Defense Minerals Administration
Reference Slip

Date 6/5

To: 1. Gamer

2.

3. JUN 1951

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JUN 6 1951

DMA 1454X

For Action ✓
Reply
Information
Remarks:

Sender LANDON F. STROBEL
OAL

3
Mr. Strobel DMA 1454X

Forwarded to

Branch

Date

Sender

2
Mr. Strobel DMA 1454X

Forwarded to

Branch

Date

Sender

1
Mr. Strobel DMA 1454X

Forwarded to

Branch

Date

Sender

92758

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

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DMA Docket No. 1454X

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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: Mr. Gowen Date 6/6/51

To: Mr. Lyon Date 8-28-51

To: REPORTS AND RECORDS Date AUG 29 1951

To: Date

To: Date

To: Date

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DMA Form 1

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Routing Slip

To:		Date	
To:	Gowen	Date	7/3/51
To:	~~Field Team~~	Date	~~7/11/51~~
To:	Card. Com	Date	7/11/51
To:	Field Team	Date	7/11/51
To:		Date	
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CONTROLLED DOCUMENT

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

AUG 8 D 1951

A. E. C
Taylor, Esther L.

Memorandum

To: Administrative Management Division

From: Director, Supply Division

Subject: Application for exploration aid for Mr. Charles M. Taylor, Valmy, Nevada (DMA-1454X), Commodity-Copper

Denial of this application is recommended by Field Team, Region III for the following reasons:

1. The ore showings are small and unimpressive.

2. It is doubtful if the ore sections could be profitably mined and shipped.

3. Only a very small tonnage could be expected from the proposed operations.

A letter has been prepared for my signature informing the applicant of the denial.

Transmitted herewith for your disposal is the entire file consisting of the following:

6 forms MF-103, 3 with answer sheets of 4 pages attached and 3 with 1 page attached
3 forms MF-100 with answer sheets of 4 pages attached
2 DMA Review of Application for Exploration Assistance
2 Report of Examination by Field Team, Region III dated August 1, 1951
1 original letter from Esther Lois Taylor and Charles M. Taylor to Mr. J. B. Gowen dated May 24, 1951
1 carbon copy of letter to Miss Esther Lois Taylor by Mr. L. F. Strobel dated June 18, 1951
1 carbon copy of letter to Mr. Charles M. Taylor from Mr. Tom Lyon dated June 20, 1951
1 original letter from Esther Lois Taylor and Charles M. Taylor to Mr. Tom Lyon dated June 30, 1951
1 original letter from H. C. Miller to Tom Lyon dated August 15, 1951
1 form letter from Tom Lyon to Mr. H. C. Miller

3 carbon copies of letters to Miss Esther Lois Taylor
from L. F. Strobel, July 5, 1951
L. F. Strobel, July 9, 1951
Tom Lyon, July 11, 1951
1 original letter from Miss Esther Lois Taylor to Mr. Tom Lyon, July 16, 1951
1 DMA Status Change Notice, July 11, 1951

Tom Lyon

Tom Lyon, Director
Supply Division

Attachment

310

FILE COPY
SURNAME:

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

G. E. C.

AUG 3 0 1951

Memorandum

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From: Director, Supply Division

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Tom Lyon, July 11, 1951
1 original letter from Miss Esther Lois Taylor to Mr. Tom Lyon, July 16, 1951
1 DMA Status Change Notice, July 11, 1951

Tom Lyon cc 8/30

Tom Lyon, Director
Supply Division

Attachment
RVWaugh:rw (8-28-51)
Copy to: Reports and Records Branch
Executive Officer, DMA Field Team III
Mr. Gowen
Mr. Johnson
Mr. MacLaren
Files - DMA Docket

Memorandum

To: Administrative Management Division

From: Director, Supply Division

Subject: Application for exploration aid for Mr. Charles M. Taylor, Valmy, Nevada (DMA-1454X), Commodity-Copper

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1 original letter from Miss Esther Lois Taylor to Mr. Tom Lyon, July 16, 1951
1 DMA Status Change Notice, July 11, 1951

Tom Lyon

Tom Lyon, Director
Supply Division

Attachment

RVWaughrw (8-28-51)
Copy to: Reports and Records Branch
Executive Officer, DMA Field Team III
Mr. Gowen
Mr. Johnson
Mr. MacLaren
Files - DMA Docket

FILE COPY
SURNAME:

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

AUG 30 1951

Mr. Charles M. Taylor
Valmy, Nevada

re: DMA docket 1151x

Dear Mr. Taylor:

Your application for exploration aid has been reviewed by the Defense Minerals Administration and we are sorry to inform you that it must be denied.

From the material submitted with your application and the material available to the Government it is felt that due to the apparent limited tonnage that could be expected from the proposed work, there is no justification for inclusion of your project under the copper program at the present time.

Very truly yours,

Tom Lyon, Director
Supply Division

RVWaugh/mh 8-28-51
cc: Reports & Records
Region III
Mr. Gowen
Mr. Johnson
Mr. MacLaren
DMA docket files

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

AUG 30 1951

Mr. Charles M. Taylor
Valley, Nevada

re: DMA docket 14,52x

Dear Mr. Taylor:

Your application for exploration aid has been reviewed by the Defense Minerals Administration and we are sorry to inform you that it must be denied.

From the material submitted with your application and the material available to the Government it is felt that due to the apparent limited tonnage that could be expected from the proposed work, there is no justification for inclusion of your project under the copper program at the present time.

Very truly yours,

Tom Lyon
Tom Lyon, Director
Supply Division

RVWaugh/mh 8-28-51
cc: Reports & Records
Region III
Mr. Gowen
Mr. Johnson
Mr. MacLaren
DMA docket files

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~BUREAU OF MINES~~
~~REGION III~~
DEFENSE MINERALS ADMINISTRATION

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

~~BUREAU BUILDING~~
~~630 SANSOME STREET~~
~~SAN FRANCISCO 11, CALIF.~~

OFFICE OF
~~REGIONAL DIRECTOR~~
Executive Officer
DMA Field Team
Region III

August 15, 1951

Memorandum

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

From: Executive Officer, DMA Field Team, Region III

Subject: DMA-1454X - Charlou Copper Mines, Lander County, Nevada
Esther M. Taylor, 1610 Bedford Road, San Marino, Calif.
and Charles M. Taylor, Valmy, Nevada.

Reference is made to your subject "Review of Application for Exploration Assistance", dated July 11, 1951.

Attached are four copies of a report, "DMA-1454X, Charlou Mines, Lander County, Nevada", by W. T. Benson, Mining Engineer, U. S. Bureau of Mines, dated August 1, 1951.

According to the examining engineer's report, a copper mineralization is associated with the fractures. In general these fractures are small. Two fractures have been developed by a 30 foot shaft and a 15 foot cut, excavated to a depth of 6 feet. From these openings about 4 tons have been selectively mined and sorted averaging about 4 percent copper. No reserve tonnages are exposed on the property, and in general, the ore showings are small and unimpressive and it is doubtful that ore sections could be profitably mined and shipped.

As only a limited tonnage could be expected from the proposed program, Mr. Benson concludes that the request for a loan be denied.

The docket is being returned herewith.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 20 1951

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

Attachment

Copy to: E. H. Bailey, USGS

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-1454X, Charlou Mines

Lander County, Nev.

Copper

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

August 1, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 20 1951

DOCKET DMA-1454X (Copper)

UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF MINES

CHARLOU MINES
Lander County, Nev.

SUMMARY

The Charlou Mines, situated in the Battle Mountain Mining District, Lander County, Nev., is about 25 miles west of Valmy, the shipping point on the Southern and Western Pacific Railroads and about 24 miles northwest of Battle Mountain, the supply center.

Little is known of the early history of the property. Claim locations were first made about 1915. After sinking a 30-foot shaft, the property was abandoned and was not again located until December 1950, when it was filed on by the Taylors. Recent work consists of removing surface overburden from an area 50 feet wide and 200 feet in length and a pit 15 feet long and 6 feet wide, which was excavated to a depth of 6 feet.

Rocks in the area comprise quartzites and limestones which are interbedded with thin sections of shale. These formations, slightly tilted, have been broken by a series of small fractures.

Copper mineralization on the property, chiefly malachite and azurite, is associated with the fractures. In general, these fractures are small, and undoubtedly were the channels through which the mineralizing came. The copper ores occur in and adjacent to these fractures as seams and isolated small bunches.

In a distance of about 65 feet, two fractures have been developed by a 30-foot shaft and a 15-foot cut, excavated to a depth of 6 feet. From these openings about 4 tons have been selectively mined and sorted averaging about 4 percent copper per ton.

No reserve tonnages are exposed on the property. By extending the workings along the fractures, it is possible a small tonnage could be obtained, but such work would not be a profitable undertaking, and it is doubtful if the ore thus obtained could be shipped under existing conditions.

In general, the ore showings are small and unimpressive, and it is doubtful if the ore sections could be profitably mined and shipped.

Since only a limited small tonnage could be expected from the operation, the loan request is not recommended.

INTRODUCTION

The Charlou Mines copper prospect was examined on July 20, 1951 by an engineer[1/] of the Bureau of Mines, accompanied by Charles M. Taylor, one of the owners and R. M. Ostrander, both of Valmy, Nev.

Property holdings comprise three unpatented lode mining claims known as the Charlou and the Charlou No.s 1 and 2, situated in the Battle Mountain Mining District, sec. 26, T. 31 N., R. 42 E., Lander County, Nev., about 25 miles west of Valmy, the shipping point on the Southern and Western Pacific Railroads. Battle Mountain, the supply center, is 24 miles southeast.

To reach the property from Valmy, the Buffalo Valley Mines road, a county road, is followed west 21 miles. At a point about one-fourth

1/ W. T. Benson

north of the Buffalo camp, a faintly marked desert road is taken. This road in turn is followed west 3 miles to the Charlou Mines, which lies on the east side of a low northward trending ridge that juts out into the valley floor.

HISTORY

Little is known of the early history of the property. It is supposed the early locations were made about 1915, at which time an exploratory shaft was sunk to a depth of about 30 feet. The claims were then abandoned and were relocated by Esther and Charles M. Taylor in December 1950. For location purposes, surface overburden has been removed from an area 50 feet wide and 200 feet in length, south and east of the old shaft, and a pit 6 feet wide and 5 feet long has been excavated to a depth of 6 feet.

PHYSICAL FEATURES

The claims are located in an area of low relief on the southeast side of Buffalo Valley at an altitude of about 5,000 feet. Climate in the area is semi-arid with long, hot summers and moderately cold winters. Annual precipitation averages about 5 inches which occurs as snow and rain during the fall and spring months. Winter weather usually is not severe enough to impede or stop travel within the area. Water is scarce; for domestic and mining use, it would have to be hauled by truck from Valmy, 25 miles east. Sagebrush and varieties of desert grass constitute the vegetation near the property.

No transmitted electric power is available; for generation of power, it would be necessary to supply fuel oil in drums by truck from Battle Mountain, 25 miles southeast.

HOUSING FACILITIES AND EQUIPMENT

No housing facilities or equipment is on the property.

GEOLOGY

Rocks exposed in the vicinity of the property comprise limestones and quartzites which are interbedded with thin sections of shale. These formations strike N. 60° W. and dip 20° N.E. On the property these formations are broken by a fracture system that strikes S. 55° E., and in a distance of about 300 feet, three fractures are exposed in shallow surface workings. For the most part the area is covered by varying thicknesses of shaly overburden.

DESCRIPTION OF THE DEPOSIT

Copper mineralization on the property, chiefly azurite and malachite, is associated with the fractures. In the shaft working, a nearly vertical fracture striking S. 55° E. was developed to a depth of 30 feet. This fracture varies in thickness from a foot at surface to about 2 inches in the bottom. The fracture filling is chiefly limonite which contains small bunches and stringers of malachite. For a distance of about 18 inches on either side of the fracture, the wall rock has been broken, considerably altered and silicified, and seamed and stained with iron oxides. In places the copper mineralization occurs as thin coatings along joint planes adjacent to the fracture. Usually this mineralization does not extend more than a foot away from the fracture. From this working, about 500 pounds of oxidized copper ore has been selectively mined and sorted. In the bottom of the shaft, the fracture filling is comprised chiefly of iron as limonite, and no copper mineralization was observed.

In the pit, about 65 feet southeast of the shaft, a small fracture about 1 inch wide was developed to a depth of 6 feet. This fracture, nearly vertical, strikes S. 65° E. Adjacent to it, the wall rocks, for about 18 inches on either side, are broken and considerably altered and stained, with iron oxides. In this working, the copper mineralization, as malachite, occurs along joints and bedding planes as stringers and small replacement bunches adjacent to the fracture. From this opening about 4 tons of copper ore has been selectively mined and sorted.

The ore is malachite and azurite associated with limonite in a highly silicified limestone gangue.

DEVELOPMENT

In addition to three small surface trenches, development on the property comprises a 30-foot vertical shaft, and a pit 15 feet long, 6 feet wide that has been excavated to a depth of 6 feet. In order to expose the underlying formations in the vicinity of the shaft, an area 50 feet wide and 200 feet in length was cleared by using a bulldozer.

SAMPLING

For the purpose of determining the approximate grade of the ore available for mining and shipment, samples were taken of the ore exposed in the pit and from sorted small piles on the dumps. Details regarding them follows:

Sample No.	Ounces Au	Ounces Ag	Percent Cu	Description
1448	Tr	0.40	1.99	Chip sample across 4 foot face in pit, 6 ft. below surface.
1449	Tr	0.35	3.98	Grab from 4 tons sorted ore on pit dump. Copper oxides in silicified limes.
1450	0.005	2.30	4.10	Grab from 500 lbs. sorted ore on shaft dump.

From the samples, it is apparent, the material exposed for mining is too low in copper content to be considered as shipping grade. From the pit, approximately 45 tons of material was moved from which about 4 tons of ore was sorted. By selection, the grade of the ore was improved about 100 percent, but even at that the final grade would not be high enough to ship under existing prices and costs and provide a profit.

ORE RESERVES

No blocked out ore reserves are exposed on the property. By extending the workings along the small fractures, it is possible a limited tonnage of copper ore could be selectively mined and sorted to a grade of about 4 percent. However, this would not be a profitable undertaking and it is doubtful if the ore could be shipped under existing conditions.

PLAN OF OPERATION

The recent work done on the property was for location and assessment purposes. Unless outside financial aid is obtained, it is doubtful if the owners intend to further develop the property.

CONCLUSIONS

Copper mineralization on the property is associated with small fractures in altered limestones and shales. In general, the ore showings are small and unimpressive, and it is doubtful if the ore sections could be profitably mined and shipped.

Since only a limited tonnage could be expected from the proposed operation, the loan request is not recommended.

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 20 1951

DMA-14541, Charlou Mines

Lander County, Nev.

Copper

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

August 1, 1951

DOCKET DMA-1454X (Copper)

UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF MINES

CHARLOU MINES
Lander County, Nev.

SUMMARY

The Charlou Mines, situated in the Battle Mountain Mining District, Lander County, Nev., is about 25 miles west of Valmy, the shipping point on the Southern and Western Pacific Railroads and about 24 miles northwest of Battle Mountain, the supply center.

Little is known of the early history of the property. Claim locations were first made about 1915. After sinking a 30-foot shaft, the property was abandoned and was not again located until December 1950, when it was filed on by the Taylors. Recent work consists of removing surface overburden from an area 50 feet wide and 200 feet in length and a pit 15 feet long and 6 feet wide, which was excavated to a depth of 6 feet.

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Copper mineralization on the property, chiefly malachite and azurite, is associated with the fractures. In general, these fractures are small, and undoubtedly were the channels through which the mineralizing came. The copper ores occur in and adjacent to these fractures as seams and isolated small bunches.

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In general, the ore showings are small and unimpressive, and it is doubtful if the ore sections could be profitably mined and shipped.

Since only a limited small tonnage could be expected from the operation, the loan request is not recommended.

INTRODUCTION

The Charleu Mines copper prospect was examined on July 20, 1951 by an engineer[1] of the Bureau of Mines, accompanied by Charles M. Taylor, one of the owners and R. M. Ostrander, both of Valmy, Nev.

Property holdings comprise three unpatented lode mining claims known as the Charleu and the Charleu No.s 1 and 2, situated in the Battle Mountain Mining District, sec. 26, T. 31 N., R. 42 E., Lander County, Nev., about 25 miles west of Valmy, the shipping point on the Southern and Western Pacific Railroads. Battle Mountain, the supply center, is 24 miles southeast.

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1/ W. T. Benson

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No transmitted electric power is available; for generation of power, it would be necessary to supply fuel oil in drums by truck from Battle Mountain, 25 miles southeast.

HOUSING FACILITIES AND EQUIPMENT

No housing facilities or equipment is on the property.

GEOLOGY

Rocks exposed in the vicinity of the property comprise limestones and quartzites which are interbedded with thin sections of shale. These formations strike N. 60° W. and dip 20° N.E. On the property these formations are broken by a fracture system that strikes S. 55° E., and in a distance of about 500 feet, three fractures are exposed in shallow surface workings. For the most part the area is covered by varying thicknesses of shaly overburden.

