodwin Township, section 23, Plumas county, California.

The Copper Queen Mine consists of five claims, running parallel to the Lode. It was discovered in 1922 by W. C. Cartwright, the famous Mineralogist of his day, and recommended by him to be one of the greatest and largest copper deposites in northern California. He had started to make plans foroperations, but became ill and passed away in the latter part of 1922. Therefore, the property has been idle until we happened on to it through friends.

I have examined this property thoroughly, and would recommend it very highly. I have traced the ore deposit, over the top of the mountain, which is 1200 feet high from the tunnel site of the mine, and is 4500 feet through, by survey. There are three very prominent ledges exposed, and also a tunnel which cross-cuts these three ledges on the Union Creek side of the mountain wxposing three ledges of copper, gold, and silver ore. The first ledge in the mouth of the tunnel is 4' in width, the next on 30", and the hanging wall ledge is 36". The deposit is located in chist and surpentine belt.

The famous Walker Mine is in the same district, and produced several million dollars, and near are several other large producing mines.

It is almost impossible to give all the merits of the Copper Queen Mine. There is an ample supply of water to set up and electrify all operations needed. There are beautiful mill and cabin sites, plenty of tailing room for mill tailings, and ample supply of red fir mining timber.

This mine is located within fourteen miles of a railroad, and one mile of well traveled road. There is one mile of road being built at the present time into the property, and a tunnel is being faced off.

This property is one of the best I have seen in my twenty-five years of experience, and I have recommended and opened up several different properties. I opened up andoperated theold Newton copper mine in Amador County Califo. in 1942. It produced a million and a half dollars in five years of operation.

I have worked and operated mines in Canada, Idaho, Montana, Colorado, Arizona and California. I have been in California since 1938.

I have recommendations from Mr. William Tan of Jackson, Cali., and also from Spinette Bros. of Jackson, Calif. I have also worked for the Bradley Bros. of the Copper Hill mine in Plymouth, Calif. and the S. and H. mining Co. of Vallejo, California.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1034X

Date received 6-5-51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION IX
RECEIVED
MAY 31 1951
SAN FRANCISCO, CALIFORNIA

Miles W. Edghill
1331 T. Street
Sacramento, California

Name and address of applicant

Date May 29, 1951

FILL IN THIS BLOCK

Date of application May 29, 1951

Estimated cost $20,000

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine Quincy, California

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.

*5. Are you the owner or the lessee of the property? Lessee

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. none

7. If lessee, attach a copy of the lease and state if it is in good standing. Good Standing

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

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16—64067-1

THE PROPERTY

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*11. State the present and former names of the property, if any. Former Union Group, Present Copper Queen

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. none

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

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*17. Production: none

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(*a*) Describe the ore or mineral deposits briefly.

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(*c*) Give estimated tonnage and grade of each class of ore reserves.

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22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

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(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. 4 months, $20,000

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Copper Queen Mining Company
(Name of company)

By _____
(Signature of authorized official)

May29, 1951
(Date)

Partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

2. Miles W. Edghill, 1561 T, Street Sacramento, California
Edward E. Bloyed, Jackson, California.
R. C. Rush, 5116 N. Willis Blvd., Portland, Oregon

4. Miles W. Edghill was store manager for the Maytag Pacific Co. of Portland, Oregon for sixteen(16) years, operated appliance stores for himself for several years and is now district manager for the West Disenfecting Company of Sacramento, California. Edward E. Bloyed has operated and managed mines for the past 25 years at Jackson California, Idaho and Montana. Opened and operated old Newton Copper Mine at Ione California. R. C. Rush managed stores for the Maytag Pacific Company of Portland, Oregon for several years, owned and operated Machinery business, Buildingmaterial business, and Radio Stores.

12. Property is approximately 16½ miles from Quincy California. Fourteen miles from railroad, 1½ miles from county road. Fourteen miles from shipping point, East Quincy California. County road is maintained and in fair condition.

13. Ample water supply in Dixion Creek all year. Power will be Deisel and Gas; amount cannot be accurately determined.

15. Ore can be shipped via Western Pacific Railroad; Milled and smelted by American Mining and Smelting Company of Salt Lake City Utah.

16A. Assessment work only including 30 foot tunnel.

21. Build three fourths mile road. Drive 200 foot tunnel. Build change room. Four Months to complete.

22. Walls of ore body are Grey Schist, diorite and serpentine formation.

23. 2 miners @ $1.50 per hour; 2 muckers @ $1.37 per hour; 1 supervisor $400.00 per month; 1 change room $500.00; 1 office building $500.00; 1 ore car $50.00; 600. ft rails $300.00; 1 compressor $6,000.

(g). 1 BullDozer @ $25.00 per day.
Powder [illegible]000
Deisel and gas fuel $1,000.

REPORT OF COPPER QUEEN MINE
By Edward Bloyed

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The Copper Queen Mine consists of five claims, running parallel to the Lode. It was discovered in 1922 by W. C. Cartwright, the famous Mineralogist of his day, and recommended by him to be one of the greatest and largest copper deposites in northern California. He had started to make plans foroperations, but became ill and passed away in the latter part of 1922. Therefore, the property has been idle until we happened on to it through friends.

