DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip Copper

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 1305

DO NOT DETACH THIS SLIP

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

This document has been recorded as

an Exploration Project.

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To:	P.E. Div.	Date	11/26/51
To:	Opn. Com.	Date	~~7-31-52~~ 8-1-52
To:	Ast. Adm	Date	
To:	Mails & Files	Date	
To:	Ellis (Docket)	Date	
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FILE COPY
SURNAME:
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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

E. H. Johnson
Thayer
Fjelsmar

SEP 23 1952

Mr. Roy R. Ford
Jackson, Montana

Re: Docket DMA-1305X (Copper)
Copper Queen Claims
Jackson, Montana

Dear Mr. Ford:

Reference is made to your application for Government aid on the captioned project.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding material of acceptable grade and in quantities that will significantly improve the mineral supply position for the National Defense Program.

A careful study of your application and data available to this Agency, and an examination of the property concerned reveal that the probability of disclosing minable reserves by your proposed exploration program is not considered sufficiently promising to justify Government participation. Under these circumstances, we regret to advise that your application for exploration aid is denied.

If additional work on your property reveals information which makes the project feasible, an application may be submitted for consideration.

Sincerely yours,

9-23-52

(signed) FRANK E. JOHNSON (fw)

ACTING Administrator

GLAult/LWEllis/jem
9/18/52
cc to: Adm. Reading File
Operating Committee
Docket
Messrs. E. L. Newcomb, Rm. 5240 GSA
C. H. Johnson, Rm. 3621
Ellis
DMEA Field Team, Region II (2)

FILE COPY
SURNAME

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

SEP 2 1952

(Signed) FRANK E. CARROLL

ACTING

9/17/52 glc

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

September 17, 1952

Re: DMA-1305X
Copper Queen Claims
Beaverhead County, Montana
$7296
Copper-lead

Memorandum

To: Mr. E. Wm. Ellis

From: E. L. Newcomb

Subject: Concurrence with field team denial.

The applicant requests Government assistance to further explore for copper mineralization near the contacts of a diabase sill enclosed in the Belt quartzite.

The field team recommends that the application be denied.

Mineralization is confined to local areas of silicification and quartz replacement of sheared diabase along contacts with the enclosing quartzite or along the margins of pod-like quartzite inclusions in the diabase. Visible ore minerals consist of chalcopyrite and fine-grained galena which are scattered through copper-stained quartz. The localized nature of the ore occurrences as small pods or narrow, discontinuous veins indicates that further exploration cannot be expected to discover any significant amounts of copper and lead.

I concur with the field team's recommendation that the application be denied.

E. L. Newcomb

E. L. Newcomb
Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

September 17, 1952

Re: DMA-1305X
Copper Queen Claims
Beaverhead County, Montana
$7296
Copper-lead

Memorandum

To: Mr. E. Wm. Ellis

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I concur with the field team's recommendation that the application be denied.

E. L. Newcomb
Geologist

9/18/52 gfa

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

September 10, 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA-~~1350X~~ 1305, Copper
Roy R. Ford, Jackson, Montana

Dear Sir:

Enclosed please find four copies of a report by W. B. Myers, U. S. Geological Survey, on the Roy R. Ford property, Jackson, Montana.

Mr. Myers recommends that the application be denied and the Field Team concurs.

By DMEA Field Team, Region II

FOR: A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

cc: USBM, Spokane (2)

Reviewed by
DMEA OPERATING COMMITTEE
9/17/52
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 1, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

October 2, 1952

Memorandum

To: A. [illegible] Weisenburn, Executive Officer, DMA Field Office, Region II

From: [illegible] Pardee, Geologist, U. S. Geological Survey

Subject: Docket No. [illegible], Copper
Roy R. Ford, Copper Moon Claims, Jackson, Montana

It is recommended that Mr. Ford be denied any aid in the exploration of the Copper Moon claims.

The Copper Moon claims were examined on July 6, 1952, in the company of the applicant, Mr. Roy R. Ford. The claims are in the [illegible] sec. 17, of the unsurveyed T. 7 S., R. 16 [illegible], Mont., at an elevation of about [illegible] feet. They are atop a long prominent ridge extending westerly from the main crest of the Beaverhead Range, which here forms the boundary between Montana and Idaho.