DESCRIPTION OF THE DEPOSIT

Copper mineralization on the property, chiefly azurite and malachite, is associated with the fractures. In the shaft working, a nearly vertical fracture striking S. 55° E. was developed to a depth of 30 feet. This fracture varies in thickness from a foot at surface to about 2 inches in the bottom. The fracture filling is chiefly limonite which contains small bunches and stringers of malachite. For a distance of about 18 inches on either side of the fracture, the wall rock has been broken, considerably altered and silicified, and seamed and stained with iron oxides. In places the copper mineralization occurs as thin coatings along joint planes adjacent to the fracture. Usually this mineralization does not extend more than a foot away from the fracture. From this working, about 500 pounds of oxidized copper ore has been selectively mined and sorted. In the bottom of the shaft, the fracture filling is comprised chiefly of iron as limonite, and no copper mineralization was observed.

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PLAN OF OPERATION

The recent work done on the property was for location and assessment purposes. Unless outside financial aid is obtained, it is doubtful if the owners intend to further develop the property.

CONCLUSIONS

Copper mineralization on the property is associated with small fractures in altered limestones and shales. In general, the ore showings are small and unimpressive, and it is doubtful if the ore sections could be profitably mined and shipped.

Since only a limited tonnage could be expected from the proposed operation, the loan request is not recommended.

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE JUL 18 1951

REFERRED TO:

1. Gowen B 2614
2.
3.
4.

JUL 19 1951

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	✓ Suggestions
..... Investigation	✓ Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: .....

Check (X) before the items needing attention.

LANDON F. STROBEL LFS

Initials of sender.

Code 210

GPO 16—63815-1

Air Mail

1610 Bedford Road,
San Marino, 9, Calif.
July 16th, 1951.

Re: Docket No. DMA-1454X

Mr. Tom Ly on, Director Supply Div.,
U. S. Department of the Interior,
Defense Minerals Administration,
Washington, 25, D. C.

Dear Sir:

Thank you for your letter of July 11th, 1951. We appreciate the attention you are giving our a pplication.

We shall be looking forward to the communication from Mr. H. C. Miller, Executive Officer, DMA Field Team, Region III.

Very truly yours,

Mrs. Esther Lois Taylor.
(Mrs) Esther Lois Taylor

Copy to Charlex Taylor, Valmy, Nevada.
File.

Department of the Interior
Defense Minerals Administration
RECEIVED
JUL 18 1951
LANDON F. STROBEL
Executive Secretary

FILE COPY
SURNAME:

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

Gowen
Johnson
Lyon

JUL 11 1951

Copper A & L

Re: Docket No. DMA-1454X

Esther Lois Taylor
1610 Bedford Road,
San Marino, California

Dear Miss Esther:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You should hear shortly from Mr. H. C. Miller, Executive Officer, DMA Field Team, Region III, 1012 Flood Bldg., 870 Market Street, San Francisco 2, California.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

not stripped in R. R.

JWAlt:jp

Copy to: Executive Officer, DMA Field Team, (2), H. C. Miller
1012 Flood Bldg., 870 Market Street, San Francisco, Calif.
Records and Reports Branch
Administrator's Reading File
Coordinating Committee
J. B. Gowen
Charles J. Johnson
D. Mac Laren
Charles M. Taylor, Valmy, Nevada
Files

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

Refer to	Noted	Date
Answered		

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 13 1951
SAN FRANCISCO, CALIFORNIA

JUL 11 1951

Mr. H. C. Miller, Executive Officer
DMA Field Team
Region III
1012 Flood Bldg., 870 Market Street
San Francisco 2, California

Dear Sir:

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

Docket No. DMA-1454X

Commodity Copper

Applicant Esther Lois Taylor, 1610 Bedford Road, San Marino, Calif.
and Charles M. Taylor, Valmy, Nevada

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

C. H. Johnson
For Bureau of Mines

Olof R. Ross
For Geological Survey

JUL 11 1951

Mother Lois Taylor
1613 Bedford Road,
San Marino, California

Re: Docket No. [illegible]-1454

Dear Mister Mother:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You should hear shortly from Mr. H. C. Miller, Executive Officer, The Field Team, Region III, 1012 Flood Bldg., 870 Market Street, San Francisco 2, California.

Very truly yours,

Tom Lyon, Director
Supply Division

J Alt:jp

Copy to: Executive Officer, The Field Team, (2), H. C. Miller
1012 Flood Bldg., 870 Market Street, San Francisco, Calif.
Records and Reports Branch
Administrator's Reading File
Coordinating Committee
J. H. Gowen
Charles J. Johnson
J. Mac Laren
Charles J. Taylor, Valay, Levan
Files

a. f. e.

JUL 11 1951

Esther Lois Taylor
1610 Bedford Road,
San Marino, California

Re: Docket No. [illegible]-1454[illegible]

Dear Miss Taylor:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You should hear shortly from Mr. H. C. Miller, Executive Officer, DMA Field Team, Region III, 1012 Flood Bldg., 870 Market Street, San Francisco 2, California.

Very truly yours,

Tom Lyon, Director
Supply Division

JMAlt:jp

Copy to: Executive Officer, DMA Field Team, (2), H. C. Miller
1012 Flood Bldg., 870 Market Street, San Francisco, Calif.
Records and Reports Branch
Administrator's Reading File
Coordinating Committee
J. B. Gowen
Charles J. Johnson
D. Mac Laren
Charles M. Taylor, Valmy, Nevada
Files

FILE COPY
SURNAME:

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

July 9, 1951

Miss Esther Lois Taylor
1610 Bedford Road
San Marino, California

Subject: DMA-1454X
Re: Exploration loan
Charlou Mines

My dear Miss Taylor:

Receipt is acknowledged of your application and attachments of June 30, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1454X and was referred to Mr. J. B. Gowen, Chief, Copper Branch on July 3, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1454X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:Jeb
cc: Strobel-2
File
Gowen
Lyon

FILE COPY
SURNAME:

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

July 5, 1951

Miss Esther Lois Taylor
1610 Bedford Road
San Marino, California

Subject: DMA-1454X
Re: Exploration Loan
Charlou Mines

My dear Miss Taylor:

Receipt is acknowledged of your application and attachments of June 30, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1454X and was assigned to Mr. J. B. Gowen, Chief, Copper Branch on July 3, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1454X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

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

DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1454 X

To: Reports and Records Branch

From: Copper Branch Supply Division

Date: 7/11/51

The following action has been taken this date on the above Controlled Document.

Forwarded to Coordinating Committee (thru Tom Lyon for Signature) to be referred to ~~Field Team~~ Region III

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

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 1454X

Date received 7-3-51

Participation

ESTHER LOIS TAYLOR

and

CHARLES M. TAYLOR

~~1-13~~ 1610 BEDFORD ROAD, SAN MARINO CALIFORNIA

VALMY, NEVADA.

Name and address of applicant

Amended Date ~~June 30th, 1951~~

FILL IN THIS BLOCK

Date of application

Estimated cost

Mineral or metal

Percentage of Government participation

Location of mine

Date of filing MF-100

DMA Docket Number, if available ~~DMA-1454X~~

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 contract, Form MF-200, for your signature.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
Executive Secretary

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*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?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in 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.
    (*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.

*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.

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:
    (*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.)
    (*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?

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.

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.

(Name of company)	By (Signature of authorized official)
(Date)	(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

ESTHER LOIS TAYLOR - - - - - - - 1019 [illegible], [illegible], CALIFORNIA
and
CHARLES M. TAYLOR - - - - - - - VALE, OREGON

DATE: MAY 14th, 1951

ANNUAL DATE: JUNE 30th, 1951

M. [illegible]

[illegible] NO. 9

FORM MP-100

The applicant, as stated in Form MP-100, has the following mining equipment: One Air-compressor, jackhammer, drills, hose, air-pipe, one Jeep Truck for transportation, as well as other small mining items such as picks, shovels, etc. The estimated value of these articles is approximately three thousand dollars ($3,000.00). Present rental charges for such equipment would probably amount to nine hundred dollars ($900.00) per month.

In compliance with the Federal Minerals Administration, we are herein asking that such rental value of nine hundred dollars ($900.00) per month be allowed as our share of payment for the mining project.

Esther Lois Taylor
Esther Lois Taylor

Charles M. Taylor
Charles M. Taylor

Form MF-103
(April 1951)

U. 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 1454X

Date received 7-3-51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 13 1951
SAN FRANCISCO, CALIFORNIA

ESTHER LOIS TAYLOR
and
CHARLES M. TAYLOR

1610 BEDFORD ROAD, SAN MARINO
CALIFORNIA

VALLEY, NEVADA.

Name and address of applicant

Amended

Date June 30th, 1951

FILL IN THIS BLOCK

Date of application

Estimated cost

Mineral or metal

Percentage of Government participation

Location of mine

Date of filing MF-100

DMA Docket Number, if available DMA-1454X

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 contract in form MF-200, for your signature.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
LAUN F. STROBEL
Executive Secretary

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*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?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in 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.
    (*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.

*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.

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:
    (*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.)
    (*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?

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:
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    (*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.

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.

---------- (Name of company)

By ---------- (Signature of authorized official)

---------- (Date)

---------- (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

ESTHER LOIS TAYLOR - - - - - - - - 1010 BEDFORD ROAD, SAN MARINO, CALIFORNIA
and
CHARLES M. TAYLOR - - - - - - - - VALLEY, NEVADA.

DATE: MAY 24th, 1951

AMENDED DATE: JUNE 20th, 1951

THE APPLICANT

SECTION NO. 9

FORM MF-103

The applicant, as stated in Form MF-100, has the following mining equipment: New air-compressor, jackhammer, drills, hose, air-pipe, and Jeep Truck for transportation, as well as other small mining items such as picks, shovels, etc. The estimated value of these articles is approximately three thousand dollars ($3,000.00). Present rental charges for such equipment would probably amount to nine hundred dollars ($900.00) per month.

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Esther Lois Taylor
Esther Lois Taylor

Charles M. Taylor
Charles M. Taylor

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 1454X

Date received 7-3-51

Participation

ESTHER LOIS TAYLOR

and

CHARLES M. TAYLOR

1610 BEDFORD ROAD, SAN MARINO
CALIFORNIA

VALMY, NEVADA.

Name and address of applicant

Amended Date June 30th, 1951

FILL IN THIS BLOCK

Date of application

Estimated cost

Mineral or metal

Percentage of Government participation

Location of mine

Date of filing MF-100

DMA Docket Number, if available DMA-1454X

INSTRUCTIONS

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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
LANDON F. STROBEL
Executive Secretary

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
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16—64067-1

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    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
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    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
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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.

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.

---------- (Name of company)

By ---------- (Signature of authorized official)

---------- (Date)

---------- (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

ESTHER LOIS TAYLOR - - - - - - - - 1610 BEDFORD ROAD, SAN MARINO, CALIFORNIA
and
CHARLES M. TAYLOR - - - - - - - - VALLEY, NEVADA.

DATE: MAY 24th, 1951

AMENDED DATE: JUNE 30th, 1951

THE APPLICANT

QUESTION NO. 9

FORM MF-108

The applicant, as stated in Form MF-100, has the following mining equipment: New Air-compressor, jackhammer, drills, hose, air-pipe, and Jeep Truck for transportation, as well as other small mining items such as picks, shovels, etc. The estimated value of these articles is approximately three thousand dollars ($3,000.00). Present rental charges for such equipment would probably amount to nine hundred dollars ($900.00) per month.

In compliance with the Defense Minerals Administration, we are herein asking that such rental value of nine hundred dollars ($900.00) per month be allowed as our share of payment for the mining project.

Esther Lois Taylor
Esther Lois Taylor

Charles M. Taylor
Charles M. Taylor

MF-103
(April 1951)

U[redacted] DEPARTMENT OF THE INTER[redacted]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 1454X

Date received 7-3-51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 13 1951
SAN FRANCISCO, CALIFORNIA

ESTHER LOIS TAYLOR
and
CHARLES M. TAYLOR

1610 BEDFORD ROAD, SAN MARINO
CALIFORNIA
VALMY, NEVADA.

Name and address of applicant

Amended Date June 30th, 1951

FILL IN THIS BLOCK

Date of application

Estimated cost

Mineral or metal

Percentage of Government participation

Location of mine

Date of filing MF-100

DMA Docket Number, if available DMA-1454X

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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
LA SON F. STROBEL
Executive Secretary

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*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?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in 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.
    (*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.

*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.

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:
    (*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.)
    (*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?

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.

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.

---------- (Name of company)

By ---------- (Signature of authorized official)

---------- (Date)

---------- (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

ESTHER LOIS TAYLOR - - - - - - - - 1610 BEDFORD ROAD, SAN MARINO, CALIFORNIA
and
CHARLES M. TAYLOR - - - - - - - - VALMY, NEVADA.

DATE: MAY 24th, 1951

AMENDED DATE: JUNE 30th, 1951

THE APPLICANT

QUESTION NO. 9

FORM MF-103

The applicant, as stated in Form MF-100, has the following mining equipment: New Air-compressor, jackhammer, drills, hose, air-pipe, and Jeep Truck for transportation, as well as other small mining items such as picks, shovels, etc. The estimated value of these articles is approximately three thousand dollars ($3,000.00). Present rental charges for such equipment would probably amount to nine hundred dollars ($900.00) per month.

In compliance with the Defense Minerals Administration, we are herein asking that such rental value of nine hundred dollars ($900.00) per month be allowed as our share of payment for the mining project.

Esther Lois Taylor
Esther Lois Ta ylor

Charles M Taylor
Charles M. Taylor

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
[illegible]ON F. STROBEL
Executive Secretary

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA-1454X

Commodity Copper

Total Amount $6,000

Govt. Participation $3,000

1. Name and Address of Applicant Esther Lois Taylor, 1610 Bedford Road, San Marino, California; and Charles M. Taylor, Valmy, Nevada

2. Location of Property Nevada, Lander County, Section 26, Township 31 North Range 42 East.

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

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?

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

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

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 Not stated probably OK due to nearness of Copper Canyon

b) Equipment and supplies yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Good

d) Water (question 13)* Water will be hauled

e) Power (question 13)* Will supply own

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)* Doubtful
Applicant admits to only one year experience.

Is a field check needed on this point? yes

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? ~~No~~ 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? Yes

If not, what part of it is? _____

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? No If so, attach a draft.

e) Are the cost estimates reasonable?_____

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)*

a) Is it applicable? no

b) If so, are sufficient data furnished? — 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? ~~No~~ yes

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

c) Are rents and charges reasonable? Not given

d) Is a field check needed? Yes

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? no

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? No

Exhibits DMA-1454 X

A Applicant proposes to sink a shaft about 100 feet, but gives no indication of where with respect to surface indications; nor estimate of cost.

B Does not apply

C Proposes to buy mine hoist and cable for $300.00 which seems rather a low estimate

Proposes to rent equipment he owns and values at $3,000.00 for $900.00 per month. This appears to be way too high, should be about 5% to 7% at the most, or $150 to $210 per month

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? To explain to applicant that the plan he proposes for matching funds is not feasible and to point out to him that this equipment should be placed on a rental basis. Please refer to answer to No. 9 of MF-103. If the prospect is worthy, have applicant make more specific plan for exploration and help him to estimate costs and other data for exhibits A thru D.

Reviewed by: J. N. Ell.
D R Macharen
C Johnson

Date 7/10/51 J B Gowen

97692

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA-1454X

Commodity Copper

Total Amount $6,000

Govt. Participation $3,000

1. Name and Address of Applicant Esther Irois Taylor, 1610 Bedford Road, San Marino, California; and Charles M. Taylor, Valmy, Nevada

2. Location of Property Nevada, Lander County, Section 26, Township 31 North Range 42 East.

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

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?

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

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

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 Not stated, probably OK. due to nearness of Copper Canon

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Good

d) Water (question 13)* Water will be hauled

e) Power (question 13)* Will supply own

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)* Doubtful — applicant admits to only one year of experience

Is a field check needed on this point? yes

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? ~~No~~ 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? Yes

If not, what part of it is?

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? No If so, attach a draft.

e) Are the cost estimates reasonable? _____

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)*

a) Is it applicable? no

b) If so, are sufficient data furnished? — 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? ~~No~~ yes

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

c) Are rents and charges reasonable? ~~Not given~~ no

d) Is a field check needed? Yes

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? no

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? No

Exhibits DMA-1454 X

A Applicant proposes to sink a shaft about 100 feet, but gives no indication of where with respect to surface indications; nor estimate of cost.

B Does not apply

C Proposes to buy mine hoist and cable for $300.00 which seems rather a low estimate

Proposes to rent equipment he owns and values at $3,000.00 for $900.00 per month. This appears to be way too high, should be about 5% to 7% at the most, or $150 to $210 per month

DHBm

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? To explain to applicant that the plan he proposes for matching funds is not feasible and to point out to him that his equipment should be placed on a rental basis. Please refer to answer to #9 of MF-103. If the prospect is worthy, have applicant make more specific plan for exploration and help him to estimate costs for and other data for exhibits A thru D

Reviewed by: J.W. Cole
L.A. Macharen
C. Johnson
J.P. Gowan

Date 7/10/51

97692

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA-1454 X

Date received 7/31/51

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 13 1951
SAN FRANCISCO, CALIFORNIA

ESTHER LOIS TAYLOR AND CHARLES M. TAYLOR
1610 BEDFORD ROAD, SAN MARINO, CALIF.
VALMY, NEVADA.

Name and address of applicant

ALL DATA IS FURNISHED ON ATTACHED SHEETS.