I have examined this property thoroughly, and would recommend it very highly. I have traced the ore deposit, over the top of the mountain, which is 1200 feet high from the tunnel site of the mine, and is 4500 feet through, by survey. There are three very prominent ledges exposed, and also a tunnel which cross-cuts these three ledges on the Union Creek side of the mountain wxposing three ledges of copper, gold, and silver ore. The first ledge in the mouth of the tunnel is 4' in width, the next on 30", and the hanging wall ledge is 36". The deposit is located in chist and surpentine belt.

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This property is one of the best I have seen in my twenty-five years of experience, and I have recommended and opened up several different properties. I opened up andoperated theold Newton copper mine in Amador County Califo. in 1942. It produced a million and a half dollars in five years of operation.

I have worked and operated mines in Canada, Idaho, Montana, Colorado, Arizona and California. I have been in California since 1938.

I have recommendations from Mr. William Tan of Jackson, Cali., and also from Spinette Bros. of Jackson, Calif. I have also worked for the Bradley Bros. of the Copper Hill mine in Plymouth, Calif. and the S. and R. mining Co. of Vallejo, California.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

April 30, 1951

Re: Docket No. DMA-1034

Mr. Miles W. Edghill
1331 T Street
Sacramento, California

Dear Mr. Edghill:

The Copper Branch of the Defense Minerals Administration has studied the information you submitted on your property, the Copper Queen Mine and have concluded that it is in an exploratory stage.

For your information we are enclosing a copy of a press release dated April 11, 1951 which explains the exploration program that is now in effect. If after studing this information you would like to file an application for exploration aid we would gladly send you the necessary forms.

We wish to thank you for your interest in the copper program.

Very truly yours,

J. B. Gowen

J. B. Gowen, Acting Chief
Copper Branch, DMA

Enclosure

JWAlt:bsl

Copy to: Executive Secretary
Copper Commodity Committee
Files

Mittendorf File (P.E.D.)

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1034X

Date received 6-5-51

Participation (To be Declined)

Miles W. Edghill
1331 T Street

Sacramento, California

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
MAY 31 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date May 29, 1951

FILL IN THIS BLOCK

Date of application May 29, 1951

Estimated cost $20,000

Mineral or metal Copper

Percentage of Government participation $10,000

Location of mine Quincy, California

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.

*5. Are you the owner or the lessee of the property? Lessee

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. Good standing

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. none

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. former Union Group, Present Copper Queen

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. none

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production: none

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.) non operating

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Copper, Gold/ and Silver

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. 4 month, $20,000

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Copper Queen Mining Company
(Name of company)

By _____
(Signature of authorized official)

May 29, 1951
(Date)

Partner.
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

2. Miles W. Edghill, 1331 T, Street Sacramento, California
Edward E. Bloyed, Jackson, Califonnia.
R. C. Rush, 5116 N. Willis Blvd., Portland, Oregon

4. Miles W. Edghill was store manager for the Maytag Pacific Co. of Portland, Oregon for sixteen(16) years, operated appliance stores for himself for several years and is now district manager for the West Disenfecting Company of Sacramento, California. Edward E. Bloyed has operated and managed mines for the past 25 years at Jackson California, Idaho and Montana. Opened and operated old Newton Copper Mine at Ione California.
R. C. Rush managed stores for the Maytag Pacific Company of Portland, Oregon for several years, owned and operated Machinery business, Buildingmateral business, and Radio Stores.

12. Property is approximately 16½ miles from Quincy California. Fourteen miles from railroad, 1¼ miles from county road. Fourteen miles from shipping point, East Quincy Califonnia. County road is maintained and in fair condition.

13. Ample water supply in Dixion Creek all year. Power will be Deisel and Gas; amount cannot be accurately determined.

15. Ore can be shipped via Western Pacific Railroad; Milled and smelted by American Mining and Smelting Company of Salt Lake City Utah.

16A. Assessment work only including 30 foot tunnel.

21. Build three fourths mile road. Drive 200 foot tunnel. Build change room. Four Months to complete.

22. Walls of ore body are Grey Schist,diorite and serpentine formation.

23. 2 miners @ $1.50 per hour; 2 muckers @ $1.37 per hour; 1 supervisor $400.00 per month; 1 change room $500.00; 1 office building $500.00; 1 ore car $50.00; 600. ft rails $200.00; 1 compressor $6,000.

(g). 1 BullDozer @ $25.00 per day.
Powder $1,000
Deisel and gas fuel $1,000.

REPORT OF COPPER QUEEN MINE
By Edward Bloyed

Location of the Copper Queen Mine is in Goodwin Township, section 23, Plumas County, California.

The Copper Queen Mine consists of five claims, running parallel to the Lode. It was discovered in 1922 by W. C. Cartwright, the famous Mineralogist of his day, and recommended by him to be one of the greatest and largest copper deposites in northern California. He had started to make plans for operations, but became ill and passed away in the latter part of 1922. There fore, the property has been idle until we happened on to it through friends.

I have examined this property thoroughly, and would recommend it very highly. I have traced the ore deposit, over the top of the mountain, which is 1200 feet high from the tunnel site of the mine, and is 4500feet through, by survey. There are three very prominent ledges exposed, and also a tunnel which cross-cuts these three ledges on the Union Creek side of the mountain exposing three ledges of copper gold, and silver ore. The first ledge in the mouth of the tunnel is 4' in width, the next on 30", and the hanging wall ledge is 36". The deposit is located in chist and surpentine belt.