All the workings involved in the applicant's proposal explore the contacts of a sill (?) of diabase emplaced in the Yule quartzite. The sill (?) appears to have been folded with the quartzite into a narrow synclinal basin. Owing to poor exposures and lack of time the diabase was not traced out completely but topography suggests it may have a ring-shaped outcrop pattern completely encircling a high point on the ridge. The applicant's workings explore the northern and northwestern part of the outcrop. The diabase sill (?) is everywhere more or less sheared and in some places is chloritized. It varies in thickness from a maximum of perhaps 75 feet in the vicinity of the new tunnel to an observed minimum of but a few feet.

Mineralization appears to be confined to local zones of silicification and quartz replacement of sheared diabase along contacts with the enclosing quartzite or along the margin of veins or inclusions of quartzite caught up in the sill. No continuity of silicification or quartz replacement was traceable between workings, although bare rock is exposed over a good part of the area.

With the exception of one find, essentially all of the ore mineralization noted by the writer was confined to the immediate vicinity of the three workings where further exploration work has been proposed by the applicant.

At the new tunnel, 32 feet in length, where most of the applicant's work has been done, the quartz replacement is limited to sheared diabase immediately above the upper surface of a fifty-foot long quartzite lens within the sill (?). Surface exposures of copper mineralization were noted only within a few feet of the portal. In the working, copper mineralization was seen to be largely confined to two irregular zones, each zone varying from about 6 to 12 inches in thickness, one on the footwall, the other on the hanging wall of a six-foot "vein" of more or less complete quartz replacement. Visible ore minerals consisted of chalcopyrite and fine-grained galena scattered through the copper-stained quartz. At the old inclined shaft about 190 feet east of the new tunnel similar mineralization occurs on the hanging wall of the diabase sill (?). Lack of quartz outcrops and a paucity of float along the strike indicate very localized mineralization. The old caved tunnel about 140 feet southwest of the new tunnel was entirely in sheared diabase; mineralization must have been confined at most to a few small pods of copper-stained silicified diabase such as the one just outside the portal.

It is not believed that further exploration at these claims would result in the discovery of significant amounts of copper or lead.

The relative inaccessibility of the claims and the difficulty of supplying adequate water and power further mitigate against the proposed exploration. It is 70 miles by road to the claims from Milton, the nearest rail loading point. The last four or five miles of the route can be negotiated only by a jeep; the last two miles of road is little more than a set of jeep tracks, locally with grades as steep as 35 percent. Water would either have to be hauled for two miles or piped more than a quarter of a mile and pumped against a head of more than 700 feet. A jeep with power take-off has been the power source thus far used by the applicant. No electric power line comes within 12 to 15 miles.

The applicant has had a limited amount of prospecting experience but has no concept of the factors involved in the successful exploitation of a mineral deposit.

J. S. Lyons

cc: [illegible] A (4)
[illegible] (2)
[illegible] (240)
Lyons

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

So. 157 Howard Street
Spokane 4, Washington

Received by the U.S. Geological Survey
Defense Minerals Administration
RECEIVED
SEP 15 1952

September 10, 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA-~~1350X~~ 1305, Copper
Roy R. Ford, Jackson, Montana

Dear Sir:

Enclosed please find four copies of a report by W. E. Myers, U. S. Geological Survey, on the Roy R. Ford property, Jackson, Montana.

Mr. Myers recommends that the application be denied and the Field Team concurs.

By DMA Field Team, Region III

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

H. E. Volin, Member
(U. S. Bureau of Mines)

cc: USGS, Spokane (2)

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

So. 157 Howard Street
Spokane 4, Washington

Defense Minerals
SEP 15 '52

September 2, 1952

Memorandum

To: A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II

From: W. B. Myers, Geologist, U. S. Geological Survey

Subject: Docket No. DMA-1305X, Copper
Roy R. Ford, Copper Queen Claims, Jackson, Montana

It is recommended that Mr. Ford be denied any DMEA aid in the exploration of the Copper Queen claims.

The Copper Queen claims were examined on July 6, 1952, in the company of the applicant, Mr. Roy R. Ford. The claims are in the NE¼ Sec. 19, of the unsurveyed T. 7 S., R. 16 W., M.B.M., at an elevation of about 9400 feet. They are atop a long glaciated ridge extending easterly from the main crest of the Beaverhead Range, which here forms the boundary between Montana and Idaho.

All the workings involved in the applicant's proposal explore the contacts of a sill (?) of diabase enclosed in the Belt quartzite. The sill (?) appears to have been folded with the enclosing beds into a shallow synclinal basin. Owing to poor exposures and lack of time the diabase was not traced out completely but topography suggests it may have a ring-shaped outcrop pattern completely encircling a high point on the ridge. The applicant's workings explore the northern and northwestern part of the outcrop. The diabase sill (?) is everywhere more or less sheared and in some places is chloritized. It varies in thickness from a maximum of perhaps 75 feet in the vicinity of the new tunnel to an observed minimum of but a few feet.