Date _____

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address	Official Title (If officer is also director indicate by "D")	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year	Estimated Net Worth Outside of Interest in Applicant	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common	Preferred	Amount	Net Cash Surrender Value After Loans
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

CHARLOU MINING COMPA NY
(Name of company)

By Esther Lois Taylor
(Signature of authorized official)

OWNERS AND PARTNERS

MAY 24, 1951.
(Date)

Charles M Taylor
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 31 1951
LANDON F. STROBEL
Executive Secretary

ESTHER LOIS TAYLOR — 1610 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 24, 1951.

GENERAL TECHNICAL DATA

1. MATERIALS PRODUCED.
(a) COPPER ORE
(b) SILVER ORE

2. THE PROPERTY HAS BEEN NAMED THE CHARLOU MINES. THE GROUND WAS LOCATED ABOUT FORTY YEARS AGO BUT THE LOCATORS ALLOWED IT TO REVERT TO GOVERNMENT DOMAIN. OLD NAME OF PROPERTY IS UNKNOWN.

(a) A VERTICAL SHAFT OF ABOUT THIRTY FEET WAS SUNK BY THE ORIGINAL PROSPECTORS. THIS SHAFT SHOWS COPPER BORNITE THAT ASSAYS 8.51 PERCENT COPPER AND 7.5 OZS. PER TON SILVER/ (AMERICAN SMELTING & REFINING COMPANY ASSAY) THE SILICA CONTENT OF THE ORE (ASSAYED BY KENNECOTT COPPER CORPORATION AT McGILL, NEVADA) IS IN EXCESS OF SIXTY PERCENT WHICH MAKES THE ORES DESIRED AS FLUX FOR COPPER SMELTERS AND THEREBY QUALIFIES FOR REDUCED SMELTER TREATMENT RATES.

(b) A GLORY HOLE HAS BEEN STARTED BY THE APPLICANTS ON ORE THAT THEY UNCOVERED BY REMOVING THE OVERBURDEN WITH A BULLDOZER. THIS HOLE IS NOW ABOUT TEN FEET DEEP AND TEN FEET SQUARE. SORTED ORE FROM THIS HOLE NOW EXCEEDS SIX TONS, WITH AN ESTIMATED VALUE OF THREE AND A HALF PERCENT COPPER.

(c) NONE.

(d) THE BULLDOZER THAT WAS USED BY THE OWNERS ON THE SURFACE TO REMOVE OVERBURDEN HAS EXPOSED COPPER ORE FOR A DISTANCE OF APPROXIMATELY FIVE HUNDRED FEET. A NUMBER OF SMALL OPEN CUTS AT WIDELY DISTANT PLACES ON THE TWO CLAIMS EXPOSE COPPER ORE AND COPPER STAINS. OF COURSE, IT IS NEEDLESS TO SAY THAT THERE ARE NO WATER PROBLEMS.

3. (a) TWENTYFOUR MILES FROM BATTLE MOUNTAIN, NEVADA.

(b) BATTLE MOUNTAIN MINING DISTRICT.

(c) SECTION No. 26, TOWNSHIP 31 NORTH RANGE 42 EAST.

(d) LANDER COUNTY, NEVADA.

4. (a) THIS PROPERTY HAS BEEN IN OPERATION FOR THE LAST FOUR MONTHS BY THE OWNER AND ABOVE NAMED APPLICANT CHARLES M. TAYLOR

(b) THE PROPERTY IS BEING OPERATED BY THE OWNER.

ESTHER LOIS TAYLOR — 1610 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 24, 1951.

GENERAL TECHNICAL DATA

5. THE PROPERTY HAS NEVER BEEN IN PRODUCTION BUT IT IS THE BELIEF OF THE OWNERS THAT A VERY LARGE COPPER DEPOSIT EXISTS AND THAT WITH SOME DEVELOPMENT FUNDS MADE AVAILABLE THE TRUE MERITS OF THE PROPERTY COULD BE SOON PROVEN. NO ESTIMATE OF WHEN PRODUCTION OF ORES OR SHIPPING THE SAME TO SMELTERS COULD NOW BE GIVEN. SUCH WOULD DEPEND UPON THE RESULTS OF EXPLORATION.

6. CHARLES M. TAYLOR, THE APPLICANT, HAS BEEN ENGAGED IN MINING OPERATIONS FOR THE LAST YEAR AND WITH, ESTHER LOIS TAYLOR, HAS EXPENDED A CONSIDERABLE AMOUNT OF MONEY IN MINING ENDEAVORS. HE HAS ALSO BEEN ENGAGED AIDING R. M. OSTRANDER, SECRETARY OF THE BUFFALO VALLEY MINES OF VALMY, NEVADA, IN DEVELOPING THAT PROPERTY IN MINING ORES FOR SHIPMENT TO SMELTERS. Mr. TAYLOR WILL CONTINUE TO MANAGE THE PROJECT AND BE AIDED IN BUSINESS MATTERS BY THE OTHER APPLICANT ESTHER LOIS TAYLOR WHO HAS HAD OFFICE AND BUSINESS EXPERIENCE WITH THE TEXACO OIL COMPANY OF CALIFORNIA.

7. (a) OVER THE ENTIRE PROPERTY THERE ARE IN EVIDENCE A NUMBER OF SMALL OPEN CUTS WHICH ALL EXPOSE COPPER ORE OR COPPER STAINS. A SHAFT OF ABOUT THIRTY FEET WAS SUNK BY THE OLDTIMERS ON A LEAD OF COPPER BORNITE ORE. THE PROPERTY HAS NEVER BEEN IN PRODUCTION AND WE SUPPOSE THE UNPROFITABLE PRICE OF COPPER THAT PREVAILED DURING THE ORIGINAL OPERATIONS MADE THE VENTURE UNATTRACTIVE.

(b) APPROXIMATELY FOUR MILES TO THE SOUTHEAST LIES THE SUBSTANTIAL OLD COPPER AND GOLD PRODUCER, COPPER CANYON MINE. THEY HAVE PRODUCED ORES FOR YEARS AND ARE STILL IN PRODUCTION. COPPER BASIN MINES ARE ABOUT FIVE MILES DISTANT IN THE SAME DIRECTION. THE ENTIRE DISTRICT HAS FOR YEARS BEEN A LARGE PRODUCER OF COPPER ORES.

(c) NO GEOLOGICAL REPORTS ON THIS PROPERTY ARE AVAILABLE NOR DO THE PRESENT OWNERS (THE APPLICANTS) THINK THAT ANY HAVE EVER BEEN MADE. THE OWNERS HAVE A NUMBER OF ASSAYS TAKEN FROM THE SURFACE OUTCROPS OVER MOST OF THE GROUND. THESE ASSAYS ARE VERY ENCOURAGING AND WERE MADE BY KENNECOTT COPPER CORPORATION AT McGILL, NEVADA AND THE AMERICAN SMELTING AND REFINING COMPANY, SALT LAKE CITY. THE ASSAYS ARE AVAILABLE UPON REQUEST. THE ORE DEPOSITION SEEMS TO BE IN OR NEAR THE LIMESTONES. NOT ENOUGH WORK HAS YET BEEN PERFORMED TO EXACTLY DETERMINE THE EXISTING GEOLOGY. FROM THE SURFACE SHOWINGS OF COPPER THAT WE HAVE EXPOSED BY REMOVING THE OVERBURDEN WITH A BULLDOZER, IT APPEARS THAT THE DEPOSIT WILL PROVE TO BE QUITE EXTENSIVE.

8. THIS IS A PARTNERSHIP COMPANY. THE OWNERS AND THEIR ADDRESSES ARE LISTED BELOW. CHARLES M. TAYLOR VALMY, NEVADA.
ESTHER LOIS TAYLOR 1610 BEDFORD ROAD, SAN MARINO, CALIFORNIA.

ESTHER LOIS TAYLOR
AND
CHARLES M. TAYLOR

— 1610 BEDFORD ROAD, SAN MARINO, CALIF.

— VALMY, NEVADA.

DATE MAY 24, 1951.

GENERAL TECHNICAL DATA.

9. WE ARE NOT INCORPORATED. CHARLOU MINES ARE A PARTNERSHIP OWNED BY ESTHER LOIS TAYLOR AND CHARLES M. TAYLOR.

10. (1)
(2) NO COMMENT AS PROPERTY HAS NEVER BEEN IN PRODUCTION.
(3)

11. NO PRODUCTION.

12. (a) Ores ASSAYED HAVE A SILICA CONTENT EXCEEDING SIXTY PERCENT THAT MAKE THEM VERY DESIRABLE FOR FLUX AT COPPER SMELTERS. IT APPEARS THAT THE DEPOSIT IS ASSOCIATED WITH THE LIMESTONES. ORES HAVE BEEN EXPOSED FOR APPROXIMATELY FIVE HUNDRED FEET BY REMOVING THE OVERBURDEN. AS YET, THE WIDTH OF THE VEIN OR THE LENGTH OF THE VEIN HAS NOT BEEN DETERMINED. THE SUPPOSED STRIKE OF THE ORE BODY OR BEDDING PLANE IS NORTHWEST AND SOUTHEAST. NO GEOLOGY REPORTS HAVE EVER BEEN MADE BUT, OF COURSE, THE SURFACE EXPOSURES INDICATE A CONSIDERABLE MINERAL DEPOSIT.

(b)
(1)
(2) AT THE PRESENT TIME, DUE TO LACK OF DEVELOPMENT WORK, IT IS IMPOSSIBLE TO ESTIMATE THE PROBABLE ORE RESERVES. THEREFORE, ITEMS 1 AND 2 CANNOT BE ANSWERED AT THIS TIME.
(c) THE DEPOSIT IS LODE VEIN MATERIAL.

13. A GOOD COUNTRY ROAD RUNS RIGHT TO THE PROPERTY. THE DISTANCE FROM THE GROUND TO THE NEAREST SHIPPING POINT IS TWENTYFOUR MILES WHICH IS BATTLE MOUNTAIN, NEVADA. RESIDENCE IS MAINTAINED AT VALMY, NEVADA THAT IS ON THE SOUTHERN PACIFIC RAILROAD AND HIGHWAY 40 AND LOCATED THE SAME DISTANCE FROM THE MINE AS BATTLE MOUNTAIN, TWENTYFOUR MILES.

14. AT THE PRESENT TIME AND FOR DEVELOPMENT PURPOSES WATER CAN BE HAULED TO THE PROPERTY FOR DRINKING AND MACHINERY OPERATION. AS TO WATER FOR LARGE MILLING OPERATIONS, WE HAVE NOT INVESTIGATED THAT SUBJECT. HOWEVER, WATER WOULD PROBABLY BE FOUND IN THE ADJACENT VALLEY BY DRILLING

15. THE ONLY POWER NEEDED OR USED AT THE PRESENT TIME IS SUPPLIED BY A NEW GORDON-SMITH COMPRESSOR FOR DRILLING PURPOSES IN THE ORES.

16. ALL WORK ON THE MINE SO FAR HAS BEEN SUPPLIED BY THE OPERATOR AND A FRIEND. OPERATIONS UNDER A LOAN SHOULD NOT CALL FOR MORE THAN FOUR MEN TO START AS EXPLORATION AND DEVELOPMENT IS THE FIRST NECESSITY.

ESTHER LOIS TAYLOR
AND
CHARLES M. TAYLOR

— 1010 DEERWOOD ROAD, SAN MARINO, CALIF.

— VALLEY, NEVADA.

DATE MAY 24, 1951.

17. A BRAND NEW GORDON-SMITH COMPRESSOR COSTING ABOUT EIGHTEEN HUNDRED DOLLARS WAS PURCHASED IN APRIL, 1951 FOR THIS EXPLORATION CAMPAIGN. JACKHAMMER, DRILLS, HOSE AND OTHER NECESSARY DRILLING EQUIPMENT ARE ALSO ON THE GROUND. A JEEP TRUCK WAS PURCHASED (SECOND HAND) FOR AN AMOUNT OF ABOUT ONE THOUSAND DOLLARS FOR TRANSPORTATION PURPOSES. IN TOTAL THIS EQUIPMENT WOULD BE VALUED AT APPROXIMATELY THIRTY THREE HUNDRED DOLLARS. ALL THIS EQUIPMENT IS IN FINE WORKING ORDER.

18. THERE HAS NOW BEEN EXPENDED FOR DEVELOPMENT PURPOSES IN EXCESS OF ONE THOUSAND DOLLARS SINCE THE LOCATION OF THE PROPERTY. NO DEBTS ARE OWED TO ANYONE. MR. E. M. OSTRANDER, SECRETARY OF THE BUFFALO VALLEY MINES HAS BEEN ASSIGNED A ONE THIRD INTEREST IN THE PROPERTY FOR THE SERVICES HE HAS RENDERED AND HAS AGREED, AS HIS HEALTH WILL PERMIT, TO AID IN THE PURPOSED DEVELOPMENT OF THE MINE, THROUGH HIS ADVISE AND LABOR.

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma-1454X

Date received 5/31/51

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 13 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

ESTHER LOIS TAYLOR 1610 Bedford Road, San Marino, Calif.
AND
CHARLES M. TAYLOR --VALMY, NEVADA.

Date MAY 24, 1951.

ALL DATA IS FURNISHED ON ATTACHED SHEETS.

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address	Official Title (If officer is also director indicate by "D")	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year	Estimated Net Worth Outside of Interest in Applicant	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common	Preferred	Amount	Net Cash Surrender Value After Loans
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

CHARLOU MINING COMPANY
(Name of company)

By Esther Lois Taylor
(~~Signature of authorized official~~)

MAY 24, 1951.
(Date)

OWNERS AND PARTNERS

Charles M Taylor
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 31 1951
LANDON F. STROBEL
Executive Secretary

LUTHER LOYD TAYLOR — 1610 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 26, 1958.

GENERAL TECHNICAL DATA

1. MATERIALS PRODUCED.
   (a) COPPER ORE
   (b) SILVER ORE

2. THE PROPERTY HAS BEEN NAMED THE CHARLOU MINES. THE GROUND WAS LOCATED ABOUT FORTY YEARS AGO BUT THE LOCATORS ALLOWED IT TO REVERT TO GOVERNMENT DOMAIN. OLD NAME OF PROPERTY IS UNKNOWN.
   (a) A VERTICAL SHAFT OF ABOUT THIRTY FEET WAS SUNK BY THE ORIGINAL PROSPECTORS. THIS SHAFT SHOWS COPPER BORNITE THAT ASSAYS 8.31 PERCENT COPPER AND 7.5 OZS. PER TON SILVER/ (AMERICAN SMELTING & REFINING COMPANY ASSAY) THE SILICA CONTENT OF THE ORE (ASSAYED BY KENNECOTT COPPER CORPORATION AT McGILL, NEVADA) IS VERY LOW OF ONLY PERCENT WHICH MAKES THE ORES DESIRED AS FLUX FOR COPPER SMELTING AND THEREBY QUALIFIES FOR REDUCED SMELTER TREATMENT RATES.

   (b) A GLORY HOLE HAS BEEN STARTED BY THE APPLICANTS ON ONE VEIN THAT THEY UNCOVERED BY REMOVING THE OVERBURDEN WITH A BULLDOZER. THIS HOLE IS NOW ABOUT TEN FEET DEEP AND TEN FEET SQUARE. CONTENT ONE FROM THIS HOLE NO. EXCEEDS SIX TONS, WITH AN ESTIMATED VALUE OF THREE AND A HALF PERCENT COPPER.

   (c) NONE.

   (d) THE BULLDOZER THAT WAS USED BY THE OWNERS ON THE OCCASION TO REMOVE OVERBURDEN HAS EXPOSED COPPER ORE FOR A DISTANCE OF APPROXIMATELY FIVE HUNDRED FEET. A NUMBER OF SMALL OPEN CUTS AT LIKELY DISTANCE REACH ON THE TWO CLAIMS EXPOSE COPPER ORE AND COPPER STAINS. OF COURSE, IT IS NECESSARY TO SAY THAT THERE ARE NO WATER PROBLEMS.

3. (a) TWENTYFOUR MILES FROM BATTLE MOUNTAIN, NEVADA.

   (b) BATTLE MOUNTAIN MINING DISTRICT.

   (c) SECTION No. 26, TOWNSHIP 31 NORTH RANGE 42 EAST.

   (d) LANDER COUNTY, NEVADA.

4. (a) THE PROPERTY HAS BEEN IN OPERATION FOR THE LAST FOUR MONTHS BY THE OWNER AND ABOVE NAMED APPLICANT CHARLES M. TAYLOR

   (b) THE PROPERTY IS BEING OPERATED BY THE OWNER.

ESTHER LOIS TAYLOR — 1610 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 24, 1951.

GENERAL TECHNICAL DATA

5. THIS PROPERTY HAS NEVER BEEN IN PRODUCTION BUT IT IS THE BELIEF OF THE OWNERS THAT A VERY LARGE COPPER DEPOSIT EXISTS AND THAT WITH CERTAIN DEVELOPMENT FUNDS HAVE AVAILABLE THE TRUE WORTH OF THE PROPERTY COULD BE SOON PROVEN. NO ESTIMATE OF THEIR PRODUCTION OF ORES OR SHIPPING THE SAME TO SMELTERS COULD NOW BE GIVEN. SUCH WOULD DEPEND UPON THE RESULTS OF EXPLORATION.