The famous Walker Mine is in the same district, and produced several million dollars, and near are several other large producing mines

It is almost impossible to give all the merits of the Copper Queen mine. There is an ample supply of water to set up and electrify all operations needed. There are beautiful mill and cabin sites, plenty of tailing room for mill tailings, and an ample supply of red fir mining timber.

This mine is loacted within fourteen miles of a railroad, and one mile of well traveled road. There is one mile of road being built at the present time into the property, and a tunnel is being faced off.

This property is one of the best I have seen in my twenty-five years of experience, and I have recommended and opened up several different properties. I opened up and operated the old Newton copper mine in Amador County Califo. in 1942. It produced a million and a half dollars in five years of operation.

I have worked and operated mines in Canada, Idaho, Montana, Colorado A rizona and California. I have been in California since 1938.

I have recommedations from Mr. William Tan of Jackson, California and also from Spinette Bros. of Jackson, Calif. I have also worked for the Bradley Bros. of the Copper Hill mine in Plymouth, California and the S. and R. mining Co. of Vallejo, California.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

(Supplement)

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.
NOV 13 3 15 PM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-1064X, The Paisa Copper Property

Plumas County, Calif.

W. T. Benson, Mining Engineer
U. S. Bureau of Mines

October 24, 1961

(Supplement)

DOCKET DMA-1084X

UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF MINES

THE UNION COPPER PROPERTY
Plumas County, Calif.

For the purpose of inspection, the Union Copper property, 16 miles southeast of Quincy, Plumas County, Calif., was visited October 18, 1951 by an engineer[1] of the Bureau of Mines in connection with a request for exploration assistance under docket DMA-1084X.

Previously the property was examined and reported on by an engineer[1] of the Bureau of Mines November 11, 1947.

Resulting from the preliminary examination, it was determined the copper mineralization occurs in a schist belt 100 to 200 feet wide and 4,000 feet in length. Near the base of this belt, there are small sections that have been locally folded and broken. In these folded and broken areas, small sections have been considerably altered and silicified, and in these areas copper, as malachite with occasional small flecks of pyrite and chalcopyrite, occurs as irregular small lenses and pods.

The largest mineralized section observed is located on Union Creek about half way up the east slope of the hill. In surface dimension it is about 40 feet long, 8 to 10 feet thick in the widest part and pinching out on the ends. It strikes with the formations and dips at a low angle into the hill. In this area the gangue is silicified schist.

1/ W. T. Benson.

Within the schist belt, there are barren small lenses of quartz and other small silicified areas that show only traces of copper and iron mineralization.

In addition to several shallow surface cuts on small quartz outcrops near the base of the schist belt, the principal working consists of a 60-foot adit and an inclined winze 20 feet deep at the face of the adit.

In this working, a reserve block of 650 tons averaging about 2.8% copper is indicated in a block 40 feet long, 20 feet wide, and 10 feet thick. This material is not sufficiently high in grade to be profitably mined and shipped.

Recently a poor truck road has been built to a point on Dixon Creek about a quarter of a mile north of the schist belt. About 3/4 of a mile of new road is necessary to reach the development openings on Union Creek. Work on the road was stopped about two months ago.

No recent work has been done on the mineralized sections which were known and exposed prior to 1947.

The mineralized sections on the property are small and uninpressive. The largest lens developed is too small and not high enough in grade to be profitably worked. Other small silicified areas exposed on the property are too sparsely mineralized to warrant development. The ore exposed on the property is not of shipping grade and it is doubtful if sufficient ore could be developed on the property to warrant the construction of a mill. Since there is little possibility of developing ore sections that could be profitably mined, the loan application is not recommended by the Bureau of Mines.

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1034A

Commodity COPPER

Total Amount $30,000.00

Govt. Participation 10,000.00

Reworker

1. Name and Address of Applicant MILES W EDGHILL
1331 I STREET SACRAMENTO CALIFORNIA

2. Location of Property T11 R23 N R16E Quincy, Plumas County, California

3. Mineral or metal COPPER Is it listed in Section 9 of MO-5? YES

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor ✓ (based on Bureau of Mines report of Nov 1947)

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? YES
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? YES

Does the lease have sufficient time to run to cover a future productive period? YES

*question numbers are those of MF-103

EXHIBIT A

The applicant proposes to build a road 3/4 ft. wide long, [illegible] 200' Tunnel and build a change room

LABOR - 2 miners @ $150/HR. 2 Miners @ $137/HR	
SUPERVISOR @ $400/HR.	$16.00
CONSTRUCTION OF BUILDINGS	1000.00
EQUIPMENT	6250.00
SUPPLIES	2000.00
RENTAL OF BULDOZER @ $25.00/DAY	
	$10850.00

EXHIBIT B

1 CHANGE ROOM	$500.00
1 OFFICE BLDG.	500.00
	$1000.00

EXHIBIT C.

e. 1 ORE CAR	$50.00
600' RAILS	200.00
1 COMPRESSOR	6000.00
	$6250.00
f 1 BULDOZER @ $25.00/DAY	
h POWDER	$1000.00
FUEL - GAS & DIESEL	1000.00
	$2000.00

7. Are subordination agreements necessary? YES

a) MF-201? _____

b) MF-202 YES

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower YES

b) Equipment and supplies To be PURCHASED
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* No - HAS TO BUILD A ROAD 3/4 mile

d) Water (question 13)* YES

e) Power (question 13)* YES

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* ~~No~~ Yes

Is a field check needed on this point? ~~Yes SEE WHO IS GOING TO OPERATE THE PROPERTY~~

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? YES If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? All but road building

If not, what part of it is? Building of Road.

