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

May 28, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 28 1952

Memorandum

To: Mails and Files Branch
Attention: Mr. Robert E. Adams,
Administrative Officer

From: Grace L. Ault, Secretary to Ernest Wm. Ellis
Rare and Miscellaneous Metals Division

Subject: Docket DMA-1331X (Copper)
W. R. Hipps
Ashville, N. C.

Kindly close the above docket upon expiration of the 30 days given the applicant to submit additional information required to process the application, which notice was mailed on March 12, 1952. No response has been received.

The docket file was transmitted to you on April 16.

Grace L. Ault

FILE COPY
SURNAME:

Schmidt
Ellis
Hicks

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

MAR 1 2 1952

Mr. W. H. Hipps
Box 7164
Asheville, North Carolina

Re: Docket No. DMA-1331X (Copper)
Madison County, North Carolina

Dear Mr. Hipps:

A review of your application of May 24, 1951, for a $2,500 exploration contract reveals that a letter dated January 25, 1952 by this Division of the Defense Minerals Exploration Administration, requests specific information needed to complete your application.

Nothing further has been received from you and we naturally assume that you are no longer interested.

We wish to cooperate with you in allowing ample time, but if the needed data has not been received by April 15, 1952, we will consider the docket closed.

Sincerely yours,

3/12

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

FSSchmidt/gla
3-13-52
cc to: Adm. Reading File
✓Docket
Messrs. Johnson, C.H. Rm. 3621
Nelson, Ned 4216 G.S.
Ellis
Schmidt
Field Team, Reg. VII (2)

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO :

DATE: ?

FROM :

SUBJECT:

I suggest the field team be sent in to spot check the prospect, for is a bare chance of there being something worthwhile there

R W Lewis

700
FILE COPY
SURNAME:

Ellis
Mute

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

JAN 15 1952

Mr. W. E. Hipps
P. O. Box 7164
Ashville, North Carolina

Re: Docket No. DMA-13310 (Copper)

Dear Mr. Hipps:

This agency, the Defense Minerals Exploration Administration, has recently acquired the files of the former Supply Division of D.M.A. In reviewing your application for an exploration contract we find the information shown in the application wholly inadequate for the purpose of determining the merits of your request. Accordingly should you care to proceed with further processing of this docket, kindly supply the following information:

1. If you have a geological report on your property, kindly furnish us with a copy of said report.

2. Who was the "geologist" mentioned in your application and did he take any samples? If samples were taken what did they show?

3. By map, a sketch will do, show location of property and other pertinent data. Show on map the surface extent of the mineral deposit.

4. Formulate a definite program of exploration, whether by drilling, bulldozing, surface pits or what method. Included is a sample copy of an exploration contract for your guidance in describing the work you propose to do. Note paragraphs 3, 5, 6, 8 and 9 in the contract.

When we have received this information we will be glad to give further study to your application.

Sincerely yours,

S.N. 1-15-52

Ernest W. Ellis, Acting Chief
Ferr & Misc. Metals Division
Defense Minerals Exploration
Administration

EWEllis/jem 1-11-52
cc to: Adm. Reading File
Docket
Messrs. Johnson, G.M. Rm. 3621
Nelson, Ned 4216 G.S.
Ellis
Field Team, Reg. VII (2)

Enclosure

11/6

Mike -

Would you favor an explanatory letter to Applicant, ~~giving him~~ asking for more info, prior to FT exam. If he isn't able to answer even the simplest question, he can at least tell us who the geologist was who reportedly said it was the biggest sulphide deposit in western N.C., when examined, + present address. However, he should be asked to state as well as he can: Precise location of property, ownership, nature of showing (width and length of exposed sulphide deposit), samples taken by whom and give sulphur and copper content (~~if he has never taken~~ if deposit has not been sampled, he should take representative samples and send to an assayer or to a copper smelter, and then let us know results if still interested); what work proposed; estimated cost and time required; is he willing ~~to~~ and able to finance the project if the Govt approves it and reimburses him for its share thereof.

CY

dma - 1331X

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
College Park, Maryland

June 14, 1951

Memorandum

To: J. B. Gowen, Chief, Copper Branch through

Tom Lyon, Chairman, Coordinating Committee

From: Executive Officer, Bureau-Survey Field Team, Region VIII

Subject: Review of Docket DMA-1331X

In reference to the review of Docket 1331X which is attached, the Field Team, including Messrs. H. R. Cornwall, U. S. Geological Survey and H. L. Burmeister, U. S. Bureau of Mines, recommends the rejection of this application. No information has been submitted by the applicant that would indicate the presence of minable quantities of copper in this deposit. No geologic maps have been submitted. No mining or exploration has been done.