6. CHARLES M. TAYLOR, THE APPLICANT, HAS BEEN ENGAGED IN MINING OPERATIONS FOR THE LAST YEAR AND WITH, ESTHER LOIS TAYLOR, HAS EXPENDED A CONSIDERABLE AMOUNT OF MONEY IN MINING ORES. HE HAS ALSO BEEN ENGAGED AIDING R. M. SUTHERLAND, OWNER OF THE BUFFALO VALLEY MINES OF VALMY, NEVADA, IN DEVELOPING THAT PROPERTY IN MINING ORES FOR SHIPMENT TO SMELTERS. MR. TAYLOR WILL CONTINUE TO MANAGE THE PROJECT AND BE AIDED IN BUSINESS MATTERS BY THE OTHER APPLICANT ESTHER LOIS TAYLOR WHO HAS HAD OFFICE AND SECRETARIAL EXPERIENCE WITH THE TEXACO OIL COMPANY OF CALIFORNIA.

7. (a) OVER THE ENTIRE PROPERTY THERE ARE EVIDENCES OF SMALL OPEN CUTS WHICH ARE CROSS-COPPER ORE OR COPPER STAINS. A SHAFT OF ABOUT TWENTY FEET WAS SUNK ON THE SOUTHERN END OF A LEDGE OF COPPER BEARING ORE. THE PROPERTY HAS NEVER BEEN IN PRODUCTION AND THE LOW PRICE THE UNPROFITABLE PRICE OF COPPER THAT PREVAILED DURING THE ORIGINAL OPERATIONS MADE THE VENTURE UNATTRACTIVE.

(b) APPROXIMATELY FOUR MILES TO THE SOUTHEAST IS THE CONSTANTINE GOLD COPPER AND GOLD PRODUCER, COPPER CANYON MINE. THEY HAVE PRODUCED ORES FOR YEARS AND ARE STILL IN PRODUCTION. COPPER BASIN MINES ARE ABOUT FIVE MILES DISTANT IN THE SAME DIRECTION. THE ENTIRE DISTRICT HAS FOR YEARS BEEN A LARGE PRODUCER OF COPPER ORES.

(c) NO GEOLOGICAL REPORTS ON THIS PROPERTY ARE AVAILABLE NOR DO THE PRESENT OWNERS (THE APPLICANTS) THINK THAT ANY HAVE EVER BEEN MADE. THE OWNERS HAVE A NUMBER OF ASSAYS TAKEN FROM THE OUTCROPS OVER MOST OF THE GROUND. THESE ASSAYS ARE VERY ENCOURAGING AND WERE MADE BY ELLIOTT COPPER CORPORATION AT ROCKER, NEVADA AND THE AMERICAN SMELTING AND REFINING COMPANY, SALT LAKE CITY. THE ASSAYS ARE AVAILABLE UPON REQUEST. THE ORE DEPOSITION SEEMS TO BE FAR OR NEAR THE LIMESTONE. NOT MUCH WORK HAS EVER BEEN PERFORMED TO EXACTLY DETERMINE THE EXISTING GEOLOGY. FROM THE SURFACE INDICATIONS OF COPPER THAT WE HAVE EXPOSED BY REMOVING THE OVERBURDEN WITH A BULLDOZER, IT SEEMS THAT THE DEPOSIT WILL PROVE TO BE QUITE ATTRACTIVE.

8. THIS IS A PARTNERSHIP COMPANY. THE OWNERS AND THEIR ADDRESSES ARE LISTED BELOW. CHARLES M. TAYLOR VALMY, NEVADA.
ESTHER LOIS TAYLOR 1610 BEDFORD ROAD, SAN MARINO, CALIFORNIA.

MOTHER LODE TAYLOR
AND
CHARLES M. TAYLOR

-- 1610 BEDFORD ROAD, SAN MARINO, CALIF.

-- VALMY, NEVADA.

DATE MAY 28, 1951.

GENERAL TECHNICAL DATA.

9. WE ARE NOT INCORPORATED. ONE LOD MINES IS A PARTNERSHIP OWNED BY MOTHER LODE TAYLOR AND CHARLES M. TAYLOR.

10. (1)
(2) NO CONCENT AS PROPERTY HAS NEVER BEEN IN PRODUCTION.
(3)

11. NO PRODUCTION.

12. (a) ONE ASSAYED HAVE A GRADE CONTENT INCLUDING GOLD PLUS THAT MAKES THEM VERY CONSIDERABLE FOR FLUX AT COPPER SMELTERS. IT MAY ALSO THAT THE DEPOSIT IS ASSOCIATED WITH THE DIAMONDS. WE HAVE BEEN INFORMED FOR APPROXIMATELY FIVE HUNDRED FEET BY REMOVING THE OVERBURDEN. AS YET, THE WIDTH OF THE VEIN OR THE LENGTH OF THE VEIN HAS NOT BEEN DETERMINED. THE SECTIONAL STRIKE OF THE ORE BODY OR BEARING PLANE IS NORTH EAST AND SOUTH WEST. NO GEOLOGY REPORTS HAVE EVER BEEN MADE BUT, OF COURSE, THE COLORADO EXPERTS INDICATE A CONSIDERABLE MINERAL DEPOSIT.

(b)
(1)
(2) AT THE PRESENT TIME, DUE TO LACK OF DEVELOPMENT WORK, IT IS IMPOSSIBLE TO ESTIMATE THE PROBABLE ORE RESERVES. THEREFORE, ITEMS 1 AND 2 CANNOT BE ANSWERED AT THIS TIME.
(c) THE DEPOSIT IS LODE VEIN MATERIAL.

13. A GOOD COUNTY ROAD RUNS RIGHT TO THE PROPERTY. THE DISTANCE FROM THE GROUND TO THE NEAREST SHIPPING POINT IS TWENTY-FOUR MILES WHICH IS BATTLE MOUNTAIN, NEVADA. RESIDENCE IS MAINTAINED AT VALMY, NEVADA THAT IS ON THE SOUTHERN PACIFIC RAILROAD AND HIGHWAY 40 AND LOCATED THE SAME DISTANCE FROM THE MINE AS BATTLE MOUNTAIN, TWENTY-FOUR MILES.

14. AT THE PRESENT TIME AND FOR DEVELOPMENT PURPOSES WATER CAN BE HAULED TO THE PROPERTY FOR DRINKING AND MACHINE OPERATION. AS TO WATER FOR DRILLING MILLING OPERATIONS, WE HAVE NOT INVESTIGATED THAT SUBJECT. HOWEVER, WATER WOULD PROBABLY BE FOUND TO THE ADJACENT VALLEY BY DRILLING.

15. THE ONLY POWER NEEDED OR USED AT THE PRESENT TIME IS SUPPLIED BY A NEW GASOLINE-SMITH COMPRESSOR FOR DRILLING PURPOSES ON THE JOB.

16. ALL WORK ON THE MINE SO FAR HAS BEEN SUPPLIED BY THE OPERATOR AND A FRIEND. OPERATIONS UNDER A LOAN SHOULD NOT CALL FOR MORE THAN FOUR MEN TO START AS EXPLORATION AND DEVELOPMENT IS THE FIRST NECESSITY.

ESTHER LOIS TAYLOR
AND
CHARLES N. TAYLOR

— 1610 BEDFORD ROAD, SAN MARINO, CALIF.

— VALLEY, NEVADA.

DATE MAY 24, 1951.

17. A BRAND NEW GORDON-SMITH COMPRESSOR COSTING ABOUT EIGHTEEN HUNDRED DOLLARS WAS PURCHASED IN APRIL, 1951 FOR THE EXPLORATION CAMPAIGN. ENGINEERS, DRILLS, HOSE AND OTHER MECHANICAL DRILLING EQUIPMENT ARE ALSO ON THE GROUND. A JEEP TRUCK WAS PURCHASED (SECOND HAND) FOR AN AMOUNT OF ABOUT ONE THOUSAND DOLLARS FOR TRANSPORTATION PURPOSES. IN TOTALING EQUIPMENT COULD BE VALUED AT APPROXIMATELY THIRTY THREE HUNDRED DOLLARS, ALL THIS EQUIPMENT IS IN FINE WORKING ORDER.

18. IT HAS NOT BEEN EXPENDED FOR LEGAL OTHER PURPOSES IN EXCESS OF ONE THOUSAND DOLLARS SINCE THE LOCATION OF THE PROPERTY. NO DEBTS ARE OWED TO ANYONE. MR. N. M. DURRAN JR, SECRETARY OF THE SUPERIOR VALLEY MINES HAS BEEN ASSIGNED A ONE THIRD INTEREST IN THE PROPERTY FOR THE SERVICES HE HAS RENDERED AND HAS AGREED, AS HIS HEALTH WILL PERMIT, TO AID IN THE PURPOSED DEVELOPMENT OF THE MINE, THROUGH HIS ADVICE AND LABOR.

Form 14F-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA-1454X

Date received 5/31/51

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 13 1951
SAN FRANCISCO, CALIFORNIA

ESTHER LOIS TAYLOR -- 1610 Bedford Road, San Marino, Calif.
AND
CHARLES M. TAYLOR -- Valmy, Nevada.

Name and address of applicant

ALL DATA IS FURNISHED ON ATTACHED SHEETS.

Date MAY 24, 1951.

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

CHARLOU MINING COMPANY
(Name of company)

By Esther Lois Taylor
(Signature of authorized official)

OWNERS AND PARTNERS

MAY 24, 1951.
(Date)

Charles M Taylor
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 31 1951
LANDON F. STROBEL
Executive Secretary

ESTHER LOIS TAYLOR -- 1610 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR -- VALMY, NEVADA.

DATE MAY 24, 1951.

GENERAL TECHNICAL DATA

1. MATERIALS PRODUCED.
   (a) COPPER ORE
   (b) SILVER ORE

2. THE PROPERTY HAS BEEN NAMED THE CHARLOU MINES. THE GROUND WAS LOCATED ABOUT FORTY YEARS AGO BUT THE LOCATORS ALLOWED IT TO REVERT TO GOVERNMENT DOMAIN. OLD NAME OF PROPERTY IS UNKNOWN.
   (a) A VERTICAL SHAFT OF ABOUT THIRTY FEET WAS SUNK BY THE ORIGINAL PROSPECTORS. THIS SHAFT SHOWS COPPER BORNITE THAT ASSAYS 8.31 PERCENT COPPER AND 7.5 OZS. PER TON SILVER/ (AMERICAN SMELTING & REFINING COMPANY ASSAY) THE SILICA CONTENT OF THE ORE (ASSAYED BY KENNECOTT COPPER CORPORATION AT McGILL, NEVADA) IS IN EXCESS OF SIXTY PERCENT WHICH MAKES THE ORES DESIRED AS FLUX FOR COPPER SMELTERS AND THEREBY QUALIFIES FOR REDUCED SMELTER TREATMENT RATES.

   (b) A GLORY HOLE HAS BEEN STARTED BY THE APPLICANTS ON ORE THAT THEY UNCOVERED BY REMOVING THE OVERBURDEN WITH A BULLDOZER. THIS HOLE IS NOW ABOUT TEN FEET DEEP AND TEN FEET SQUARE. SORTED ORE FROM THIS HOLE NOW EXCEEDS SIX TONS, WITH AN ESTIMATED VALUE OF THREE AND A HALF PERCENT COPPER.

   (c) NONE.

   (d) THE BULLDOZER THAT WAS USED BY THE OWNERS ON THE SURFACE TO REMOVE OVERBURDEN HAS EXPOSED COPPER ORE FOR A DISTANCE OF APPROXIMATELY FIVE HUNDRED FEET. A NUMBER OF SMALL OPEN CUTS AT WIDELY DIFFERENT PLACES ON THE TWO CLAIMS EXPOSE COPPER ORE AND COPPER STAINS. OF COURSE, IT IS NEEDLESS TO SAY THAT THERE ARE NO WATER PROBLEMS.

3. (a) TWENTYFOUR MILES FROM BATTLE MOUNTAIN, NEVADA.

   (b) BATTLE MOUNTAIN MINING DISTRICT.

   (c) SECTION No. 26, TOWNSHIP 31 NORTH RANGE 42 EAST.

   (d) LANDER COUNTY, NEVADA.

4. (a) THE PROPERTY HAS BEEN IN OPERATION FOR THE LAST FOUR MONTHS BY THE OWNER AND ABOVE NAMED APPLICANT CHARLES M. TAYLOR

   (b) THE PROPERTY IS BEING OPERATED BY THE OWNER.

ESTHER LOIS TAYLOR — 1610 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 24, 1951.

GENERAL TECHNICAL DATA

5. THE PROPERTY HAS NEVER BEEN IN PRODUCTION BUT IT IS THE BELIEF OF THE OWNERS THAT A VERY LARGE COPPER DEPOSIT EXISTS AND THAT WITH SOME DEVELOPMENT FUNDS MADE AVAILABLE THE TRUE MERITS OF THE PROPERTY COULD BE SOON PROVEN. NO ESTIMATE OF WHEN PRODUCTION OF ORES OR SHIPPING THE SAME TO SMELTERS COULD NOW BE GIVEN. SUCH WOULD DEPEND UPON THE RESULTS OF EXPLORATION.

6. CHARLES M. TAYLOR, THE APPLICANT, HAS BEEN ENGAGED IN MINING OPERATIONS FOR THE LAST YEAR AND WITH, ESTHER LOIS TAYLOR, HAS EXPENDED A CONSIDERABLE AMOUNT OF MONEY IN MINING ENDEAVORS. HE HAS ALSO BEEN ENGAGED AIDING R. M. OSTRANDER, SECRETARY OF THE BUFFALO VALLEY MINES OF VALMY, NEVADA, IN DEVELOPING THAT PROPERTY IN MINING ORES FOR SHIPMENT TO SMELTERS. Mr. TAYLOR WILL CONTINUE TO MANAGE THE PROJECT AND BE AIDED IN BUSINESS MATTERS BY THE OTHER APPLICANT ESTHER LOIS TAYLOR WHO HAS HAD OFFICE AND BUSINESS EXPERIENCE WITH THE TEXACO OIL COMPANY OF CALIFORNIA.

7. (a) OVER THE ENTIRE PROPERTY THERE ARE IN EVIDENCE A NUMBER OF SMALL OPEN CUTS WHICH ALL EXPOSE COPPER ORE OR COPPER STAINS. A SHAFT OF ABOUT THIRTY FEET WAS SUNK BY THE OLDTIMERS ON A, LEAD OF COPPER BORNITE ORE. THE PROPERTY HAS NEVER BEEN IN PRODUCTION AND WE SUPPOSE THE UNPROFITABLE PRICE OF COPPER THAT PREVAILED DURING THE ORIGNAL OPERATIONS MADE THE VENTURE UNATTRACTIVE.

(b) APPROXIMATELY FOUR MILES TO THE SOUTHEAST LIES THE SUBSTANTIAL OLD COPPER AND GOLD PRODUCER, COPPER CANYON MINE. THEY HAVE PRODUCED ORES FOR YEARS AND ARE STILL IN PRODUCTION. COPPER BASIN MINES ARE ABOUT FIVE MILES DISTANT IN THE SAME DIRECTION. THE ENTIRE DISTRICT HAS FOR YEARS BEEN A LARGE PRODUCER OF COPPER ORES.

(c) NO GEOLOGICAL REPORTS ON THIS PROPERTY ARE AVAILABLE NOR DO THE PRESENT OWNERS (THE APPLICANTS) THINK THAT ANY HAVE EVER BEEN MADE. THE OWNERS HAVE A NUMBER OF ASSAYS TAKEN FROM THE SURFACE OUTCROPS OVER MOST OF THE GROUND. THESE ASSAYS ARE VERY ENCOURAGING AND WERE MADE BY KENNECOTT COPPER CORPORATION AT MCGILL, NEVADA AND THE AMERICAN SMELTING AND REFINING COMPANY, SALT LAKE CITY. THE ASSAYS ARE AVAILABLE UPON REQUEST. THE ORE DEPOSITION SEEMS TO BE IN OR NEAR THE LIMESTONES. NOT ENOUGHT WORK HAS YET BEEN PERFORMED TO EXACTLY DETERMINE THE EXISTING GEOLOGY. FROM THE SURFACE SHOWINGS OF COPPER THAT WE HAVE EXPOSED BY REMOVING THE OVERBURDEN WITH A BULLDOZER, IT APPEARS THAT THE DEPOSIT WILL PROVE TO BE QUITE EXTENSIVE.

8. THIS IS A PARTNERSHIP COMPANY. THE OWNERS AND THEIR ADDRESSES ARE LISTED BELOW.

CHARLES M. TAYLOR	VALMY, NEVADA.
ESTHER LOIS TAYLOR	1610 BEDFORD ROAD, SAN MARINO, CALIFORNIA.

ESTHER LOIS TAYLOR
AND
CHARLES M. TAYLOR

-- 1810 BEDFORD ROAD, SAN MARINO, CALIF.

-- VALMY, NEVADA.

DATE MAY 24, 1951.

GENERAL TECHNICAL DATA.