Is this part a worthwhile exploration project? -

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? YES If so, attach a draft.

e) Are the cost estimates reasonable? YES

f) Should more information be requested from applicant? YES NO OF WORK DAYS TO FIGURE RENTAL OF BULDOZER

g) Is a field examination necessary to complete Exhibit A? YES

11. Exhibit B (question 23-d)*

a) Is it applicable? YES

b) If so, are sufficient data furnished? YES If so, attach a draft.

c) Is a field check needed? NO

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? NOT BUT g

b) Sufficient data? NO If so, attach a draft.

c) Are rents and charges reasonable? YES

d) Is a field check needed? YES SEE 10f.

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? YES

c) Is the schedule excessive for the work proposed? YES

d) Are the proposed wages and salaries reasonable? DON'T NEED A PROJECT SUPERVISOR FOR THIS PROJECT

e) Is a field check needed? YES - How many work days per week and hours per day

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? YES

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? The costs presented do not total the amount requested. Requirements for equipment & construction presented in letter of April 19, 1945 do not correspond to those in answer to form NF-103.

On basis of Bureau of Mines report, recommend denial

Reviewed by: [illegible]

[illegible]

Date

97692

TELEPHONE 3-3302

Hand Sample Serial 15078 dmw 1034X

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
A. C. SELBY, Vice-Pres. & Treas.
A. C. SELBY, JR., Secretary
Salt Lake City 11, Utah

Mine A.S. & R. Co.2395

1331 T St.
MILES W. EDGHILL, COPPER QUEEN MINE, SACRAMENTO, CALIF.
Feb. 26,1951

RESULTS PER TON OF 2000 POUNDS

NO.	GOLD Ozs. per Ton	SILVER Ozs. per ton	LEAD Per Cent Wet	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent	VALUE GOLD
	0.010	0.7		3.54								