McHenry Mosier

McHenry Mosier

Attachments

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1331 X

Commodity copper

Total Amount $2500.00

Govt. Participation $1250.00

1. Name and Address of Applicant W. H. Hipps, Box 7164, Asheville, N. Carolina

2. Location of Property 14 miles south of Hot Springs, N.C., and 35 miles west of Asheville, N.C., at edge of Smokey Mt. Park, in Madison Co.

3. Mineral or metal yes 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 yes

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? not a lessee

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) NF-201? no

b) NF-202 no

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 no data
(question 14 plus general knowledge of availability)

c) Accessibility (question 12) yes

d) Water (question 13) yes

e) Power (question 13) yes

Is a field check needed on any of these points? yes (8b)

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

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 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 data

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? no data

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? not 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? yes

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

c) Are rents and charges reasonable? no data

d) Is a field check needed? yes

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

a) Are there sufficient data? no

b) Is the schedule adequate for the work proposed? no data

c) Is the schedule excessive for the work proposed? no data

d) Are the proposed wages and salaries reasonable? no data

e) Is a field check needed? yes

14. Exhibit E (question 23-c)

a) Is it applicable? not applicable

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? —

15. In your judgment, can the proposed work be done in the proposed time? no statement given of work to be done

(All exploration must be completed within two years.)

16. If field examination is not needed, attach your recommendation.
Recommend rejection of this application

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing questions?

Reviewed by: HR Cornwall
H Cornwallis
C Phum
J B Gowen

Date 6/13/57

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1331 X

Commodity COPPER

Total Amount $2500.00

Govt. Participation $1250.00

1. Name and Address of Applicant W. R. HIPPS
Box 7164, ASHEVILLE, N.C.

2. Location of Property 35 Miles West of Asheville, N.C.
and 14 Miles South of Hot Springs N.C.

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

If not, application will be rejected.

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

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

a) Good

b) Poor

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 OWNER
(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 YES

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

c) Accessibility (question 12)* YES

d) Water (question 13)* YES

e) Power (question 13)* YES

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

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Not too good

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 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? Can't tell.

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? –

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

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?_____

14. Exhibit E (question 23-c)*

a) Is it applicable? _____

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? _____

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

(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? It looks as the the applicant is applying for a "Grub Stake" as he has no project outlined or itemized costs. He has no geological evidence or information on his property. He admits he is not able to furnish answers to most of the pertinent questions

Reviewed by: R. Wamp
R. Wlewis

Date _____

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

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1331X

Commodity COPPER

Total Amount $2500.00

Govt. Participation $1250.00

1. Name and Address of Applicant W. R. HIPPS
BOX 7164, ASHEVILLE, N.C.

2. Location of Property 35 Miles West of Asheville, N.C.
and 14 Miles South of Hot Springs N.C.

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

If not, application will be rejected.

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

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

a) Good

b) Poor

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 OWNER
(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 YES

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

c) Accessibility (question 12)* YES

d) Water (question 13)* YES

e) Power (question 13)* YES

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

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Not too good

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 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? Can't tell

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? —

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

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?_____

14. Exhibit E (question 23-c)*

a) Is it applicable? _____

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? _____

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

(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? It looks as the the applicant is applying for a "Grub Stake" as he has no project outlined or estimated costs. He has no geological evidence or information on his property. He admits he is not able to furnish answers to most of the pertinent questions

Reviewed by: R. Waugh
R. Wilson

Date _____

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

6/5/53

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1331 X

Commodity Copper

Total Amount $2500.00

Govt. Participation $1250.00

1. Name and Address of Applicant W. H. Higgs, Box 7164, Asheville, N. Carolina

2. Location of Property 14 miles south of Hot Springs, N.C., and 35 miles west of Asheville, N.C., at edge of Smokey Mt. Park, in Madison Co.

3. Mineral or metal yes 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 yes

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? not a lessee

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? no

b) MF-202 no

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 no data
(question 14 plus general knowledge of availability)

c) Accessibility (question 12) yes

d) Water (question 13) yes

e) Power (question 13) yes

Is a field check needed on any of these points? yes (8b)

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

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 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, MD-5? yes

If not, what part of it is?