9. WE ARE NOT INCORPORATED. CHARLOU MINES ARE A PARTNERSHIP OWNED BY ESTHER LOIS TAYLOR AND CHARLES M. TAYLOR,

10. (1)
(2) NO COMMENT AS PROPERTY HAS NEVER BEEN IN PRODUCTION.
(3)

11. NO PRODUCTION.

12. (a) ORES ASSAYED HAVE A SILICA CONTENT EXCEEDING SIXTY PERCENT THAT MAKE THEM VERY DESIRABLE FOR FLUX AT COPPER SMELTERS. IT APPEARS THAT THE DEPOSIT IS ASSOCIATED WITH THE LIMESTONES. ORES HAVE BEEN EXPOSED FOR APPROXIMATELY FIVE HUNDRED FEET BY REMOVING THE OVERBURDEN. AS YET, THE WIDTH OF THE VEIN OR THE LENGTH OF THE VEIN HAS NOT BEEN DERTERMINED. THE SUPPOSED STRIKE OF THE ORE BODY OR BEDDING PLANE IS NORTHWEST AND SOUTHEAST. NO GEOLOGY REPORTS HAVE EVER BEEN MADE BUT, OF COURSE, THE SURFACE EXPOSURES INDICATE A CONSIDERABLE MINERAL DEPOSIT.

(b)
(1)
(2) AT THE PRESENT TIME, DUE TO LACK OF DEVELOPMENT WORK, IT IS IMPOSSIBLE TO ESTIMATE THE PROBABLE ORE RESERVES. THEREFORE, ITEMS 1 AND 2 CANNOT BE ANSWERED AT THIS TIME.
(c) THE DEPOSIT IS LODE VEIN MATERIAL.

13. A GOOD COUNTRY ROAD RUNS RIGHT TO THE PROPERTY. THE DISTANCE FROM THE GROUND TO THE NEAREST SHIPPING POINT IS TWENTYFOUR MILES WHICH IS BATTLE MOUNTAIN, NEVADA. RESIDENCE IS MAINTAINED AT VALMY, NEVADA THAT IS ON THE SOUTHERN PACIFIC RAILROAD AND HIGHWAY 40 AND LOCATED THE SAME DISTANCE FROM THE MINE AS BATTLE MOUNTAIN, TWENTYFOUR MILES.

14. AT THE PRESENT TIME AND FOR DEVELOPMENT PURPOSES WATER CAN BE HAULED TO THE PROPERTY FOR DRINKING AND MACHINERY OPERATION. AS TO WATER FOR LARGE MILLING OPERATIONS, WE HAVE NOT INVESTAGATED THAT SUBJECT. HOWEVER, WATER WOULD PROBABLY BE FOUND IN THE ADJACENT VALLEY BY DRILLING

15. THE ONLY POWER NEEDED OR USED AT THE PRESENT TIME IS SUPPLIED BY A NEW GORDON-SMITH COMPRESSOR FOR DRILLING PURPOSES IN THE ORES.

16. ALL WORK ON THE MINE SO FAR HAS BEEN SUPPLIED BY THE OPERATOR AND A FRIEND. OPERATIONS UNDER A LOAN SHOULD NOT CALL FOR MORE THAN FOUR MEN TO START AS EXPLORATION AND DEVELOPMENT IS THE FIRST NECESSITY.

ESTHER LOIS TAYLOR
AND
CHARLES M. TAYLOR

-- 1610 BEDFORD ROAD, SAN MARINO, CALIF.

-- VALLEY, NEVADA.

DATE MAY 24, 1951.

17. A BRAND NEW GORDON-SMITH COMPRESSOR COSTING ABOUT EIGHTEEN HUNDRED DOLLARS WAS PURCHASED IN APRIL, 1951 FOR THIS EXPLORATION CAMPAIGN. JACKHAMMER, DRILLS, HOSE AND OTHER NECESSARY DRILLING EQUIPMENT ARE ALSO ON THE GROUND. A JEEP TRUCK WAS PURCHASED (SECOND HAND) FOR AN AMOUNT OF ABOUT ONE THOUSAND DOLLARS FOR TRANSPORTATION PURPOSES. IN TOTAL THIS EQUIPMENT WOULD BE VALUED AT APPROXIMATLEY THIRTY THREE HUNDRED DOLLARS. ALL THIS EQUIPMENT IS IN FINE WORKING ORDER.

18. THERE HAS NOW BEEN EXPENDED FOR DEVELOPMENT PURPOSES IN EXCESS OF ONE THOUSAND DOLLARS SINCE THE LOCATION OF THE PROPERTY. NO DEBTS ARE OWED TO ANYONE. Mr. R. M. OSTRANDER, SECRETARY OF THE BUFFALO VALLEY MINES HAS BEEN ASSIGNED A ONE THIRD INTEREST IN THE PROPERTY FOR THE SERVICES HE HAS RENDERED AND HAS AGREED, AS HIS HEALTH WILL PERMIT, TO AID IN THE PURPOSED DEVELOPMENT OF THE MINE, THROUGH HIS ADVISE AND LABOR.

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-1454X

Date received 5/31/51

Participation

ESTHER LOIS TAYLOR
AND
CHARLES M. TAYLOR

1610 BEDFORD ROAD, SAN MARINO, CALIF.

VALMY, NEVADA.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 13 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date

ALL DATA IS FURNISHED ON ATTACHED SHEETS.

FILL IN THIS BLOCK

Date of application MAY 24, 1951.

Estimated cost SIX THOUSAND DOLLARS

Mineral or metal COPPER ORE DEPOSIT

Percentage of Government participation 50%

Location of mine SECTION 26, TOWNSHIP 31 NORTH RANGE 42 EAST - LANDER COUNTY NEVADA.

Date of filing MF-100 MAY 24, 1951.

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?
*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?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in 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.
    (*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.
*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.
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:
    (*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.)
    (*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?
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.

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.

CHARLOU MINING COMPANY
(Name of company)

By OWNERS AND PARTNERS
(Signature of authorized official)

MAY 24, 1951.
(Date)

Charles M. Taylor
(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

ESTHER LOIS TAYLOR — I6IO BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 24, I95I.

THE APPLICANT

I. ALL THESE
2. QUESTIONS
3. ARE ANSWERED
4. IN FORM
5. (FORM MF-IOO IS ATTACHED) MF-IOO

6. THERE ARE NO LIENS, ENCUMBRANCES, CLAIMS OR DEBTS AGAINST THE PROPERTY.

7. THE PROPERTY IS AND WILL CONTINUE TO BE OPERATED BY THE OWNERS.

8. AT THE PRESENT TIME THERE IS NO FINANCIAL STATEMENT TO RENDER. THE PROPERTY IS NOT IN PRODUCTION. THE OWNERS HAVE EXPENDED IN EXCESS OF ONE THOUSAND DOLLARS FOR LABOR AND MATERIAL COSTS AS WELL AS RENTAL ON A CATERPILLAR BUT NOT COUNTING EQUIPMENT THAT IS ON THE GROUND.

9. THE APPLICANT, AS STATED IN FORM MF-IOO, HAS MINING EQUIPMENT, AIR COMPRESSOR, JACKHAMMER, DRILLS AS WELL AS A JEEP TRUCK FOR TRANSPORTATION. TOTAL VALUE OF SUCH EQUIPMENT IS CONSERVATIVELY ESTIMATED TO BE WORTH IN EXCESS OF THREE THOUSAND DOLLARS. THEREFORE, WE FEEL THAT UNDER THE GOVERNMENT PARTECIPATION ACT THIS SHOULD BE SUFFICIENT TO COMPLY WITH THE REQUIREMENTS.

THE PROPERTY

IO. (a) WE DO NOT UNDERSTAND THIS QUESTION.
(b) AS STATED IN FORM MF-IOO, THE TWO COPPER MINING CLAIMS ARE LOCATED IN SECTION 26, TOWNSHIP 3I NORTH RANGE 42 EAST OR AS RECORDED IN THE OFFICE OF THE COUNTY RECORDER OF LANDER COUNTY, NEVADA. BOTH (a) and (b) AREAS ARE THE SAME.

II. THE PRESENT NAME OF THE PROPERTY IS THE CHARLOU MINES COMPANY. WE CAN FIND NO RECORD OF WHAT THE OLDTIMERS OR ORIGNAL LOCATORS CALLED THE PROPERTY.

I2. TWO GOOD COUNTRY ROADS RUN TO THE PROPERTY. ONE COMES FROM VALMY NEVADA AND THE OTHER COMES FROM BATTLE MOUNTAIN. THE ROAD FROM BATTLE MOUNTAIN IS A VERY GOOD COUNTRY ROAD AND SOMEWHAT BETTER THAN THE ROAD COMING FROM VALMY. BOTH ROADS JOIN NEAR THE PROPERTY AND RUN RIGHT TO THE GROUND. THE SOUTHERN PACIFIC RAILROAD AS WELL AS THE U. S. HIGHWAY 40 BOTH RUN THROUGH VALMY AND BATTLE MOUNTAIN.

I3. ONLY VERY SMALL AMOUNTS OF WATER IS REQUIRED IN THE PROPOSED DEVELOPMENT CAMPAIGN AND SUCH WATER WILL BE HAULED FROM LOCAL TOWNS. THE ONLY POWER NEEDED IN THE MINING OF THIS ORE FOR SHIPPING WILL BE SUPPLIED BY THE AIR COMPRESSOR.

I4. THERE ARE NO FACILITIES ON THE GROUND THAT CAN BE UTILIZED.

ESTHER LOIS TAYLOR -- I6 IO BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR VALMY, NEVADA.

DATE MAY 24, I95I.

I5. THE ORE WOULD BE HAULED TO BATTLE MOUNTAIN TO THE RAILROAD THERE AND SHIPPED TO THE KENNECOTT COPPER SMELTER AT MCGILL, NEVADA AS THE ORE HAS ENOUGH SILICA CONTENT TO MAKE IT VERY DESIRABLE FOR FLUX IN COPPER SMELTING, IT WOULD THEREBY DEMAND A PREMIUM IN TREATMENT CHARGES. HAULING COSTS FROM THE MINE TO THE RAILROAD WOULD BE BETWEEN TWO AND THREE DOLLARS A TON.

I6. (a) THESE ITEMS WERE
(b) ANSWERED IN
(c) FORM MF-IOO

I7. ANSWERED IN FORM MF-IOO

I8. (a) THESE ITEM WERE
(b) ANSWERED IN
(c) FORM MF-IOO

I9. WE CAN THINK OF NO OTHER COMMENTS CONCERNING THE PROPERTY.

THE EXPLORATION

20. THE EXPLORATION WILL BE CONDUCTED FOR THE PRINCIPLE PURPOSE OF DEVELOPING SUFFICIENT COPPER ORE TO WARRANT CONTINUED OPERATION OF THE PROPERTY AND THE SHIPPING OF SUCH ORES TO SMELTERS.

2I. BEING THAT OUR RECENT WORK ON THE SURFACE HAS EXPOSED SUCH AN APPARENT DEPOSIT OF COPPER IN LARGE AMOUNTS, AND THE VALUES, AT THE SURFACE, ARE ABOUT SHIPPING GRADE OF ORE, WE FEEL THAT WITH SOME DEPTH BEING GAINED A MORE CONCENTRATION OF VALUES WILL OCCUR. THEREFORE, WE DESIRE TO SINK A SHAFT OF ABOUT ONE HUNDRED FEET IN DEPTH. WE ESTIMATE THAT THE WORK CAN BE COMPLETED WITHIN SIXTY DAYS.

22. WE BELIEVE THAT THE FIRST PART OF THIS QUESTION IS ANSWERED IN THE ABOVE PARAGRAPH. IT IS IMPOSSIBLE TO FURNISH GEOLOGICAL MAPS , MAPS OF THE PROPOSED OPENINGS AND THE OTHER ITEMS MENTIONED IN THE QUESTION. FUNDS HAVE NOT BEEN AVAILABLE TO HIRE SUCH EXPERTS AND SECURE THIS INFORMATION. HOWEVER, WE ARE ATTACHING A LIST OF ASSAYS OF THE ORES OF THE PROPERTY. THESE ASSAYS WILL BE MARKED SURFACE OR OTHERWISE.

ESTHER LOIS TAYLOR — 1610 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 24, 1951.

THE REQUIREMENTS AND COSTS.

23. (a) THE PROPOSED WORK WILL REQUIRE TWO MINERS AND TWO MUCKERS. MINERS AT TWELVE DOLLARS PER DAY AND MUCKERS AT TENDOLLARS PER DAY.

(b) CHARLES M. TAYLOR WILL BE THE MANAGER AND WILL DRAW A REASONABLE SALARY OF TWELVE DOLLARS PER DAY.

(c) ALL, WORKERS WILL BE QUARTERED EITHER IN BATTLE MOUNTAIN OR VALMY AND NO LIVING FACILITIES WILL BE PROVIDED AT THE PROPERTY UNLESS THE PROPOSED DEVELOPMENT OF THE ORE BODIES LATER WARRANT SUCH INSTALLATIONS. IT IS ONLY AN HOURS DRIVE FROM EITHER BATTLE MOUNTAIN OR VALMY TO THE PROPERTY AND WORKERS WILL BE TRANSPORTATED EACH WAY EACH DAY.

(d) THIS QUESTION WE BELIEVE IS ANSWERED IN THE ABOVE PARAGRAPH.

(e) IT WILL BE NECESSARY TO PURCHASE A MINE HOIST AND THE ESTIMATED COST WILL BE ABOUT SIX HUNDRED DOLLARS WITH CABLE. TIMBERS TO THE COST OF ABOUT THREE HUNDRED DOLLARS WILL BE NECESSARY.

(f) THE AIR COMPRESSOR AND MINING EQUIPMENT, AS WELL AS THE TRUCK FOR TRANSPORATION PURPOSES, SHOULD DEMAND ABOUT THIRTYFIVE DOLLARS PER DAY.

35-
30
105

(g) THE OPERATOR DOES NOT PROPOSE TO RENT ANY EQUIPMENT.

(h) POWDER, FUSE AND CAPS. ESTIMATED $50.00. SHOVELLS, PICKS AND OTHER SMALL ITEMS $50.00

(i) GASOLINE AND OIL FOR TRANSPORATION AND COMPRESSOR WILL AMOUNT TO ABOUT ONE HUNDRED DOLLARS DURING THE PROJECT.

24. THE PROPOSED DEVELOPMENT SHAFT SHOULD BE COMPLETED WITHIN SIXTY DAYS. I BELIEVE THAT YOU WILL FIND THAT WITH ALL EXPENSES FIGURED AS NUMERATED ABOVE, THE PROJECT WILL REQUIRE THE STATED AMOUNT OF SIX THOUSAND DOLLARS.

ESTHER LOIS TAYLOR — 1610 BELFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 24, 1951.

ASSAYS FROM SAMPLES OF ORES ON THE

PROPERTY OF CHATLOU MINES.

FOR THE INFORMATION OF THE DEFENSE MINERALS ADMINISTRATION.

DATE MARCH 19th, 1951.

		SILVER	COPPER
No. 1.	SAMPLE FROM OLD SHAFT DUMP.	7.5	8.51
No. 2.	" " " " " . SHOWING SOME LEAD.	0.8	4.15
No. 3.	GLORY HOLE ORE. FIFTY FEET EAST OF SHAFT.	0.3	2.68
No. 4.	SURFACE OUTCROPS. ONE HUNDRED FEET EAST OF SHAFT.	0.6	0.33
No. 5.	SURFACE OUTCROP. NINETY FEET EAST EAST OF SHAFT	0.1	1.41
No. 6.	SURFACE OUTCROP. ONE HUNDRED TWENTY FEET EAST OF SHAFT	0.4	1.41.

ABOVE ASSAYS BY THE AMERICAN SMELTING AND REFINING CO.

DATE 7th, 1951. MARCH.

No. 1.	SORTED ORE. GLORY HOLE. (TWENTY LB. SAMPLE)	1.7	8.21

ABOVE ASSAY AMERICAN SMELTING & REFINING CO.

DATE. APRIL 16th, 1951.

No. 1.	COMBINED SAMPLE OF GLORY HOLE DUMP. DATED O.E.	0.3	5.26
No. 2.	HIGH GRADE. GLORY HOLE. PICKED SAMPLE.	0.3	8.09
No. 3.	GLORY HOLE ORE AS SORTED. ON DUMP.	0.3	5.26

ABOVE SAMPLES ASSAYED BY AMERICAN SMELTING & REFINING CO

DATE APRIL 8, 1951.

No. 1.	CHECK SAMPLE OF GLORY HOLE ORE. TAKEN FIFTY FEET.	.12	5.30
No. 2.	CHECK SAMPLE. HOLE No. 2. One HUNDRED EAST EAST OF SHAFT AND GAVE EXTRA GOOD VALUES BEFORE.	.10	5.38
No. 3.	THIS HOLE IS FIFTY NORTH OF SHAFT. OUTCROPS.	4.36	6.22

ABOVE ASSAYS BY KENNECOTT COPPER CORP. MOGUL, NEVADA.

DATE. MAY 8, 1951.

No. 1.	PICK AT THE BOTTOM OF GLORY HOLE.	0.1	6.16
No. 2.	DUMP SAMPLE. FIVE HUNDRED FEET ABOVE OLD SHAFT DOWN ORE.	0.2	NONE.

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-1454X

Date received 5/31/51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 13 1951
SAN FRANCISCO, CALIFORNIA

ESTHER LOIS TAYLOR AND CHARLES M. TAYLOR
1610 BEDFORD ROAD, SAN MARINO, CALIF.
WALMY, NEVADA.

Name and address of applicant

ALL DATA IS FURNISHED ON ATTACHED SHEETS.

Date

FILL IN THIS BLOCK

Date of application MAY 24, 1951

Estimated cost SIX THOUSAND DOLLARS

Mineral or metal COPPER ORE DEPOSIT

Percentage of Government participation 50%

Location of mine SECTION 26, TOWNSHIP 31 NORTH RANGE 42 EAST -- LANDER COUNTY NEVADA.