marks

arges $

ASSOCIATED LABORATORIES

CHEMISTS, BACTERIOLOGISTS, ASSAYERS

2419 S. E. POWELL BOULEVARD

POST OFFICE BOX 2261
EAST PORTLAND STATION
PORTLAND 14, OREGON
PHONE VERMONT 6004

Certificate of Assay

Mr R.C. Rush
5116 N. Willis Blvd
Portland, Ore

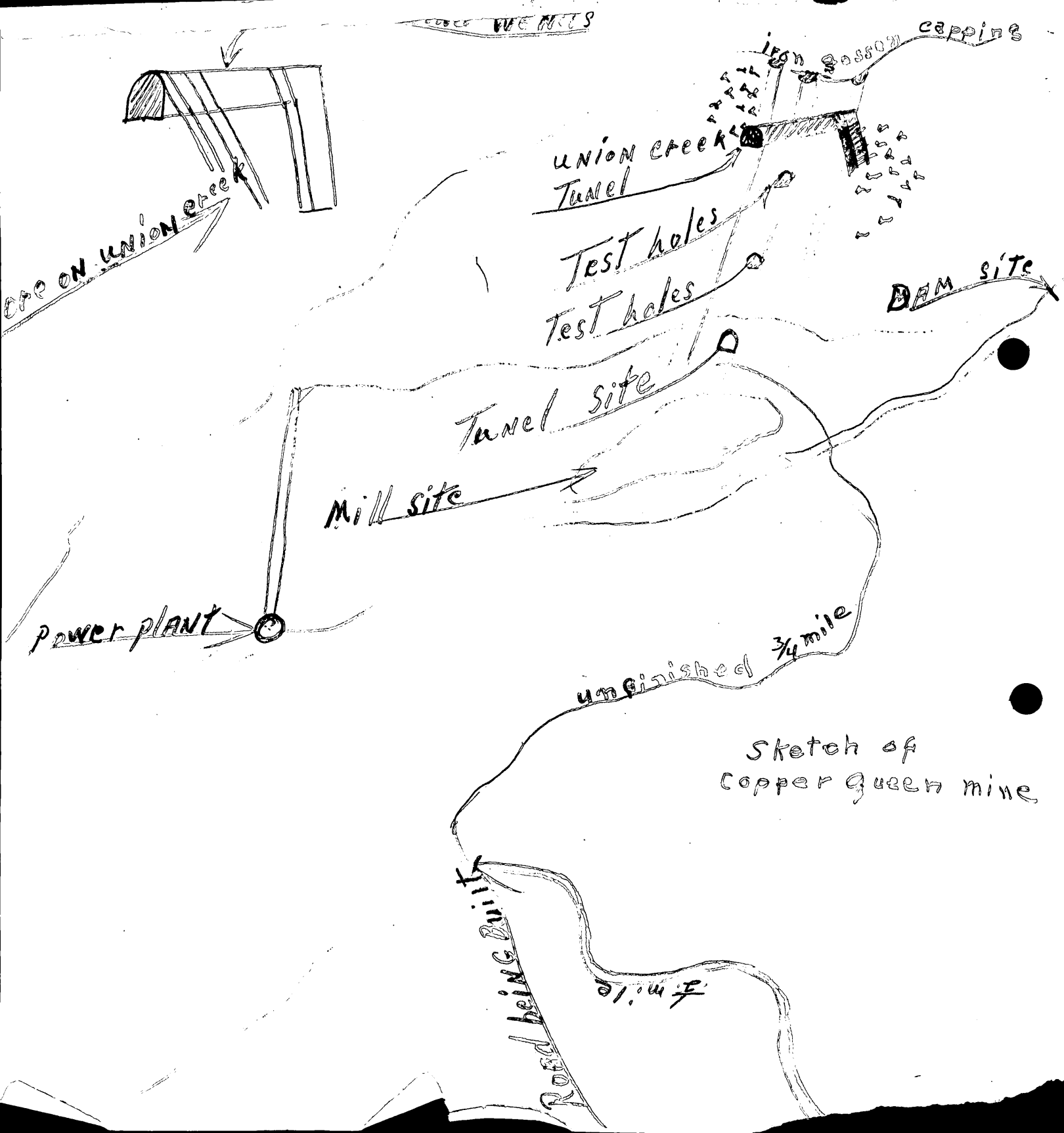
1-31-51

DEAR SIR: THE SAMPLE RECEIVED FROM YOU ASSAYED AS FOLLOWS:

ory	DESCRIPTION	GOLD OZ./TON	GOLD VALUE/TON	SILVER OZ./TON	SILVER VALUE/TON	Copper PER CENT	PER CENT	PER CENT
3364	Mineral Specimen	0.06	$2.10	0.84	$0.76	2.14%	- - - -	- -

Charges:

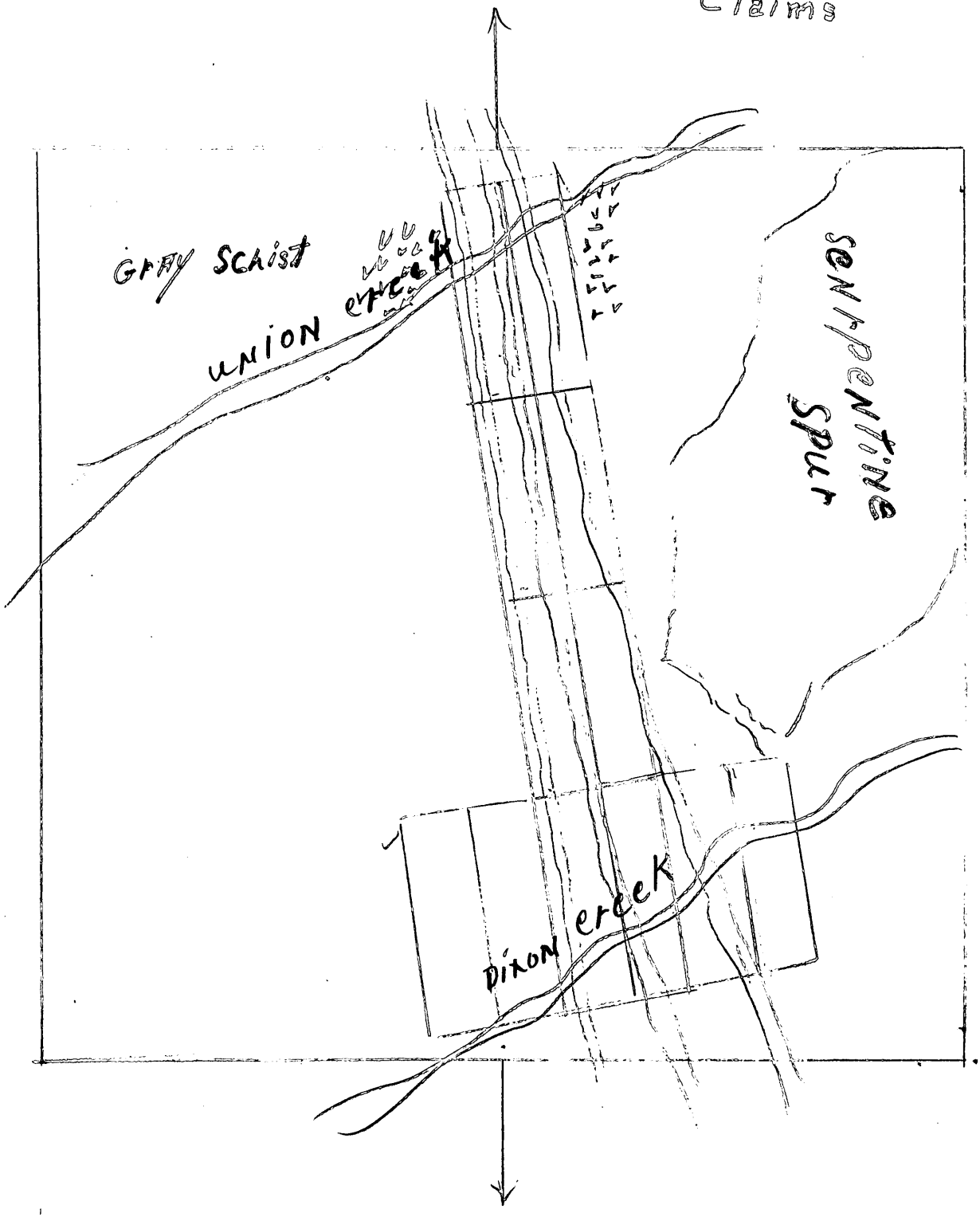
By M O Clayfair



Sketch of copper queen mine

T.T.10E

Sketch of Copper Queen Claims



MINING LEASE AND OPTION

THIS AGREEMENT made this 22 day of January, 1951, by and between FRED WICKSTROM, a widower, hereinafter referred to as Lessor, and MILES EDGEHILL, EDWARD E. BLOYD and ROY C. RUSH, hereinafter referred to as Lessees,