Mineralization appears to be confined to local areas of silicification and quartz replacement of sheared diabase along contacts with the enclosing quartzite or along the margin of pods or inclusions of quartzite caught up in the sill. No continuity of silicification or quartz replacement was traceable between workings, although bare rock is exposed over a good part of the area.

With the exception of some float, essentially all of the ore mineralization noted by the writer was confined to the immediate vicinity of the three workings where further exploration work has been proposed by the applicant.

At the new tunnel, 32 feet in length, where most of the applicant's work has been done, the quartz replacement is limited to sheared diabase immediately above the upper surface of a fifty-foot long quartzite lens within the sill (?). Surface exposures of copper mineralization were noted only within a few feet of the portal. In the working, copper mineralization was seen to be largely confined to two irregular zones, each zone varying from about 6 to 12 inches in thickness, one on the footwall, the other on the hanging wall of a six-foot "vein" of more or less complete quartz replacement. Visible ore minerals consisted of chalcopyrite and fine-grained galena scattered through the copper-stained quartz. At the old inclined shaft about 190 feet east of the new tunnel similar mineralization occurs on the hanging wall of the diabase sill (?). Lack of quartz outcrops and a paucity of float along the strike indicate very localized mineralization. The old caved tunnel about 140 feet southwest of the new tunnel was entirely in sheared diabase; mineralization must have been confined at most to a few small pods of copper-stained silicified diabase such as the one just outside the portal.

It is not believed that further exploration at these claims would result in the discovery of significant amounts of copper or lead.

The relative inaccessibility of the claims and the difficulty of supplying adequate water and power further mitigate against the proposed exploration. It is 70 miles by road to the claims from Dillon, the nearest rail loading point. The last four or five miles of the route can be negotiated only by a jeep; the last two miles of road is little more than a set of jeep tracks, locally with grades as steep as 55 percent. Water would either have to be hauled for two miles or piped more than a quarter of a mile and pumped against a head of more than 700 feet. A jeep with power take-off has been the power source thus far used by the applicant. No electric power line comes within 12 to 15 miles.

The applicant has had a limited amount of prospecting experience but has no concept of the factors involved in the successful exploitation of a mineral deposit.

W. B. Myers

cc: DMEA (4)
USBM (2)
USGS (SRO)
Myers

FILE COPY
SURNAME:
700

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

AUG 1 1952

Mr. A. L. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket DME-1305 (Copper)
Roy A. Ford
Jackson, Montana

Dear Mr. Weissenborn:

The above-captioned application has been held in abeyance in our active file pursuant to Mr. Hillsgaard's memorandum of November 2, 1951. The memorandum transmitted by Mr. Hillsgaard from Mr. J. J. Quinlan and Mr. W. P. Puffett, U. S. Geological Survey, indicated that weather conditions made it impossible to reach the property for examination before July 1, 1952. Mr. Ford was to notify your office when an examination could be made.

Will you kindly advise whether or not the applicant has communicated further with you with respect to scheduling an examination.

Sincerely yours,

(signed) FRANK E. JOHNSON

cc 8/1/52

APPROVED: J. H. Hedges

Director, Bureau of Mines

Director, Geological Survey

Chairman, Operating Committee

EWEllis/gla/jem
7/31/52
cc to: Adm. Reading File
Docket
Messrs. CHJohnson-3621
Ned Nelson-4216
Ellis
Opr. Com.
Field Team, Region II

Base Metals Br.

OFFICE OF THE ADMINISTRATOR

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

So. 157 Howard Street
Spokane 4, Washington

RECEIVED
NOV 1 0 1951

November 8, 1951

Mr. J. B. Gowan, Chief
Copper Branch
Defense Minerals Administration
U. S. Department of the Interior
Washington 25, D. C.

Dear Mr. Gowan:

Re: Docket DMA 1305x,
Roy R. Ford Copper Property
Jackson, Montana

Enclosed are copies of a brief memorandum from J. J. Quinlan and W. P. Puffett, U. S. Geological Survey, concerning the Roy R. Ford Copper Property near Jackson, Montana. Owing to winter weather conditions, it will be impossible to examine this property before next summer.

Sincerely,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
for A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures as indicated.