Date of filing MF-100 MAY 24, 1951

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?
*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?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in 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.
    (*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.
*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.
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:
    (*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.)
    (*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?
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.

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.

CHARLOU MINING COMPANY
(Name of company)

By Charles M. Taylor
(Signature of authorized official)

MAY 24, 1951.
(Date)

OWNERS AND PARTNERS
(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

ESTHER LOIS TAYLOR — 1610 BELFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 24, 1951.

THE APPLICANT

1. ALL THESE
2. QUESTIONS
3. ARE ANSWERED
4. IN FORM
5. (FORM MF-100 IS ATTACHED) MF-100

6. THERE ARE NO LIENS, ENCUMBRANCES, CLAIMS OR DEBTS AGAINST THE PROPERTY.

7. THE PROPERTY IS AND WILL CONTINUE TO BE OPERATED BY THE OWNERS.

8. AT THE PRESENT TIME THERE IS NO FINANCIAL STATEMENT TO RENDER. THE PROPERTY IS NOT IN PRODUCTION. THE OWNERS HAVE EXPENDED IN EXCESS OF ONE THOUSAND DOLLARS FOR LABOR AND MATERIAL COSTS AS WELL AS RENTAL ON A CATERPILLAR BUT NOT COUNTING EQUIPMENT THAT IS ON THE GROUND.

9. THE APPLICANT, AS STATED IN FORM MF-100, HAS MINING EQUIPMENT, AIR COMPRESSOR, JACKHAMMER, DRILLS AS WELL AS A JEEP TRUCK FOR TRANSPORTATION. TOTAL VALUE OF SUCH EQUIPMENT TO CONSERVATIVELY ESTIMATED TO BE WORTH IN EXCESS OF THREE THOUSAND DOLLARS. THEREFORE, WE FEEL THAT UNDER THE GOVERNMENT PARTICIPATION ACT THIS SHOULD BE SUFFICIENT TO COMPLY WITH THE REQUIREMENTS.

THE PROPERTY

10. (a) WE DO NOT UNDERSTAND THIS QUESTION.
(b) AS STATED IN FORM MF-100, THE TWO COPPER MINING CLAIMS ARE LOCATED IN SECTION 28, TOWNSHIP 31 NORTH RANGE 42 EAST OR AS RECORDED IN THE OFFICE OF THE COUNTY RECORDER OF LANDER COUNTY, NEVADA. BOTH (a) and (b) AREAS ARE THE SAME.

11. THE PRESENT NAME OF THE PROPERTY IS THE CHARLOU MINING COMPANY. WE CAN FIND NO RECORD OF WHAT THE OLDTIMERS OR ORIGINAL LOCATORS CALLED THE PROPERTY.

12. TWO GOOD COUNTRY ROADS RUN TO THE PROPERTY. ONE COMES FROM VALMY NEVADA AND THE OTHER COMES FROM BATTLE MOUNTAIN. THE ROAD FROM BATTLE MOUNTAIN IS A VERY GOOD COUNTRY ROAD AND SOMEWHAT BETTER THAN THE ROAD COMING FROM VALMY. BOTH ROADS JOIN NEAR THE PROPERTY AND RUN RIGHT TO THE GROUND. THE SOUTHERN PACIFIC RAILROAD AS WELL AS THE U. S. HIGHWAY 40 BOTH RUN THROUGH VALMY AND BATTLE MOUNTAIN.

13. ONLY VERY SMALL AMOUNTS OF WATER IS REQUIRED IN THE PROPOSED DEVELOPMENT CAMPAIGN AND SUCH WATER WILL BE HAULED FROM LOCAL TOWNS. THE ONLY POWER NEEDED IN THE MINING OF THIS ORE FOR SHIPPING WILL BE SUPPLIED BY THE AIR COMPRESSOR.

14. THERE ARE NO FACILITIES ON THE GROUND THAT CAN BE UTILIZED.

ESTHER LOIS TAYLOR — 16 10 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR VALMY, NEVADA.

DATE MAY 24, 1951.

15. THE ORE WOULD BE HAULED TO BATTLE MOUNTAIN TO THE RAILROAD THERE AND SHIPPED TO THE KENNECOTT COPPER SMELTER AT MCGILL, NEVADA AS THE ORE HAS ENOUGH SILICA CONTENT TO MAKE IT VERY DESIRABLE FOR FLUX IN COPPER SMELTING, IT WOULD THEREBY DEMAND A PREMIUM IN TREATMENT CHARGES. HAULING COSTS FROM THE MINE TO THE RAILROAD WOULD BE BETWEEN TWO AND THREE DOLLARS A TON.

16. (a) THESE ITEMS WERE
(b) ANSWERED IN
(c) FORM MF-100

17. ANSWERED IN FORM MF-100

18. (a) THESE ITEM WERE
(b) ANSWERED IN
(c) FORM MF-100

19. WE CAN THINK OF NO OTHER COMMENTS CONCERNING THE PROPERTY.

THE EXPLORATION

20. THE EXPLORATION WILL BE CONDUCTED FOR THE PRINCIPLE PURPOSE OF DEVELOPING SUFFICIENT COPPER ORE TO WARRANT CONTINUED OPERATION OF THE PROPERTY AND THE SHIPPING OF SUCH ORES TO SMELTERS.

21. BEING THAT OUR RECENT WORK ON THE SURFACE HAS LAID BARE SUCH AN APPARENT DEPOSIT OF COPPER IN LARGE AMOUNTS, AND THE VALUES, AT THE SURFACE, ARE ABOUT SHIPPING GRADE OF ORE, WE FEEL THAT WITH SOME DEPTH BEING GAINED A MORE CONCENTRATION OF VALUES WILL OCCUR. TO BEFORE, WE DESIRE TO SINK A SHAFT OF ABOUT ONE HUNDRED FEET IN DEPTH. WE ESTIMATE THAT THE WORK CAN BE COMPLETED WITHIN SIXTY DAYS.

22. WE BELIEVE THAT THE FIRST PART OF THIS QUESTION IS ANSWERED IN THE ABOVE PARAGRAPH. IT IS IMPOSSIBLE TO FURNISH GEOLOGICAL MAPS, MAPS OF THE PROPOSED OPENINGS AND THE OTHER ITEMS MENTIONED IN THE QUESTION. FUNDS HAVE NOT BEEN AVAILABLE TO HIRE SUCH EXPERTS AND SECURE THIS INFORMATION. HOWEVER, WE ARE ATTACHING A LIST OF ASSAYS OF THE ORES OF THE PROPERTY. THESE ASSAYS WILL BE MARKED SURFACE OR OTHERWISE.

ESTHER LOIS TAYLOR — 1810 BELFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALLEY, NEVADA.

DATE MAY 24, 1951.

THE REQUIREMENTS AND COSTS.

23. (a) THE PROPOSED WORK WILL REQUIRE TWO MINERS AND TWO MUCKERS. MINERS AT TWELVE DOLLARS PER DAY AND MUCKERS AT TENDOLLARS PER DAY.

(b) CHARLES M. TAYLOR WILL BE THE MANAGER AND WILL DRAW A REASONABLE SALARY OF TWELVE DOLLARS PER DAY.

(c) ALL WORKERS WILL BE QUARTERED EITHER IN BATTLE MOUNTAIN OR VALLEY AND NO LIVING FACILITIES WILL BE PROVIDED AT THE PROPERTY UNLESS THE PROPOSED DEVELOPMENT OF THE ORE BODIES LATER WARRANT SUCH INSTALLATIONS. IT IS ONLY AN HOURS DRIVE FROM EITHER BATTLE MOUNTAIN OR VALLEY TO THE PROPERTY AND WORKERS WILL BE TRANSPORTATED EACH WAY EACH DAY.

(d) THIS QUESTION WE BELIEVE IS ANSWERED IN THE ABOVE PARAGRAPH.

(e) IT WILL BE NECESSARY TO PURCHASE A HAND HOIST AND THE ESTIMATED COST WILL BE ABOUT SIX HUNDRED DOLLARS WITH CABLE. TIMBERING TO THE COST OF ABOUT THREE HUNDRED DOLLARS WILL BE NECESSARY.

(f) THE AIR COMPRESSOR AND MINING EQUIPMENT, AS WELL AS THE TRUCK FOR TRANSPORTATION PURPOSES, SHOULD DEMAND ABOUT THIRTYFIVE DOLLARS PER DAY.

(g) THE OPERATOR DOES NOT PROPOSE TO RENT ANY EQUIPMENT.

(h) POWDER, FUSE AND CAPS. ESTIMATED $50.00. SHOVELS, PICKS AND OTHER SMALL ITEMS $50.00

(i) GASOLINE AND OIL FOR TRANSPORTATION AND COMPRESSOR WILL AMOUNT TO ABOUT ONE HUNDRED DOLLARS DURING THE PROJECT.

24. THE PROPOSED DEVELOPMENT SHAFT SHOULD BE COMPLETED WITHIN SIXTY DAYS. I BELIEVE THAT YOU WILL FIND THAT WITH ALL EXPENSES FIGURED AS NUMERATED ABOVE, THE PROJECT WILL REQUIRE THE STATED AMOUNT OF SIX THOUSAND DOLLARS.

ESTHER LOIS TAYLOR — 1610 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 24, 1951.

ASSAYS FROM SAMPLES OF ORES ON THE

PROPERTY OF CHATLOU MINES.

FOR THE INFORMATION OF THE DEFENSE MINERALS ADMINISTRATION.

DATE MARCH 19th, 1951.

		SILVER	COPPER
No. 1.	SAMPLE FROM OLD SHAFT DUMP.	7.5	8.31
No. 2.	" " " " " . SHOWING SOME LIME.	0.3	4.15
No. 3.	GLORY HOLE ORE. FIFTY FEET EAST OF SHAFT.	0.3	2.63
No. 4.	SURFACE OUTCROPS. ONE HUNDRED FEET EAST OF SHAFT.	0.6	6.33
No. 5.	SURFACE OUTCROP. NINETY FEET EAST SOUTH OF SHAFT	0.1	1.41
No. 6.	SURFACE OUTCROP. ONE HUNDRED TWENTY FEET EAST OF SHAFT	0.4	1.41.

ABOVE ASSAYS BY THE AMERICAN SMELTING AND REFINING CO.

DATE 7thh, 1951. MARCH.

No. 1.	SORTED ORE. GLORY HOLE. (TWENTY LB. SAMPLE)	1.7	8.21

ABOVE ASSAY AMERICAN SMELTING &REFINING CO.

DATE. APRIL 16th, 1951.

No. 1.	COMBINED SAMPLE OF GLORY HOLE DUMP. BETTER ORE.	0.3	5.36
No. 2.	HIGH GRADE. GLORY HOLE. PICKED SAMPLE.	0.3	8.09
No. 3.	GLORY HOLE ORE AS SORTED. ON DUMP.	0.3	5.23

ABOVE SAMPLES ASSAYED BY AMERICAN SMELTING & REFINING CO

DATE APRIL 3, 1951.

No. 1.	CHECK SAMPLE OF GLORY HOLE ORE. THREE FEET WIDE.	.12	5.36
No. 2.	CHECK SAMPLE. HOLE No. 2. One HUNDRED FEET EAST OF SHAFT AND GAVE EXTRA GOOD VALUES BEFORE.	.20	5.38
No. 3.	THIS HOLE IS FIFTY NORTH OF SHAFT. OUTCROPS.	1. 04	6.24

ABOVE ASSAYS BY KENNECOTT COPPER CORP. MCGILL, NEVADA.

DATE. MAY 3, 1951.

No. 1.	FACE AT THE BOTTOM OF GLORY HOLE.	0.1	6.16
No. 2.	DUMP SAMPLE. FIVE HUNDRED FEET ABOVE OLD SHAFT BROWN ORE.	0.2	NONE.

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-1454 X

Date received 5/31/51

Participation

ESTHER LOIS TAYLOR
AND
CHARLES M. TAYLOR

16 TO BEDFORD ROAD, SAN MARINO, Calif.
VALMY, NEVADA.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 13 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date

ALL DATA IS FURNISHED ON ATTACHED SHEETS.

FILL IN THIS BLOCK

Date of application MAY 24, 1951.

Estimated cost SIX THOUSAND DOLLARS

Mineral or metal COPPER ORE DEPOSIT

Percentage of Government participation 50%

Location of mine SECTION 26, TOWNSHIP 31 NORTH RANGE 42 EAST - LANDER COUNTY NEVADA.

Date of filing MF-100 MAY 24, 1951.

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?
*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?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in 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.
    (*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.

*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.

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:
    (*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.)
    (*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?

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.

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.

CHARLOU MINING COMPANY
(Name of company)

By _____
(Signature of authorized official)

MAY 24, 1951.
(Date)

OWNERS AND PARTNERS.
(Title)

Charles M. Taylor

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

MOTHER LOIS TAYLOR — 1000 BELFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALLEY, NEVADA.

DATE MAY 14, 1951.

THE APPLICANT

1. ARE THERE
2. QUESTIONS
3. AND ANSWERED
4. IN FORM
5. (FORM NF-100 IS ATTACHED) NF-100

6. THERE ARE NO LIENS, MORTGAGES, CLAIMS OR DEBTS AGAINST THE PROPERTY.

7. THE PROPERTY IS AND WILL CONTINUE TO BE OPERATED BY THE OWNERS.

8. AT THE PRESENT TIME THERE IS NO FINANCIAL STATEMENT TO OFFER. THE PROPERTY IS NOT IN PRODUCTION. THE OWNERS HAVE EXPENDED IN EXCESS OF ONE THOUSAND DOLLARS FOR LABOR AND MATERIAL COSTS AS WELL AS RENTAL ON A CATERPILLAR BUT NOT CONSTITUTING EQUIPMENT THAT IS ON THE GROUND.

9. THE APPLICANT, AS STATED IN FORM NF-100, HAS MINING EQUIPMENT, AIR COMPRESSOR, JACKHAMMERS, DRILLS AS WELL AS A JEEP TRUCK FOR TRANSPORTATION. TOTAL VALUE OF SUCH EQUIPMENT IS CONSERVATIVELY ESTIMATED TO BE WORTH IN EXCESS OF TWO THOUSAND DOLLARS. THEREFORE, WE FEEL THAT UNDER THE GOVERNMENT PARTICIPATION ACT THIS SHOULD BE SUFFICIENT TO COMPLY WITH THE REQUIREMENTS.

THE PROPERTY

10. (a) WE DO NOT UNDERSTAND THIS QUESTION.
(b) AS STATED IN FORM NF-100, THE TWO COPPER MINING CLAIMS ARE LOCATED IN SECTION 28, TOWNSHIP 31 NORTH RANGE 42 EAST M.D.M. AS RECORDED IN THE OFFICE OF THE COUNTY RECORDER OF LANDER COUNTY, NEVADA. BOTH (a) AND (b) ARE AS ABOVE THE SAME.

11. THE PRESENT NAME OF THE PROPERTY IS THE CHARLOU MINING COMPANY. WE CAN FIND NO RECORD OF WHAT THE SETTLERS OR ORIGINAL LOCATORS CALLED THE PROPERTY.

12. TWO GOOD COUNTRY ROADS RUN TO THE PROPERTY. ONE COMES FROM VALLEY NEVADA AND THE OTHER COMES FROM BATTLE MOUNTAIN. THE ROAD FROM BATTLE MOUNTAIN IS A VERY GOOD COUNTRY ROAD AND CONSIDERABLY BETTER THAN THE ROAD COMING FROM VALLEY. BOTH ROADS JOIN NEAR THE PROPERTY AND RUN RIGHT TO THE GROUND. THE SOUTHERN PACIFIC RAILROAD AS WELL AS THE U. S. HIGHWAY 40 BOTH RUN THROUGH VALLEY AND BATTLE MOUNTAIN.

13. ONLY VERY SMALL AMOUNTS OF WATER IS REQUIRED IN THE PROPOSED DEVELOPMENT CAMPAIGN AND SUCH WATER WILL BE HAULED FROM NEARBY TOWNS. THE ONLY POWER REQUIRED IN THE MINING OF THIS ORE FOR DRILLING WILL BE SUPPLIED BY THE AIR COMPRESSOR.

14. THERE ARE NO FACILITIES ON THE GROUND THAT CAN BE UTILIZED.

LOTHER LOTO TAYLOR -- 16 10 9 [illegible] ROAD, [illegible], CALIF.
AND
CHARLES N. TAYLOR VALLEY, NEVADA.

DATE MAY 21, 1951.

16. THE ORE WOULD BE HAULED TO DARWIN MOUNTAIN TO THE [illegible] AND SHIPPED TO THE NEAREST COAL SEEN AT [illegible], NEVADA AS THE ORE HAS ENOUGH SILICA CONTENT TO MAKE IT VERY [illegible] FOR USE IN COPPER SMELTING. IT WOULD [illegible] DEPENDS A BUSINESS IN METALLIC [illegible]. [illegible] COST FROM THE MINE TO THE [illegible] WOULD BE [illegible] TO MAKE DEPENDS A TON.

18. (a) THIS [illegible]
(b) [illegible] IN
(c) FORM MP-100

17. [illegible] IN FORM MP-100

19. (a) [illegible]
(b) [illegible] IN
(c) FORM MP-100

20. [illegible] OF [illegible] SIX.