W I T N E S S E T H :

THAT WHEREAS, Lessor is the owner and in possession of certain lode mining claims hereinafter more particularly described; and

WHEREAS, the proper development of the ore bodies contained in said claims, and the proper reduction and treatment of such ore bodies will necessitate the outlay of large sums of money; and

WHEREAS, Lessees are able and willing to furnish the money for such development work, but only under and in accordance with the terms and subject to the conditions hereinafter set forth;

NOW, THEREFORE, the parties hereto agree as follows:

1. Lessor, for and in consideration of the rents, covenants, agreements, payments and royalties hereinafter reserved and by the Lessees agreed to be paid, kept or performed, hereby grants, lets and demises unto Lessees the following described mining properties situate in the Union Mining District in Goodwin Township, Plumas County, California, and more particularly described as follows, to wit:

(a) The "Liberty" quartz claim, the point of discovery of which is located approximately one-quarter (1/4) mile East of the confluence of Dixon Creek and Nelson Creek and which claim is more particularly described as follows:

White, Harber & Schei
ATTORNEYS AT LAW
503 BANK OF AMERICA BUILDING
SACRAMENTO, CAL.
PHONE GILBERT 2-4867

Beginning at the point of discovery running thence 300 feet Southwest, thence 1,300 feet Northwest, thence 600 feet Northeast, thence 1,500 feet Southeast, thence 600 feet Southwest, thence 200 feet Northwest, thence 300 feet Northeast to the point of discovery; notice of which claim was recorded in the office of the County Recorder of Plumas County, California, on December 16, 1940, in Volume 22, Page 379, Plumas County Records;

(b) The "Union Group No. 1" quartz claim, the Northerly boundary of which claim adjoins the Southerly boundary of the "Liberty" claim above described and the point of discovery of which is approximately 1,200 feet Southeast of the point of discovery of said "Liberty" claim, which claim is more particularly described as follows:

Beginning at the point of discovery running thence 300 feet Southwest, thence 1,000 feet Northwest, thence 600 feet Northeast, thence 1,500 feet Southeast, thence 600 feet Southwest, thence 500 feet Northwest, thence 300 feet Northeast to the point of discovery; notice of which claim was recorded in the office of the County Recorder of Plumas County, California, on December 16, 1940, in Vol. 22, Page 379, Plumas County Records;

(c) The "Union Group No. 2" quartz claim, the Northerly boundary of which claim adjoins the Southerly boundary of the "Union Group No. 1" claim above described and the point of discovery of which is approximately 1,300 feet Southeast of the point of discovery of said "Union Group No. 1" claim, which claim is more particularly described as follows:

White, Harber & Schei
ATTORNEYS AT LAW
503 BANK OF AMERICA BUILDING
SACRAMENTO, CAL.
PHONE GILBERT 2-6952

Beginning at the point of discovery running thence 300 feet Southwest, thence 800 feet Northwest, thence 600 feet Northeast, thence 1,500 feet Southeast, thence 600 feet Southwest, thence 700 feet Northwest, thence 300 feet Northeast to the point of discovery; notice of which claim was recorded in the office of the County Recorder of Plumas County, California, on December 16, 1940, in Vol. 22, Page 380, Plumas County Records;

(d) The "Union Group No. 3" quartz claim, the Northerly boundary of which claim adjoins the Southerly boundary of the "Union Group No. 2" claim above described and the point of discovery of which is approximately 700 feet Southeast of the point of discovery of said "Union Group No. 2" claim, which claim is more particularly described as follows:

Beginning at the point of discovery running thence 300 feet Northeast, thence 1,500 feet Southeast, thence 600 feet Southwest, thence 1,500 feet Northwest, thence 300 feet Northeast to the point of discovery; notice of which claim was recorded in the office of the County Recorder of Plumas County, California, on December 16, 1940, in Vol. 22, Page 380, Plumas County Records. Union Creek flows through this claim;

all of which said claims adjoin each other and constitute one parcel of mining ground.

TO HAVE AND TO HOLD said premises for the purpose of searching for, mining, extracting, milling, reducing, treating and preparing ores, metals and minerals of every nature and description, and with the exclusive right to possess and work the same for said purposes, for the term of Thirty (30) years from

White, Harber & Schei
ATTORNEYS AT LAW
505 BANK OF AMERICA BUILDING
SACRAMENTO, CAL.
PHONE GILBERT 2-0667

the date hereof unless sooner terminated as hereinafter provided.

2. Lessees agree to enter upon said premises and to proceed at once to do such exploration work as Lessees deem necessary and thereafter to exert their best efforts and endeavors to mine the property diligently and in a miner-like fashion and in a manner necessary and proper to good and economical mining and so as to take out the greatest amount of ore possible, with due regard to the safety, development and preservation of the same as a workable mine or mines, and to process the ores so extracted in a manner necessary and proper to the economical and expeditious reduction and/or treatment thereof.