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? no data

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? no data

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? not 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? yes

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

c) Are rents and charges reasonable? no data

d) Is a field check needed? yes

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

a) Are there sufficient data? no

b) Is the schedule adequate for the work proposed? no data

c) Is the schedule excessive for the work proposed? no data

d) Are the proposed wages and salaries reasonable? no data

e) Is a field check needed? yes

14. Exhibit E (question 23-c)

a) Is it applicable? not applicable

b) Sufficient data? ——

c) Reasonable? ——

d) Field check needed? ——

15. In your judgment, can the proposed work be done in the proposed time? no statement given of work to be done

(All exploration must be completed within two years.)

16. If field examination is not needed, attach your recommendation.
Recommend rejection of this application

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing questions?

Reviewed by: H R Cornwall
[illegible]
C H Lewis
D J Muschbach
J B Gowen

Date 6/13/57

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1331 X

Commodity Copper

Total Amount 2500.00

Govt. Participation 1250.00

1. Name and Address of Applicant B. K. Phipps

Box 1164 Asheville NC

2. Location of Property 35 miles West of Cashiers, N.C.

and 14 miles North of Highway Cashiers NC

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

If not, application will be rejected.

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

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

a) Good

b) Poor

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 Owner
(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 Yes

b) Equipment and supplies [illegible]
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

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

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

[illegible]

Is a field check needed on this point? No

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 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? [illegible]

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?_____

g) Is a field examination necessary to complete Exhibit A? No

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?_____

14. Exhibit E (question 23-c)*

a) Is it applicable? _____

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? _____

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

(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]

Reviewed by: [illegible]

[illegible]

Date _____

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

FILE COPY
SURNAME:

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

June 15, 1951

Mr. W. H. Hipps
Box 7164
Asheville, North Carolina

Subject: DMA-1331X
Re: Exploration loan

My dear Mr. Hipps:

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-1331X and referred to Mr. J. E. Gowen, Chief, Copper Branch on May 31, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1331X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

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

dmr 1331X

Asheville, N. C.
May 24, 1951

Defense Minerals Administration
Department of Interior
Washington 25
D. C.

Gentlemen:

I herewith enclose application for exploration loan for copper. This loan is to assist me in determining whether or not copper can be found on a large deposit of iron sulphide rock which I own in or near the Smoky Mountain Range.

A geologist who has seen the iron sulphide rock on my land and also at the famous Fontana copper mine (now not being worked) says I have twice in size and length the deposit of iron sulphide rock found at the Fontana mine in the same range of mountains.

I am

Very truly yours,

W. H. Hipps
Box 7164
Asheville, N. C.

dmr 1831X

Asheville, N. C.
May 24, 1951

Defense Minerals Administration
Department of Interior
Washington 25
D. C.

Gentlemen:

I herewith enclose application for exploration loan for copper. This loan is to assist me in determining whether or not copper can be found on a large deposit of iron sulphide rock which I own in or near the Smoky Mountain Range.

A geologist who has seen the iron sulphide rock on my land and also at the famous Fontana copper mine (now not being worked) says I have twice in size and length the deposit of iron sulphide rock found at the Fontana mine in the same range of mountains.

I am

Very truly yours,

W. H. Hipps

W. H. Hipps
Box 7164
Asheville, N. C.

Dmr 1331X

Asheville, N. C.
May 24, 1951

Defense Minerals Administration
Department of Interior
Washington 25
D. C.

Gentlemen:

I herewith enclose application for exploration loan for copper. This loan is to assist me in determining whether or not copper can be found on a large deposit of iron sulphide rock which I own in or near the Smoky Mountain Range.

A geologist who has seen the iron sulphide rock on my land and also at the famous Fontana copper mine (now not being worked) says I have twice in size and length the deposit of iron sulphide rock found at the Fontana mine in the same range of mountains.

I am

Very truly yours,

W. H. Hipps

W. H. Hipps
Box 7164
Asheville, N. C.

dma 13318

Asheville, N. C.
May 24, 1951

Defense Minerals Administration
Department of Interior
Washington 25
D. C.

Gentlemen:

I herewith enclose application for exploration loan for copper. This loan is to assist me in determining whether or not copper can be found on a large deposit of iron sulphide rock which I own in or near the Smoky Mountain Range.

A geologist who has seen the iron sulphide rock on my land and also at the famous Fontana copper mine (now not being worked) says I have twice in size and length the deposit of iron sulphide rock found at the Fontana mine in the same range of mountains.