[illegible]

20. THE [illegible] HAS BEEN CONDUCTED FOR THE PURPOSE OF [illegible] OF THE PROPERTY AND THE [illegible] OF [illegible] TO [illegible].

21. [illegible] A SHAFT [illegible] IN [illegible] AT THE [illegible], [illegible] FEET DEEP. [illegible] DEPTH [illegible] A [illegible] OF [illegible] [illegible]. [illegible] IN DEPTH. [illegible] THE [illegible] MANY DAYS.

22. [illegible] OF THE [illegible] IN [illegible] PARAGRAPH. [illegible] THE [illegible] AND [illegible] THE [illegible] [illegible] THE [illegible] [illegible] AVAILABLE [illegible] AND [illegible] THE [illegible]. [illegible] A [illegible] OF [illegible] OF THE [illegible] OF THE [illegible]. [illegible] AS OTHERWISE.

[illegible] LOIS TAYLOR — 1549 [illegible] ROAD, SAN MARINO, CALIF.
AND
CHARLES W. TAYLOR — VALLEY, NEVADA.

DATED MAY 26, 1951.

THE REQUIREMENTS AND COSTS.

23. (a) THE PROPOSED WORK WILL REQUIRE TWO MEN AND TWO MULES. MEN TO BE PAID TWELVE DOLLARS PER DAY AND FOUR DOLLARS PER DAY.

(b) CHARLES W. TAYLOR WILL BE THE MANAGER AND WILL HAVE A REASONABLE SALARY OF TWELVE DOLLARS PER DAY.

(c) ALL WORKING MEN WILL BE UNMARRIED MEN IN GOOD HEALTH OR VALLEY AND NO LIVING FACILITIES WILL BE ON THE PROPERTY. PROPERTY WILL BE REACHED BY VEHICLE OVER THE DESERT ROAD GRADE MAINTAINED UNDER ESPALLAZIN. IT IS ONLY IN MILES FROM METAL STATE HIGHWAY. IT VALUE TO THE PROPERTY AND FOOD WILL BE TRANSPORTED ONCE ONE EACH DAY.

(d) THE COST OF STEAM OR ELECTRIC IS ANSWERED IN THE ABOVE PARAGRAPH.

(e) IT WILL BE NECESSARY TO PURCHASE A NEW TRACTOR AND TRAILER. COST WILL BE ABOUT SIX HUNDRED DOLLARS. ADD TO THE COST OF ABOUT [illegible] DOLLARS [illegible] MONTHLY.

(f) THE AIR COMPRESSOR AND DRILL FOLDING, [illegible] TO THE TRUCK FOR TRANSPORT IN FOLDED, WHICH WILL COST ABOUT THIRTY DOLLARS PER DAY.

(g) THE PLANT WILL NOT PROVIDE TO MOVE ANY EQUIPMENT.

(h) [illegible] TOOLS AND CAPS. [illegible] SO. O. [illegible], PICKS AND OTHER SMALL ITEMS $50.00

(i) [illegible] AND OIL FOR TRACTOR [illegible] ADDITIONAL ABOUT THIRTY DOLLARS PER MONTH.

24. THE PROPOSED EXPLORATORY DRIFT WORK WILL BE OF [illegible] OVERLAND CREEK LAKE. I BELIEVE THAT YOU WILL FIND THAT [illegible] PRODUCE AS NOTED ABOVE. THE PRICE FOR THE [illegible] WHICH AMOUNT OF SIX THOUSAND DOLLARS.

ESTHER LOIS TAYLOR — I6I0 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 24, I95I.

ASSAYS FROM SAMPLES OF ORES ON THE

PROPERTY OF CHATLOU MINES.

FOR THE INFORMATION OF THE DEFENSE MINERALS ADMINISTRATION.

DATE MARCH I9th, I95I.

		SILVER	COPPER
No. I.	SAMPLE FROM OLD SHAFT DUMP.	7.5	8.3I
No. 2.	" " " " " . SHOWING SOME LIME.	0.3	4.I5
No. 3.	GLORY HOLE ORE. FIFTY FEET EAST OF SHAFT.	0.3	2.63
No. 4.	SURFACE OUTCROPS. ONE HUNDRED FEET EAST OF SHAFT.	0.6	6.38
No. 5.	SURFACE OUTCROP. NINETY FEET EASTEAST SOUTH OF SHAFT	0.I	I.4I
No. 6.	SURFACE OUTCROP. ONE HUNDRED TWENTY FEET EAST OF SHAFT	0.4	I.4I.

ABOVE ASSAYS BY THE AMERICAN SMELTING AND REFINING CO.

DATE 7th, I95I. MARCH.

No. I.	SORTED ORE. GLORY HOLE. (TWENTY LB. SAMPLE)	I.7	8.2I

ABOVE ASSAY AMERICAN SMELTING &REFINING CO.

DATE. APRIL I6th, I95I.

No. I.	COMBINED SAMPLE OF GLORY HOLE DUMP. BETTER ORE.	0.3	5.36
No. 2.	HIGH GRADE. GLORY HOLE. PICKED SAMPLE.	0.3	8.09
No. 3.	GLORY HOLE ORE AS SORTED. ON DUMP.	0.3	5.26

ABOVE SAMPLES ASSAYED BY AMERICAN SMELTING & REFINING CO

DATE APRIL 3, I95I.

No. I.	CHECK SAMPLE OF GLORY HOLE ORE. THREE FEET WIDE.	.I2	5.36
No. 2.	CHECK SAMPLE. HOLE No. 2. One HUNDRED FEET EAST OF SHAFT AND GAVE EXTRA GOOD VALUES BEFORE.	.20	5.36
No. 3.	THIS HOLE IS FIFTY NORTH OF SHAFT. OUTCROPS.	4. 04	6.24

ABOVE ASSAYS BY KENNECOTT COPPER CORP. MCGILL, NEVADA.

DATE. MAY 3, I95I.

No. I.	FACE AT THE BOTTOM OF GLORY HOLE.	0.I	6.I6
No. 2.	DUMP SAMPLE. FIVE HUNDRED FEET ABOVE OLD SHAFT BROWN ORE.	0.2	NONE.

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma-1454X

Date received 5/31/51

ESTHER LOIS TAYLOR -- 1610 Bedford Road, San Marino, Calif.
AND
CHARLES M. TAYLOR -- VALMY, NEVADA.

Name and address of applicant

ALL DATA IS FURNISHED ON ATTACHED SHEETS. Date ~~MAY 24, 1951.~~

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

ESTHER LOIS TAYLOR — 1610 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA

DATE MAY 24, 1951.

GENERAL TECHNICAL DATA

1. MATERIALS PRODUCED.
   (a) COPPER ORE
   (b) SILVER ORE

2. THE PROPERTY HAS BEEN NAMED THE CHARLOU MINES. THE GROUND WAS LOCATED ABOUT FORTY YEARS AGO BUT THE LOCATORS ALLOWED IT TO REVERT TO GOVERNMENT DOMAIN. OLD NAME OF PROPERTY IS UNKNOWN.
   (a) A VERTICAL SHAFT OF ABOUT THIRTY FEET WAS SUNK BY THE ORIGINAL PROSPECTORS. THIS SHAFT SHOWS COPPER BORNITE THAT ASSAYS 8.31 PERCENT COPPER AND 7.5 OZS. PER TON SILVER/ (AMERICAN SMELTING & REFINING COMPANY ASSAY) THE SILICA CONTENT OF THE ORE (ASSAYED BY KENNECOTT COPPER CORPORATION AT McGILL, NEVADA) IS IN EXCESS OF SIXTY PERCENT WHICH MAKES THE ORES DESIRED AS FLUX FOR COPPER SMELTERS AND THEREBY QUALIFIES FOR REDUCED SMELTER TREATMENT RATES.

   (b) A GLORY HOLE HAS BEEN STARTED BY THE APPLICANTS ON ORE THAT THEY UNCOVERED BY REMOVING THE OVERBURDEN WITH A BULLDOZER. THIS HOLE IS NOW ABOUT TEN FEET DEEP AND TEN FEET SQUARE. SORTED ORE FROM THIS HOLE NOW EXCEEDS SIX TONS, WITH AN ESTIMATED VALUE OF THREE AND A HALF PERCENT COPPER.

   (c) NONE.

   (d) THE BULLDOZER THAT WAS USED BY THE OWNERS ON THE SURFACE TO REMOVE OVERBURDEN HAS EXPOSED COPPER ORE FOR A DISTANCE OF APPROXIMATELY FIVE HUNDRED FEET. A NUMBER OF SMALL OPEN CUTS AT WIDELY DIFFERENT PLACES ON THE TWO CLAIMS EXPOSE COPPER ORE AND COPPER STAINS. OF COURSE, IT IS NEEDLESS TO SAY THAT THERE ARE NO WATER PROBLEMS.

3. (a) TWENTYFOUR MILES FROM BATTLE MOUNTAIN, NEVADA.

   (b) BATTLE MOUNTAIN MINING DISTRICT.

   (c) SECTION No. 26, TOWNSHIP 31 NORTH RANGE 42 EAST.

   (d) LANDER COUNTY, NEVADA.

4. (a) THE PROPERTY HAS BEEN IN OPERATION FOR THE LAST FOUR MONTHS BY THE OWNER AND ABOVE NAMED APPLICANT CHARLES M. TAYLOR

   (b) THE PROPERTY IS BEING OPERATED BY THE OWNER.

ESTHER LOIS TAYLOR
AND
CHARLES M. TAYLOR

-- 1610 BEDFORD ROAD, SAN MARINO, CALIF.

-- VALMY, NEVADA

DATE MAY 24, 1951.

GENERAL TECHNICAL DATA

5. THE PROPERTY HAS NEVER BEEN IN PRODUCTION BUT IT IS THE BELIEF OF THE OWNERS THAT A VERY LARGE COPPER DEPOSIT EXISTS AND THAT WITH SOME DEVELOPMENT FUNDS MADE AVAILABLE THE TRUE MERITS OF THE PROPERTY COULD BE SOON PROVEN. NO ESTIMATE OF WHEN PRODUCTION OF ORES OR SHIPPING THE SAME TO SMELTERS COULD NOW BE GIVEN. SUCH WOULD DEPEND UPON THE RESULTS OF EXPLORATION.

6. CHARLES M. TAYLOR, THE APPLICANT, HAS BEEN ENGAGED IN MINING OPERATIONS FOR THE LAST YEAR AND WITH, ESTHER LOIS TAYLOR, HAS EXPENDED A CONSIDERABLE AMOUNT OF MONEY IN MINING ENDEAVORS. HE HAS ALSO BEEN ENGAGED AIDING R. M. OSTRANDER, SECRETARY OF THE BUFFALO VALLEY MINES OF VALMY, NEVADA, IN DEVELOPING THAT PROPERTY IN MINING ORES FOR SHIPMENT TO SMELTERS. Mr. TAYLOR WILL CONTINUE TO MANAGE THE PROJECT AND BE AIDED IN BUSINESS MATTERS BY THE OTHER APPLICANT ESTHER LOIS TAYLOR WHO HAS HAD OFFICE AND BUSINESS EXPERIENCE WITH THE TEXACO OIL COMPANY OF CALIFORNIA.

7. (a) OVER THE ENTIRE PROPERTY THERE ARE IN EVIDENCE A NUMBER OF SMALL OPEN CUTS WHICH ALL EXPOSE COPPER ORE OR COPPER STAINS. A SHAFT OF ABOUT THIRTY FEET WAS SUNK BY THE OLDTIMERS ON A, LEAD OF COPPER BORNITE ORE. THE PROPERTY HAS NEVER BEEN IN PRODUCTION AND WE SUPPOSE THE UNPROFITABLE PRICE OF COPPER THAT PREVAILED DURING THE ORIGINAL OPERATIONS MADE THE VENTURE UNATTRACTIVE.

(b) APPROXIMATELY FOUR MILES TO THE SOUTHEAST LIES THE SUBSTANTIAL OLD COPPER AND GOLD PRODUCER, COPPER CANYON MINE. THEY HAVE PRODUCED ORES FOR YEARS AND ARE STILL IN PRODUCTION. COPPER BASIN MINES ARE ABOUT FIVE MILES DISTANT IN THE SAME DIRECTION. THE ENTIRE DISTRICT HAS FOR YEARS BEEN A LARGE PRODUCER OF COPPER ORES.

(c) NO GEOLOGICAL REPORTS ON THIS PROPERTY ARE AVAILABLE NOR DO THE PRESENT OWNERS (THE APPLICANTS) THINK THAT ANY HAVE EVER BEEN MADE. THE OWNERS HAVE A NUMBER OF ASSAYS TAKEN FROM THE SURFACE OUTCROPS OVER MOST OF THE GROUND. THESE ASSAYS ARE VERY ENCOURAGING AND WERE MADE BY KENNECOTT COPPER CORPORATION AT MCGILL, NEVADA AND THE AMERICAN SMELTING AND REFINING COMPANY, SALT LAKE CITY. THE ASSAYS ARE AVAILABLE UPON REQUEST. THE ORE DEPOSITION SEEMS TO BE IN OR NEAR THE LIMESTONES. NOT ENOUGHT WORK HAS YET BEEN PERFORMED TO EXACTLY DETERMINE THE EXISTING GEOLOGY. FROM THE SURFACE SHOWINGS OF COPPER THAT WE HAVE EXPOSED BY REMOVING THE OVERBURDEN WITH A BULLDOZER, IT APPEARS THAT THE DEPOSIT WILL PROVE TO BE QUITE EXTENSIVE.

8. THIS IS A PARTNERSHIP COMPANY. THE OWNERS AND THEIR ADDRESSES ARE LISTED BELOW. CHARLES M. TAYLOR VALMY, NEVADA.
ESTHER LOIS TAYLOR 1610 BEDFORD ROAD, SAN MARINO, CALIFORNIA.

ESTHER LOIS TAYLOR
AND
CHARLES M. TAYLOR

-- 1610 BELFORD ROAD, SAN MARINO, CALIF.

-- VALMY, NEVADA

DATE MAY 24, 1951.

GENERAL TECHNICAL DATA.

9. WE ARE NOT INCORPORATED. CHARLOU MINES ARE A PARTNERSHIP OWNED BY ESTHER LOIS TAYLOR AND CHARLES M. TAYLOR,

10. (1)
(2) NO COMMENT AS PROPERTY HAS NEVER BEEN IN PRODUCTION.
(3)

11. NO PRODUCTION.

12. (a) ORES ASSAYED HAVE A SILICA CONTENT EXCEEDING SIXTY PERCENT THAT MAKE THEM VERY DESIRABLE FOR FLUX AT COPPER SMELTERS. IT APPEARS THAT THE DEPOSIT IS ASSOCIATED WITH THE LIMESTONES. ORES HAVE BEEN EXPOSED FOR APPROXIMATELY FIVE HUNDRED FEET BY REMOVING THE OVERBURDEN. AS YET, THE WIDTH OF THE VEIN OR THE LENGTH OF THE VEIN HAS NOT BEEN DERTERMINED. THE SUPPOSED STRIKE OF THE ORE BODY OR BEDDING PLANE IS NORTHWEST AND SOUTHEAST. NO GEOLOGY REPORTS HAVE EVER BEEN MADE BUT, OF COURSE, THE SURFACE EXPOSURES INDICATE A CONSIDERABLE MINERAL DEPOSIT.

(b)
(1)
(2) AT THE PRESENT TIME, DUE TO LACK OF DEVELOPMENT WORK, IT IS IMPOSSIBLE TO ESTIMATE THE PROBABLE ORE RESERVES. THEREFORE, ITEMS I AND 2 CANNOT BE ANSWERED AT THIS TIME.
(c) THE DEPOSIT IS LODE VEIN MATERIAL.

13. A GOOD COUNTRY ROAD RUNS RIGHT TO THE PROPERTY. THE DISTANCE FROM THE GROUND TO THE NEAREST SHIPPING POINT IS TWENTYFOUR MILES WHICH IS BATTLE MOUNTAIN, NEVADA. RESIDENCE IS MAINTAINED AT VALMY, NEVADA THAT IS ON THE SOUTHERN PACIFIC RAILROAD AND HIGHWAY 40 AND LOCATED THE SAME DISTANCE FROM THE MINE AS BATTLE MOUNTAIN, TWENTYFOUR MILES.

14. AT THE PRESENT TIME AND FOR DEVELOPMENT PURPOSES WATER CAN BE HAULED TO THE PROPERTY FOR DRINKING AND MACHINERY OPERATION. AS TO WATER FOR LARGE MILLING OPERATIONS, WE HAVE NOT INVESTAGATED THAT SUBJECT. HOWEVER, WATER WOULD PROBABLY BE FOUND IN THE ADJACENT VALLEY BY DRILLING

15. THE ONLY POWER NEEDED OR USED AT THE PRESENT TIME IS SUPPLIED BY A NEW GORDON-SMITH COMPRESSOR FOR DRILLING PURPOSES IN THE ORES.

16. ALL WORK ON THE MINE SO FAR HAS BEEN SUPPLIED BY THE OPERATOR AND A FRIEND. OPERATIONS UNDER A LOAN SHOULD NOT CALL FOR MORE THAN FOUR MEN TO START AS EXPLORATION AND DEVELOPMENT IS THE FIRST NECESSITY.

ESTHER LOIS TAYLOR
AND
CHARLES M. TAYLOR

— 1810 BELFORD ROAD, SAN MARINO, CALIF.