3. Lessees agree to work and mine said premises as aforesaid steadily and continuously during the continuance of this lease, and Lessees agree to work at least Thirty (30) man-shifts per month on the property, one man-shift being the labor of one person for eight (8) hours; provided, however, that if the mining of copper on the premises should prove to be unprofitable Lessees shall be entitled to cease operations until such time as copper may be profitably mined.

4. Lessees shall have the right to terminate this lease on giving Thirty (30) days written notice of their intention to terminate to Lessor; and if such notice be given this lease shall terminate on the date specified in said notice.

5. In the event this lease is terminated for any cause Lessees shall have ninety (90) days after the date of termination to remove any and all equipment and personal property belonging to them from the premises.

6. The Lessees agree to permit Lessor or his duly

White, Harber & Schei
ATTORNEYS AT LAW
500 BANK OF AMERICA BUILDING
SACRAMENTO, CAL.
PHONE GILBERT 2-6917

authorized agent or representative at any and all times (a) to enter upon and visit all parts of said leased premises and the mill and its appurtenances erected and maintained thereon for the purpose of taking assay samples and of observing whether the terms of this lease are being fully and faithfully complied with by the Lessees; (b) to take samples from any ores awaiting milling, reduction or treatment; and (c) to have surveys made of the workings whether under or above ground, or both, and the Lessees further agree to furnish Lessor as and when requested by said Lessor, a copy of blueprints of all surveys or maps made by the Lessees, and generally to facilitate in every way such inspection, surveys and samplings, as above provided, and to furnish to the Lessor or his duly authorized agent, when requested, full, true and accurate information not theretofore furnished with regard to the condition of said workings or any part thereof or the quality or character of the minerals therein.

7. Lessees shall bear, pay and discharge all costs and expenses of exploring, developing and mining said property. Lessees agree to keep said premises and every part thereof at all times free and clear of all mechanic's, miners' and/or other labor liens and incumbrances of every other nature and description, and to pay all indebtedness and liabilities incurred by the Lessees which may or might become a lien on said premises before said indebtedness and/or liabilities shall become such lien, and to post and at all times keep posted in some conspicuous place upon the demised premises a notice that the interest of the Lessor therein shall not be subject to any lien for service, labor or material furnished upon or used in connection with this lease or said leased premises by the Lessees,

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said notice to be on behalf of and in the name of the Lessor.

8. Lessees shall pay to Lessor by way of rental for the use and occupation of said premises a royalty of Ten per cent (10%) of the net amount received by Lessees from any smelter or mint to which ores removed from the property are sent for processing. In the event Lessees should themselves process any of the ores removed from the property, they shall pay to Lessor Ten per cent (10%) of the net amount realized from such ores, such net amount to be the difference between the gross sales value of said ores and the cost to Lessees of processing same. Costs of exploration and of extracting said ores from the ground shall not be considered in computing such net amount.

9. All sums hereinbefore required to be paid by Lessees to Lessor on account of rent or royalties shall be paid on or before the 10th day of the month following the month in which Lessees realize income from the ore which they have removed from the property; and each such payment shall be accompanied by a statement showing the amount of such receipts, the amount of any expenses incurred by Lessees in processing the ores and the amount due and payable to Lessor.

10. Lessees shall keep proper books of account showing all receipts from ores removed from said property and also showing all disbursements made in connection with the development of said property, and said books of account, together with Lessees' copies of all smelter sheets, mint slips, and other records, statements or invoices received from persons to whom ore removed from the property is sent for processing shall be open to the examination of Lessor, his agent, servants or attorneys at all reasonable times and Lessor, his agents,

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servants, or attorneys shall have the right to copy certain books and records or any portion thereof.

11. Lessees agree to assume all responsibility for and to save Lessor harmless from any and all accidents to themselves or any of their employees, sub-lessees, licensees, agents, associates or visitors upon the demised premises and to post and at all times keep posted at the main working upon the premises hereby leased, a conspicuous notice in the name of and on behalf of the Lessor, stating in substance that the Lessor will not be liable for damages on account of any such accident or accidents.

12. Lessees agree that all their operations under this lease shall be conducted so as to fully comply in every respect with the laws of the State of California.

13. Lessor represents, covenants and agrees with the Lessees that the properties covered by this lease and each of them, are free from all liens and adverse claims of every kind and character, and the Lessor will warrant and defend the said premises to the said Lessee against all claims and demands of all persons; provided, that if the possession and enjoyment of the said demised premises by the Lessees shall be interfered with as a result of any legal proceedings brought by a party other than the Lessor and Lessees shall thereafter be restored to possession by the judgment of the court in any such proceedings, the costs to the Lessor in such proceedings shall be borne by the Lessor and the Lessees in the proportion of Fifty per cent (50%) by the Lessees and Fifty per cent (50%) by the Lessor.

14. Time is of the essence of this lease. In the event of failure by the Lessees to perform any of the covenants or

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comply with any of the conditions in this lease provided to be performed and/or kept by the Lessees, the Lessor shall be entitled to give written notice of such default to the Lessees and in the event the Lessees shall not proceed with reasonable diligence to remedy such default within Thirty (30) days after receipt of such notice the Lessor at his option shall be entitled to terminate this lease and declare the same forfeited.