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

November 7, 1951

Memorandum

To: A. E. Weissenborn, Executive Officer
DMA Field Team, Region II

From: James J. Quinlan and Willard P. Puffett
U. S. Geological Survey

Subject: Application of Mr. Roy R. Ford
Jackson, Montana
Copper, DMA Docket 1305x

We contacted Mr. Roy R. Ford by phone from Butte, Montana on October 23, 1951, to make arrangements to examine his copper prospect in Beaverhead County, Montana. Mr. Ford informed us that weather conditions made it impossible to reach the property at this late date, and it would be about July 1, 1952, before an examination could be scheduled.

Mr. Ford was advised by letter October 30, 1951, to notify this office when weather conditions would permit an examination.

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

No. 157 Howard Street
Spokane 4, Washington

November 7, 1951

Memorandum

To: A. L. Weinsenborn, Executive Officer
DMA Field Team, Region II

From: James J. Quinlan and Willard P. Puffett
U. S. Geological Survey

Subject: Application of Mr. Roy R. Ford
Jackson, Montana
Copper, DMA Docket 1309x

We contacted Mr. Roy R. Ford by phone from Butte, Montana on October 25, 1951, to make arrangements to examine his copper prospect in Beaverhead County, Montana. Mr. Ford informed us that weather conditions made it impossible to reach the property at this late date, and it would be about July 1, 1952, before an examination could be scheduled.

Mr. Ford was advised by letter October 30, 1951, to notify this office when weather conditions would permit an examination.

cc: U.S.B.M., Spokane

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
No. 157 Howard Street
Spokane 4, Washington

November 7, 1951

Memorandum

To: A. H. Weissenborn, Executive Officer
DMA Field Team, Region II

From: James J. Quinlan and Willard P. Puffett
U. S. Geological Survey

Subject: Application of Mr. Roy R. Ford
Jackson, Montana
Copper, DMA Docket 1507x

We contacted Mr. Roy R. Ford by phone from Butte, Montana on October 23, 1951, to make arrangements to examine his copper prospect in Beaverhead County, Montana. Mr. Ford informed us that weather conditions made it impossible to reach the property at this late date, and it would be about July 1, 1952, before an examination could be scheduled.

Mr. Ford was advised by letter October 30, 1951, to notify this office when weather conditions would permit an examination.

cc: U.S.B.M., Spokane

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

No. 197 Howard Street
Spokane 4, Washington

November [illegible], 19[illegible]

Memorandum

To: A. E. Weissenborn, Executive Officer
DMA Field Team, Region II

From: James J. [illegible] and Willard P. Buffett
U. S. Geological Survey

Subject: Application of Mr. Roy H. Ford
Jackson, Montana
Copper, DMA Docket [illegible]

We contacted Mr. Roy H. Ford by phone from Butte, Montana on October 23, 1951, to make arrangements to examine his copper prospect in Beaverhead County, Montana. Mr. Ford informed us that weather conditions made it impossible to reach the property at this late date, and it would be about July 1, 1952, before an examination could be scheduled.

Mr. Ford was advised by letter October 24, 1951, to notify this office when weather conditions would permit an examination.

cc: U.S.B.M., Spokane

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

No. 157 Howard Street
Spokane 4, Washington

November [illegible], 1951

Memorandum

To: A. L. Weissenberg, Executive Officer
DMA Field Team, Region II

From: James J. [illegible] and Willard P. Duffett
U. S. Geological Survey

Subject: Application of Mr. Roy R. Ford
Jackson, Montana
Copper, DMA Docket 1307a

We contacted Mr. Roy R. Ford by phone from Butte, Montana on October 25, 1951, to make arrangements to examine his copper prospect in Beaverhead County, Montana. Mr. Ford informed us that weather conditions made it impossible to reach the property at this time date, and it would be about July 1, 1952, before an examination could be scheduled.

Mr. Ford was advised by letter October 25, 1951, to notify this office when weather conditions would permit an examination.

cc: U.S.B.M., Spokane

310 FILE COPY
SURNAME:

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

Waugh
Gowen
Nelson
Johnson-Hom
Thayer for Roe
Lyon

A.E.C.

Mr. Roy E. Ford
Jackson, Montana

OCT 16 1951

Re: Docket No. DMA-1305X

Dear Mr. Ford:

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 will hear from Mr. A. E. Weissenborn, Executive Officer, DMA Field Team Region II, South 157 Howard Street, Spokane 8, Washington, or one of his staff when they are ready to visit your property.

This will answer your letter of September 19, 1951 requesting information as to the status of your application.