— VALMY, NEVADA

DATE MAY 24, 1951.

17. A BRAND NEW GORDON-SMITH COMPRESSOR COSTING ABOUT EIGHTEEN HUNDRED DOLLARS WAS PURCHASED IN APRIL, 1951 FOR THIS EXPLORATION CAMPAIGN. JACKHAMMER, DRILLS, HOSE AND OTHER NECESSARY DRILLING EQUIPMENT ARE ALSO ON THE GROUND. A JEEP TRUCK WAS PURCHASED (SECOND HAND) FOR AN AMOUNT OF ABOUT ONE THOUSAND DOLLARS FOR TRANSPORTATION PURPOSES. IN TOTAL THIS EQUIPMENT WOULD BE VALUED AT APPROXIMATLEY THIRTY THREE HUNDRED DOLLARS. ALL THIS EQUIPMENT IS IN FINE WORKING ORDER.

18. THERE HAS NOW BEEN EXPENDED FOR DEVELOPMENT PURPOSES IN EXCESS OF ONE THOUSAND DOLLARS SINCE THE LOCATION OF THE PROPERTY. NO DEBTS ARE OWED TO ANYONE. MR. R. M. OSTRANDER, SECRETARY OF THE BUFFALO VALLEY MINES HAS BEEN ASSIGNED A ONE THIRD INTEREST IN THE PROPERTY FOR THE SERVICES HE HAS RENDERED AND HAS AGREED, AS HIS HEALTH WILL PERMIT, TO AID IN THE PROPOSED DEVELOPMENT OF THE MINE, THROUGH HIS ADVISE AND LABOR.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

CHARLOU MINING COMPANY
(Name of company)

By Esther Lois Taylor
(~~Signature of authorized official~~)

OWNERS AND PARTNERS

MAY 24, 1951.
(Date)

Charles M Taylor
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 31 1951
LAMBERT 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-1454X

Date received 5/31/51

Participation

ESTHER LOIS TAYLOR -- 16 10 Bedford Road, San Marino, Calif.
AND
CHARLES M. TAYLOR -- VALMY, NEVADA.

Name and address of applicant

Date MAY 24, 1951.

ALL DATA IS FURNISHED ON ATTACHED SHEETS.

FILL IN THIS BLOCK

Date of application MAY 24, 1951

Estimated cost SIX ~~FIVE~~ THOUSAND DOLLARS.

Mineral or metal COPPER ORE DEPOSIT

Percentage of Government participation 50%

Location of mine SECTION 26 TOWNSHIP 31 NORTH
RANGE 42 EAST-- LANDER COUNTY
NEVADA. BATTLE MOUNTAIN MINING DISTRICT.

Date of filing MF-100 MAY 24, 1951.

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?
*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?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in 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.
    (*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.

*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.

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:
    (*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.)
    (*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?

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.

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.

CHARLOU MINING COMPA NY
(Name of company)

By _____
(Signature of authorized official)

MAY 24, 1951. OWNERS AND PARTNERS
(Date)

Charles M Taylor
(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

ESTHER LOIS TAYLOR — I6I0 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 24, I95I.

THE APPLICANT

I. ALL THESE
2. QUESTIONS
3. ARE ANSWERED
4. IN FORM
5. (FORM MF-I00 IS ATTACHED) MF-I00

6. THERE ARE NO LIENS, ENCUMBRANCES, CLAIMS OR DEBTS AGAINST THE PROPERTY.

7. THE PROPERTY IS AND WILL CONTINUE TO BE OPERATED BY THE OWNERS.

8. AT THE PRESENT TIME THERE IS NO FINANCIAL STATEMENT TO RENDER. THE PROPERTY IS NOT IN PRODUCTION. THE OWNERS HAVE EXPENDED IN EXCESS OF ONE THOUSAND DOLLARS FOR LABOR AND MATERIAL COSTS AS WELL AS RENTAL ON A CATERPILLAR BUT NOT COUNTING EQUIPMENT THAT IS ON THE GROUND.

9. THE APPLICANT, AS STATED IN FORM MF-I00, HAS MINING EQUIPMENT, AIR COMPRESSOR, JACKHAMMER, DRILLS AS WELL AS A JEEP TRUCK FOR TRANSPORTATION. TOTAL VALUE OF SUCH EQUIPMENT IS CONSERVATIVELY ESTIMATED TO BE WORTH IN EXCESS OF THREE THOUSAND DOLLARS. THEREFORE, WE FEEL THAT UNDER THE GOVERNMENT PARTECIPATION ACT THIS SHOULD BE SUFFICIENT TO COMPLY WITH THE REQUIREMENTS.

THE PROPERTY

I0. (a) WE DO NOT UNDERSTAND THIS QUESTION.
(b) AS STATED IN FORM MF-I00, THE TWO COPPER MINING CLAIMS ARE LOCATED IN SECTION 26, TOWNSHIP 3I NORTH RANGE 42 EAST OR AS RECORDED IN THE OFFICE OF THE COUNTY RECORDER OF LANDER COUNTY, NEVADA. BOTH (a) and (b) AREAS ARE THE SAME.

II. THE PRESENT NAME OF THE PROPERTY IS THE CHARLOU MINES COMPANY. WE CAN FIND NO RECORD OF WHAT THE OLDTIMERS OR ORIGNAL LOCATORS CALLED THE PROPERTY.

I2. TWO GOOD COUNTRY ROADS RUN TO THE PROPERTY. ONE COMES FROM VALMY NEVADA AND THE OTHER COMES FROM BATTLE MOUNTAIN. THE ROAD FROM BATTLE MOUNTAIN IS A VERY GOOD COUNTRY ROAD AND SOMEWHAT BETTER THAN THE ROAD COMING FROM VALMY. BOTH ROADS JOIN NEAR THE PROPERTY AND RUN RIGHT TO THE GROUND. THE SOUTHERN PACIFIC RAILROAD AS WELL AS THE U. S. HIGHWAY 40 BOTH RUN THROUGH VALMY AND BATTLE MOUNTAIN.

I3. ONLY VERY SMALL AMOUNTS OF WATER IS REQUIRED IN THE PROPOSED DEVELOPMENT CAMPAIGN AND SUCH WATER WILL BE HAULED FROM LOCAL TOWNS. THE ONLY POWER NEEDED IN THE MINING OF THIS ORE FOR SHIPPING WILL BE SUPPLIED BY THE AIR COMPRESSOR.

I4. THERE ARE NO FACILITIES ON THE GROUND THAT CAN BE UTILIZED.

ESTHER LOIS TAYLOR — I6 IO BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR VALMY, NEVADA.

DATE MAY 24, I95I.

I5. THE ORE WOULD BE HAULED TO BATTLE MOUNTAIN TO THE RAILROAD THERE AND SHIPPED TO THE KENNECOTT COPPER SMELTER AT MCGILL, NEVADA AS THE ORE HAS ENOUGH SILICA CONTENT TO MAKE IT VERY DESIRABLE FOR FLUX IN COPPER SMELTING, IT WOULD THEREBY DEMAND A PREMIUM IN TREATMENT CHARGES. HAULING COSTS FROM THE MINE TO THE RAILROAD WOULD BE BETWEEN TWO AND THREE DOLLARS A TON.

I6. (a) THESE ITEMS WERE
(b) ANSWERED IN
(c) FORM MF-IOO

I7. ANSWERED IN FORM MF-IOO

I8. (a) THESE ITEM WERE
(b) ANSWERED IN
(c) FORM MF-IOO

I9. WE CAN THINK OF NO OTHER COMMENTS CONCERNING THE PROPERTY.

THE EXPLORATION

20. THE EXPLORATION WILL BE CONDUCTED FOR THE PRINCIPLE PURPOSE OF DEVELOPING SUFFICIENT COPPER ORE TO WARRANT CONTINUED OPERATION OF THE PROPERTY AND THE SHIPPING OF SUCH ORES TO SMELTERS.

2I. BEING THAT OUR RECENT WORK ON THE SURFACE HAS EXPO SED SUCH AN APPARENT DEPOSIT OF COPPER IN LARGE AMOUNTS, AND THE VALUES, AT THE SURFACE, ARE ABOUT SHIPPING GRADE OF ORE, WE FEEL THAT WITH SOME DEPTH BEING GAINED A MORE CONCENTRATION OF VALUES WILL OCCUR. THEREFORE, WE DESIRE TO SINK A SHAFT OF ABOUT ONE HUNDRED FEET IN DEPTH. WE ESTIMATE THAT THE WORK CAN BE COMPLETED WITHIN SIXTY DAYS.

22. WE BELIEVE THAT THE FIRST PART OF THIS QUESTION IS ANSWERED IN THE ABOVE PARAGRAPH. IT IS IMPOSSIBLE TO FURNISH GEOLOGICAL MAPS , MAPS OF THE PROPOSED OPENINGS AND THE OTHER ITEMS MENTIONED IN THE QUESTION. FUNDS HAVE NOT BEEN AVAILABLE TO HIRE SUCH EXPERTS AND SECURE THIS INFORMATION. HOWEVER, WE ARE ATTACHING A LIST OF ASSAYS OF THE ORES OF THE PROPERTY. THESE ASSAYS WILL BE MARKED SURFACE OR OTHERWISE.

ESTHER LOIS TAYLOR — I6I0 BEDFORD ROAD, SAN MARINO, CALIF.
AND
CHARLES M. TAYLOR — VALMY, NEVADA.

DATE MAY 24, I95I.

THE REQUIREMENTS AND COSTS.

23. (a) THE PROPOSED WORK WILL REQUIRE TWO MINERS AND TWO MUCKERS. MINERS AT TWELVE DOLLARS PER DAY AND MUCKERS AT TENDOLLARS PER DAY.

(b) CHARLES M. TAYLOR WILL BE THE MANAGER AND WILL DRAW A REASONABLE SALARY OF TWELVE DOLLARS PER DAY.

(c) ALL, WORKERS WILL BE QUARTERED EITHER IN BATTLE MOUNTAIN OR VALMY AND NO LIVING FACILITIES WILL BE PROVIDED AT THE PROPERTY UNLESS THE PROPOSED DEVELOPMENT OF THE ORE BODIES LATER WARRANT SUCH INSTALLATIONS. IT IS ONLY AN HOURS DRIVE FROM EITHER BATTLEB MOUNTAIN OR VALMY TO THE PROPERTY AND WORKERS WILL BE TRANSPORTATED EACH WAY EACH DAY.

(d) THIS QUESTION WE BELIEVE IS ANSWERED IN THE ABOVE PARAGRAPH.

(e) IT WILL BE NECESSARY TO PURCHASE A MINE HOIST AND THE ESTIMATED COST WILL BE ABOUT SIX HUNDRED DOLLARS WITH CABLE. TIMBERS TO THE COST OF ABOUT THREE HUNDRED DOLLARS WILL BE NECESSARY.

(g) THE AIR COMPRESSOR AND MINING EQUIPMENT, AS WELL AS THE TRUCK FOR TRANSPORATION PURPOSES, SHOULD DEMAND ABOUT THIRTYFIVE DOLLARS PER DAY.

(f) THE OPERATOR DOES NOT PROPOSE TO RENT ANY EQUIPMENT.

(h) POWDER, FUSE AND CAPS. ESTIMATED $50.00. SHOVELES, PICKS AND OTHER SMALL ITEMS $50.00

(i) GASOLINE AND OIL FOR TRANSPORATION AND COMPRESSOR WILL AMOUNT TO ABOUT ONE HUNDRED DOLLARS DURING THE PROJECT.

24. THE PROPOSED DEVELOPMENT SHAFT SHOULD BE COMPLETED WITHIN SIXTY DAYS. I BELIEVE THAT YOU WILL FIND THAT WITH ALL EXPENSES FIGURED AS NUMERATED ABOVE, THE PROJECT WILL REQUIRE THE STATED AMOUNT OF SIX THOUSAND DOLLARS.

[illegible] TAYLOR — [illegible], CALIF.
AND
[illegible] M. TAYLOR — VALLEY, NEVADA.

DATE [illegible], 1951.

[illegible] OF [illegible] IN [illegible]

PAYMENT [illegible] GRAZING [illegible].

[illegible] THE [illegible] OF THE [illegible] INFORMATION.

DATE MARCH 10th, 1951.

		GRAZE	COST
No. 1.	CATTLE, [illegible] UNIT [illegible].	7.5	8.31
No. 2.	" " " " " . [illegible]	0.5	1.26
No. 3.	[illegible] FOR [illegible] OF [illegible].	0.5	2.05
No. 4.	[illegible] [illegible]. [illegible]	0.6	0.58
No. 5.	[illegible] [illegible]. [illegible]	0.1	1.31
No. 6.	[illegible] [illegible]. [illegible]	0.2	1.91

[illegible] BY THE [illegible] [illegible] CO.

DATE 7th, 1951. [illegible].

No. 1.	[illegible] (5 [illegible])	1.7	8.21

[illegible] [illegible] [illegible] [illegible] CO.

DATE APRIL 10th, 1951.

No. 1.	[illegible] OF [illegible]	0.5	5.16
No. 2.	[illegible]	0.1	0.39
No. 3.	[illegible]	0.5	5.13

[illegible] [illegible] [illegible] [illegible] [illegible] CO

DATE [illegible] 3, 1951.

No. 1.	[illegible]	.25	0.03
No. 2.	[illegible]	.10	0.03
No. 3.	[illegible]	0.04	0.13

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] & [illegible].

DATE MAY 3, 1951.

No. 1.	[illegible]	0.1	0.16
No. 2.	[illegible]	0.2	NIL.

FILE COPY
SURNAME:

Bowen

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

June 20, 1951

Re: Docket No. DMA-1454X

Mr. Charles M. Taylor
Velmy
Nevada

Dear Mr. Taylor:

Your application for aid for an exploration project has been referred to the Copper Branch of the Defense Minerals Administration. We are sorry we cannot take any action on your application for the reason that you stated in answer to Section 9 of Form MF-103 and we quote:

"The applicant, as stated in Form MF-100, has mining equipment, air compressor, jackhammers, drills as well as a jeep truck for transportation, total value of such equipment is conservatively estimated to be worth in excess of three thousand dollars. Therefore, we feel that under the Government Participation Act this should be sufficient to comply with the requirements."

We are enclosing a copy of MO-5, Regulations Governing Aid to Defense Projects and have marked on this copy the section that pertains to your proposal which states why the terms you name are not allowed as your share of payment for the project. The items you listed could all be charged to the project on a rental basis. Should you desire to amend your application according to the regulations pertaining to operating equipment and answering question 9 of Form MF-103, we would be glad to reconsider your request for assistance.

In case you wish to reapply we are enclosing five copies of MF-103. Any information you have given us will not have to be repeated on this form. And for your information we are also enclosing copies of two press releases dated April 11, and May 14, 1951.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

Enclosures

JWALT:pF

Copy to: Executive Secretary, DMA
Director, Supply Div.
Copper Branch, Room 2522
Mrs. Esther Lois Taylor, 1610 Bedford Rd, San Marino, Calif.
Files

Jan 1951-4

(2)

956

FILE COPY
SURNAME:

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

June 18, 1951

Miss Esther Lois Taylor
1610 Bedford Road
San Marino, California

Subject: DMA-1454X
Re: Exploration Loan
Charlou Mines

My dear Miss Taylor:

Receipt is acknowledged of your application and attachments of May 24, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1454X and was referred to Mr. J. B. Gowen, Chief, Copper Branch on June 5, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1454X.

Sincerely yours,

LANDON F. STROBEL js

Landon F. Strobel
Executive Secretary

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

B

Valmy, Nevada.
June 30th, 1951.

Mr. Tom Lyon, Director,
U. S. Department of the Interior,
Defense M inerals Administration,
Washington, 25, D. C.

Re: Docket No. DMA-1454X

Dear Mr. Lyon:

Thank you for your letter of June 20th, 1951 with enclosures.

Your suggestion to amend our application is appreciated. Please find enclosed four copies of Form MF-103 amended in accordance with question 9 of Form MF-103.

We trust that you will now find our application in order. Thanking you for your kind attention to the above matter, we are

Very truly yours,

Esther Lois Taylor
Esther Lois Taylor

Charles M. Taylor
Charles M. Taylor

Encl. 4

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
LANDON F. STROBEL
Executive Secretary

June 20, 1951

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Valmy
Nevada

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Tom Lyon

Tom Lyon, Director
Supply Division

Enclosures

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Copy to: Executive Secretary, DMA
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Copper Branch, Room 2522
Mrs. Esther Lois Taylor, 1610 Bedford Rd, San Marino, Calif.
Files

June 18, 1951

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1610 Bedford Road
San Marino, California

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Charlou Mines

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Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

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

Valmy, Nevada.
May 24, 1951.

Air Mail
Special
Delivery

Mr. J. B. Gowen, Acting Chief
United States Department of the Interior
Defense Minerals Administration
Washington, D. C.

Dear Mr. Gowen:

You have our thanks for your letter and enclosures of April the 27th, 1951.

We hope that you will find our application for an exploration loan in order. As you probably know there has been some news dispatches in the mining press that denote neglect towards the small strategic miner. We hope that this is an exaggeration. It is our hope and desire that quick attention will be given our application.

Thanking you for whatever consideration you may extend, we are

Respectfully

Esther Lois Taylor
Esther Lois Taylor

Charles M. Taylor
Charles M. Taylor