15. Lessor hereby gives to Lessees an option to purchase the mining claims hereinbefore described for the sum of Twenty-five Thousand Dollars ($25,000.00), cash, lawful money of the United States. Lessees agree to pay to Lessor on account of such purchase price the sum of Two Thousand Five Hundred Dollars ($2,500.00) in cash, thirty (30) days after they commence shipping ore removed from said properties. Lessor agrees that one-half (1/2) of any amount paid to him by way of rent or royalty shall be applied to said purchase price and shall reduce said purchase price pro tanto. On full payment of said purchase price Lessor agrees to transfer and convey said mining claims and all of his rights appurtenant thereto and all of his rights in or to said land to Lessees by good and sufficient conveyances conveying good and merchantable title to said claims free and clear of all liens and encumbrances except such liens or encumbrances as may have been made, suffered or done by Lessees.

16. This agreement shall be binding upon and run in favor of the heirs, executors, administrators, successors and assigns of the parties hereto.

IN WITNESS WHEREOF the parties hereto have hereunto set their hands the day and year first above written.

Fred Wickstrom
Lessor

Miles S. Edghill
Edward E. Floyd
R. C. Rush
Lessees

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dma 1034X

MINING LEASE AND OPTION

Between

FRED WICKSTROM, a widower,

Lessor

and

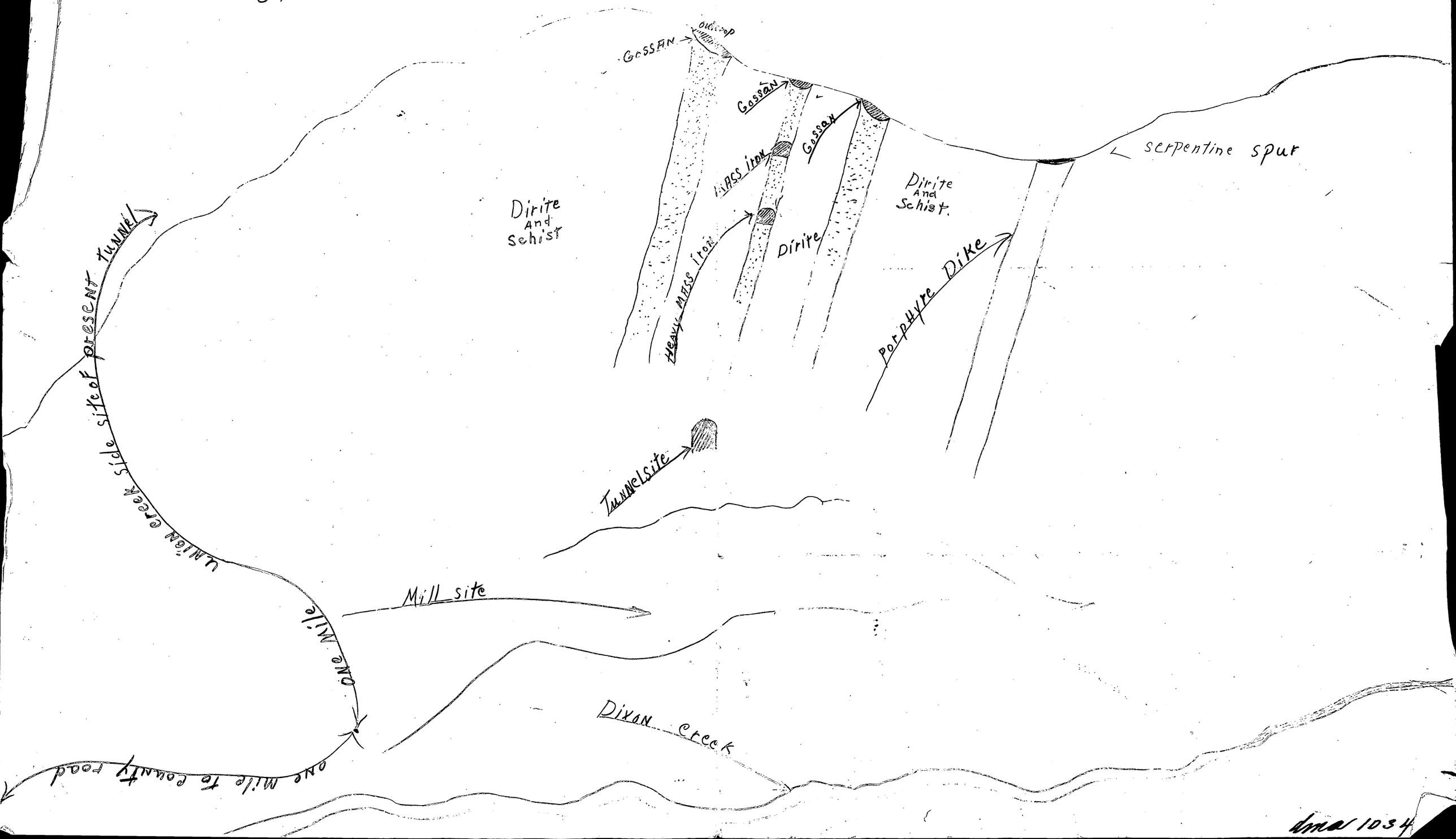
MILES EDGEHILL,
EDWARD E. BLOYD, and
ROY C. RUSH,

Lessees

Dated January 23rd 1951.

WHITE & HARBER
Attorneys at Law
Bank of America Building
Sacramento, California

Sketch of Copper Queen Mine



dma 1034

Sketch of Copper Queen mine,
Quincy, California.