Very truly yours,

SIGNED 10-17

Tom Lyon, Director
Supply Division

RVWaugh:ex

10/9/51
Copy to: Administrator's Reading File
Executive Officer, DMA Field Team II
Coordinating Committee
Mr. Gowen
Mr. D.MacLaren
Files - DMA Docket

Jackson, Montana

Roy R. Ford. Sept. 19, 51

United States Dept. of the Interior
Washington D.C.

Dear Sirs. Docket no. DMA-1305 X

We have not heard from you regarding the decision made for Govt. loan on Copper Queen claims.

We are anxious to explore this project.

Yours truly

Roy R. Ford

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
SEP 24 10 39 AM '51

OFFICIAL FILE COPY

To	Init.	Date
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Rec. 11	QK	SEP 1951
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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

Mr. A. E. Weissenborn
South 157 Howard Street
Spokane 8, Washington

OCT 16 1951

Dear Sir:

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

Docket No. 1305X

Commodity Copper

Applicant Roy R. Ford, Jackson, Montana

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

Very truly yours,

SIGNED

Chairman
Coordinating Committee

For the Bureau of Mines

For the Geological Survey

FILE COPY
SURNAME:

RWaugh

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

Mr. Roy R. Ford

Re: Docket No. DMA-1305X

Jackson, Montana

Dear Mr. Ford:

In studying your application for exploration aid we find that more information is needed to further process it.

A definite exploration project has to be submitted in order to qualify for exploration aid. Therefore a revised project should be submitted outlining the work to be done on the basis of an estimated number of feet of tunneling, drifting, etc. to be driven. From this estimate, a time schedule and costs can be given. In describing the driving of the tunnel, state the direction in which it is to go. In relation to this tunneling it is noted that the "new tunnel" is 10 feet higher than the "old shaft." A sketch or map should accompany the new project showing the proposed exploration project.

A more detailed description is needed of your ore deposits exposed in the tunnel as to type, size, thickness, length of tunnel in ore, kind of ore, etc.

In listing your costs, the rental charges for your equipment you propose to use as your share of the project should be itemized and included with the total cost of project.

This will be in answer to your letter of August 13, 1951 to the Defense Minerals Administration.

Very truly yours,

J. B. Gowen

J. B. Gowen, Chief
Copper Branch

RWWaugh:ez
8/16/51

Copy to: Administrator's Reading File
Reports and Records Branch
Executive Officer, Region III
Copper Branch,
DMA docket files

a.e.e.

Mr. Roy R. Ford

Re: Docket No. DMA-1305X

Jackson, Montana

Dear Mr. Ford:

In studying your application for exploration aid we find that more information is needed to further process it.

A definite exploration project has to be submitted in order to qualify for exploration aid. Therefore a revised project should be submitted outlining the work to be done on the basis of an estimated number of feet of tunneling, drifting, etc. to be driven. From this estimate, a time schedule and costs can be given. In describing the driving of the tunnel, state the direction in which it is to go. In relation to this tunneling it is noted that the "new tunnel" is 10 feet higher than the "old shaft." A sketch or map should accompany the new project showing the proposed exploration project.

A more detailed description is needed of your ore deposits exposed in the tunnel as to type, size, thickness, length of tunnel in ore, kind of ore, etc.

In listing your costs, the rental charges for your equipment you propose to use as your share of the project should be itemized and included with the total cost of project.

This will be in answer to your letter of August 13, 1951 to the Defense Minerals Administration.

Very truly yours,

J. B. Gowen, Chief
Copper Branch

RVWaughtes
8/16/51

Copy to: Administrator's Reading File
Reports and Records Branch
Executive Officer, Region III
Copper Branch,
DMA docket files

Jackson, Montana
August 13, 1951

AUG 15 1951

United States Dept. of the Interior
Defense Minerals Administration
Washington D. C.

Subject: DMA-1305X
Re: Exploration Loan
Copper Queen Claims

Dear Sirs:

We have not heard from you regarding an exploration loan on the Copper Queen Claims. As the weather conditions here do not permit one to mine very late in the fall, we are anxious to hear what your decision might be in reference to the loan.

Yours truly,

Roy R Ford

FILE COPY
SURNAME:

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

July 6, 1951

Mr. Roy E. Ford
Jackson
Montana

Subject: DMA-1305X
Re: Exploration Loan -
Copper Queen Claims

My dear Mr. Ford:

Receipt is acknowledged of your application and attachments of June 26, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1305X and referred to Mr. J. B. Gowen, Chief, Copper Branch on July 5, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1305X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel jc
Executive Secretary

L. F. Strobel:jc
cc: Strobel
✓File
Gowen
Lyon

DMA 1305X

B

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 1305-X

Date received 7-3-51

Participation

Roy R Ford
Jackson
Mont

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 3 1951
LANDON E. SPRAGUE
Executive Secretary

Name and address of applicant

Date June 26 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 1305 X

INSTRUCTIONS

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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)? I have money to pay my share - (50%)

*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. Cook & Bookkeeper wages - 10¢ per day

(*b*) Supervisors, by numbers and positions, with salaries of each. I would be supervisor at salary of $350 per month.

(*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. Rental on equipment. $25 per day

(*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 Roy R. Ford
(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

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 1305 X

Date received 7-3-51

Participation

Name and address of applicant

Roy R Ford
Jackson
Mont

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 3 1951
LANDON F. STEBEL
Executive Secretary

Date June 26 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 1305 X

INSTRUCTIONS

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16—64067-1

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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.
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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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    (*b*) Supervisors, by numbers and positions, with salaries of each I would be supervisor at Salary of 350.00 per month
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
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    (*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 Rental of equipment $25.00 per day
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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.

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(Name of company)	By Roy R Ford (Signature of authorized official)
(Date)	(Title)

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*Same as footnote on page 1.

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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 1305X

Date received 7-3-51

Participation

Roy R Ford
Jackson
Montana

Name and address of applicant

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 3 1951
LANDON F. SIMPSEL
Executive Secretary

Date June 26 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 1305X

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16—64067-1

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JUL 3 8 25 AM '56
BUREAU OF MINES
WASHINGTON, D. C.

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

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*Same as footnote on page 1.

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

FILE COPY
SURNAME:

Bowen

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

June 20, 1951

Re: Docket No. DMA-1305X

Mr. Roy R. Ford
Jackson
Montana

Dear Mr. Ford:

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 state in answer to Section 9 of Form MF-103 and we quote: "Applicant will furnish machinery, consisting of compressor, jack hammer, receiver tank, air pipes, hoses ore car, rails, power to run, compressor, also cook house and equipment, sleeping quarters and equipment. Applicant will also furnish supervisor, bookkeeper, and cook, as agreed the Governments cost of paying for labor of: Estimated cost of expense for Government-$3,648.00 (for 4 months)."

We are enclosing a copy of MO-5, Regulations Governing Aid on 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 machinery items you listed could all be charged to the project on a rental basis. Supervisor, bookkeeper and cook could be charged on a per day basis to the project. 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. 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 Officer, DMA Field Team, Reg. II, South 157 Howard St, Spokane, Washington
Executive Secretary, DMA
Director Supply Division
Copper Branch, Room 2522
Files

a, E, C

June 20, 1951

Re: Docket No. DMA-1305X

Mr. Ray R. Ford
Jackson
Montana

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Enclosures
JWAlk:gf
Copy to: Executive Officer, DMA Field Team, Reg. II, South 157 Howard St, Spokane, Washington
Executive Secretary, DMA
Director Supply Division
Copper Branch, Room 2522
File

FILE COPY
SURNAME:

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

June 5, 1951

Mr. Roy R. Ford
Jackson, Montana

Subject: DMA-1305X
Re: Exploration Loan
Copper Queen Claims

My dear Mr. Ford:

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

The application was assigned Docket Number DMA-1305X and was referred to Mr. J. B. Gowen, Chief, Copper Branch on May 29, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1305X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

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

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. [illegible]

Commodity [illegible]

Total Amount $[illegible]

Govt. Participation $[illegible]

1. Name and Address of Applicant Roy P Ford

Jackson Montana

2. Location of Property Montana Beaverhead County

Sec 19 T 3S R [illegible]

3. Mineral or metal [illegible] 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 [illegible]
(question 5, 6, 7)* By his statement

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 Yes

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

c) Accessibility (question 12)* [illegible]

d) Water (question 13)* [illegible]

e) Power (question 13)* [illegible]

Is a field check needed on any of these points? [illegible]

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

Is a field check needed on this point? No

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

a) Is the project adequately described? Yes

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

b) Is there an adequate map or sketch of the proposed work? [illegible]

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? [illegible]

If not, what part of it is?

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? _____

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

e) Are the cost estimates reasonable? _____

f) Should more information be requested from applicant? _____

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

11. Exhibit B (question 23-d)*

a) Is it applicable? _____

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

c) Is a field check needed? _____

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

a) Is it applicable? _____

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

c) Are rents and charges reasonable? _____

d) Is a field check needed? _____

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

a) Are there sufficient data? _____

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

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

d) Are the proposed wages and salaries reasonable? _____

e) Is a field check needed? _____

DMA 1305x

EXHIBIT A

21 The applicant proposes to draft 15 feet on the new tunnel, 40 ft on the old tunnel & 40 ft on the old shaft a total of 95 ft - 60 days.

Drafting	$3050.00
Allowance on equipment owned by applicant	150.00
TOTAL	$3200.00

23 d. Not applicable

e. Not applicable

f. Not applicable

g. Jaws $150.00

h. Not applicable

i. Not applicable.

a & b. Draft new tunnel 15 ft at $30/ft $450.00

" old tunnel 40 ft @ 30/ft $1200.00

old shaft 40 ft @ 35/ft $1400.00

$3050.00

c. Not applicable

14. Exhibit E (question 23-c)*

a) Is it applicable? [illegible]

b) Sufficient data? [illegible]

c) Reasonable? [illegible]

d) Field check needed? [illegible]

15. In your judgment, can the proposed work be done in the proposed time? [illegible]

(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? [illegible] Applicant should be told he would have to finance the project (if one is approved) for 2-3 months before Govt reimbursement ~~would~~ could be made.

Reviewed by: [illegible]

D.H. MacKown

C.J. Hurson

Date

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 8, Washington

May 24, 1951

Mr. Landon F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

Enclosed herewith is an application for an exploration loan on the Copper Queen claims, Beaverhead County, Montana, submitted by Roy R. Ford.

Mr. Ford implies that he is willing to submit only his equipment and personnel services toward his share of the program. For this reason he has been informed that further contributions on his part will be required.

We have no geologic information on the property.

Very truly yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: Volin, U.S.B.M.
Shelton, U.S.B.M.

Form 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 1305X

Date received 5-29-51

Participation

Roy R Ford
Jackson
Montana

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application MAY 21 1951

Estimated cost

Mineral or metal Copper, Lead & Silver

Percentage of Government participation

Location of mine Section-19- Township- 7.S.
RANGE - 16. W.

Date of filing MF-100

DMA Docket Number, if available 1305X

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? INDIVIDUAL

*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. See R. sheet

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

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

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

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)? See R. sheet.

*[redacted]ou 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. 2 Recorded Claims - Copper Queen + Copper Queen # 2

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. ~~See R sheet~~ Township 7 South Range 16 West Section 19

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. SAME

*11. State the present and former names of the property, if any. To My Knowledge - Copper Queen is Past + Present Name

*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. See R. Sheet.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. See R. Sheet. State amount of power to be used, rate per hour or other cost, and source. Gasoline at cost of #2. 50 Per Day.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. Cook House + Sleeping Quarters and Equipment For Same

15. State in detail how the ore could be shipped and how and where milled. Ore Could Be Trucked To Anaconda Smelter

*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. See R Sheet

(*b*) State briefly the known history and production of adjoining and neighboring properties. None

(*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	See R Sheet			

*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. Enclosed.

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

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Copper Copper Sulphides " Oxides

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

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. Enclosed Find Maps + Assays.

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. Same As #9 on R. Sheet

(*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 Roy R Ford
(Signature of authorized official)

(Date)

Operator
(Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVE

Reference Sheet (Referred to as R. Sheet) Applicant

(4) I would supervise the project. I have had 6 years of mining experience. Previous to that, I owned and operated the Hot Springs Hotel & Plunge at Jackson, which is now the Diamond Bar Inn. Regarding my honesty and business ability, I refer you to Professor Dingman, School of Mines, Butte, Montana & J. W. Reese of the First National Bank of Dillon, Montana

(9) Applicant will furnish machinery, consisting of Compressor, Jack hammer, Receiver tank, Air pipes, Hoses, Ore car, Rails, Power to run compressor, also cook house & equipment, sleeping quarters &equipment. Applicant will also furnish Supervisor, Book Keeper, & cook, as against the Governments cost of paying for labor of:

2 miners at $10.00 a piece per day---	total:	$20.00
Powder, caps, and fuse at $5.50 per day----------	total:	5.50
Gasoline & oil for machinery per day-	total:	2.50
Groceries for board of 2 miners, Supervisor & cook per day----------	total:	10.00
		$38.00
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Estimated cost of expense for Government--- (per month)		$912.00
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Estimated cost of expense for Government--- (for 4 months)		$3,648.00

(Above Estimate for Government possibly a little high.)

#(12) Location of mine: 22 miles S.W. of Jackson (small town)
R. R. 48 miles east of Jackson , at Dillon
Shipping Point: Ore from mine could be shipped by trucks to Smelter at Anaconda, I would judge to be 105 miles, or to the Washoe Sampler at Butte--118 miles.
Roads to above places in good condition from Jackson.
Condition of roads from Jackson to Mine: First 15 miles a fair dirt road. Next 4 miles rough. Last 3 miles steep & narrow.(Snow on last part until possibly June 20.)

#(13) Cistern could be made to catch snow water & if not sufficient water can be hauled from creek 2 miles from mine.

#(16) Claims were located by parties unknown to me, some 50 years ago, & have been prospected off & on for the last 25 years. Owned about 6 years ago by John Krause & Charles Berry of Jackson, from whom I got the mine 3 years ago.

#(17) (3) New tunnel has been driven in about 30 ft. (See #2 on map)
A 6' lead of copper, silver & lead in evidence (see enclosed assay)
I have shipped 750 # of Ore to American Smelting & Refining Co. at East Helena. Enclosed find report of same.
Good prospect of plenty fair grade ore. Needs developing.

#(21) In my judgment, the lead in new tunnel (#2) is leading to much larger body of ore. It may take a few weeks or several months, but with crew, we should be able to find out by this fall.

(23) Same as list in question (#9)

Form [illegible]-103
(April [illegible]51)

U[illegible]. DEPARTMENT OF THE INTER[illegible]R
DEFENSE MINERALS ADMINISTRATION

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

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Docket No. DMA 1305X

Date received 5-29-51

Participation

Roy R Ford
Jackson
Montana

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application MAY 21 1951 Estimated cost

Mineral or metal Copper, Lead & Silver Percentage of Government participation

Location of mine Section-19-Township 2S
RANGE 16. W.

Date of filing MF-100 DMA Docket Number, if available DMA 1305X

INSTRUCTIONS

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*1. Is applicant an individual, partnership, or corporation? INDIVIDUAL
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*5. Are you the owner or the lessee of the property? owner
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. NONE
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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. 2 RECORDED CLAIMES. COPPER QUEEN + COPPER #2

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. TOWNSHIP 7-SOUTH RANGE 16 W SECTION 19

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. SAME

*11. State the present and former names of the property, if any. TO MY KNOWLEDGE COPPER QUEEN IS PAST + PRESENT NAME

*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. SEE R. SHEET

*13. State source and quantity of water available for operations and its sufficiency at all seasons. SEE R. SHEET State amount of power to be used, rate per hour or other cost, and source. GASOLINE AT COST OF $2.50 PER DAY.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. COOK HOUSE + SLEEPING QUARTERS. + EQUIPMENT FOR SAME

15. State in detail how the ore could be shipped and how and where milled. ORE COULD BE TRUCKED TO ANACONDA SMELTER

*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. SEE R. SHEET

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THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? COPPER COPPER SULPHIDES " OXIDES

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(Name of company)	By Roy R. Ford (Signature of authorized official)
(Date)	OPERATOR (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.

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

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Form MF
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
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Participation

Roy R. Ford
Jackson
Montana

Name and address of applicant

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Date of application MAY 21 1951

Estimated cost

Mineral or metal Copper, Lead & Silver

Percentage of Government participation

Location of mine Section 19 Township 7S Range 16 W.

$912.00 per. month.
4 months.
$3,648

Date of filing MF-100

DMA Docket Number, if available 1305X

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Shipping Point: Ore from mine could be shipped by trucks to Smelter at Anaconda, I would judge to be 105 miles, or to the Meaher Sampler at Butte--110 miles.
Roads to above places in good condition from Jackson.
Condition of roads from Jackson to Mine: First 15 miles a fair dirt road. Next 4 miles rough. Last 3 miles steep & narrow. (Snow on last part until possibly June 20)

(13) Cistern could be made to catch snow water & if not sufficient water can be hauled from creek 2 miles from mine.

(16) Claims were located by parties unknown to me, some 50 years ago, & have been prospected off & on for the last 25 years. Owned about 6 years ago by John Krause & Charles Berry of Jackson, from whom I got the mine 3 years ago.

(17) (3) New tunnel has been driven in about 30 ft. (See #2 on map) A good lead of copper, silver & lead in evidence (See enclosed assay) I have shipped 750 # of Ore to American Smelting & Refining Co. at Great Falls. Enclosed find report ofmine.
Good prospect of plenty fair grade ore. Needs developing.

(21) In my judgment, the lead in new tunnel (#2) is leading to much larger body of ore. It may take a few weeks or several months, but with crew, we should be able to find out by this fall.

(23) Same as list in question (10)