I am

Very truly yours,

W. H. Hipps

W. H. Hipps
Box 7164
Asheville, N. C.

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 1331X

Date received 5-29-51

Participation

W. R. Hipps
Box 7164
Ashville, North Carolina

Name and address of applicant

Date May 24, 1951

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $2500.00

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine 35 miles west of Ashville, N. C.
& 14 miles South of Hot Springs, N. C.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? MF 100

*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. MF 100

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. MF 100

*5. Are you the owner or the lessee of the property? MF 100

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. Owner

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. Not in operation

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)? $1250-yes

*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. Follow all along side of ridge of mountain & on 200 acres

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

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. MF 100

*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. MF 100

*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. MF 100

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. MF 100

15. State in detail how the ore could be shipped and how and where milled. Ore can be shipped by RR to Ducktown, Tenn. & there milled.

*16. History: MF 100

(*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. No work done

(*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. I had geologist on property & he advised I make explorations

*17. Production: MF 100

(*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.) MF 100

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

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

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

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

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 3 to 4 months

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. Do not have this 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. Do not have this

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

(*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. answer these questions

(*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. Cannot answer

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.

W. R. Hipps (Name of company) By W. R. Hipps (Signature of authorized official)

May 24, 1951 (Date) Box 7164 Ashville, N. C. Owner (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 1331 X

Date received 5-29-51

Participation

Name and address of applicant

Date May 24, 1951

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $2500.00

Mineral or metal Copper

Percentage of Government participation 50%.

Location of mine 35 mi West of Asheville NC
+14 miles South of Hot Springs NC

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? M.F. 100

*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. M.F. 100

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. M.F. 100

*5. Are you the owner or the lessee of the property? M.F. 100

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. None

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. Not in operation

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)? $1250 - Yes

*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. Follow along ridge of mountain for 200 acres of land.

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

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. M.F. 100

*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. M.F. 100.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. M.F. 100
State amount of power to be used, rate per hour or other cost, and source. M.F. 100

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. M.F. 100

15. State in detail how the ore could be shipped and how and where milled. Ore can be shipped to Decatur, Tenn. & there 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. No work done

(*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. I had geologist on property

*17. Production: Not in operation and he advised I make explorations

(*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.) M.F. 100

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

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

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

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

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 3 to 6 months

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. Do not have this 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. Do not have

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

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

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

(*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. cannot answer

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.

W. H. Hipps — By W. H. Hipps
(Name of company) Box 7164 Asheville N.C. — (Signature of authorized official)
May 24, 1951 — Owner
(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.

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 1331X

Date received 5-29-51

Participation

W. R. Hipps
Box 7164
Ashville, North Carolina

Name and address of applicant

Date May 24, 1951

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $2500.00

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine 35 miles west of Ashville, N. C.
& 14 miles South of Hot Springs, N. C.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? MF 100
*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. MF 100
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. MF 100
*5. Are you the owner or the lessee of the property? MF 100
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. Owner

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. Not in operation
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)? $1250-yes

*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 Follow all along side of ridge or mountain & on 200 acres

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

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. MF 100

*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. MF 100

*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. MF 100

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. MF 100

15. State in detail how the ore could be shipped and how and where milled. Ore can be shipped by RR to Ducktown, Tenn. & there milled.

*16. History: MF 100

(*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. No work done

(*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. I had geologist on property & he advised I make explorations

*17. Production: MF 100

(*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.) MF 100

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

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

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

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

THE EXPLORATION

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 3 to 4 months

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. Do not have this 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.

Do not have this information to answer these questions

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. Cannot answer

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.

W. R. Hipps
(Name of company)

By W. R. Hipps
(Signature of authorized official)

May 24, 1951 Box 7164 Ashville, N. C.
(Date)

Owner
(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. DEPARTMENT OF THE INTER
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 13318

Date received 5-29-51

Participation

Name and address of applicant

Date May 24, 1951

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $2500.00

Mineral or metal copper

Percentage of Government participation

Location of mine 35 miles West of Asheville NC and 14 miles South of Hot Springs, NC.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? MF 100

*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. MF 100

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. MF 100

*5. Are you the owner or the lessee of the property? MF 100

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. owner

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. not in operation

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)? $1250 — yes.

*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. Follow along ridge of Mountain on 200 acres of land.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. Same

    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. M.F. 100

*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. M.F. 100

*13. State source and quantity of water available for operations and its sufficiency at all seasons. M.F. 100
State amount of power to be used, rate per hour or other cost, and source. M.F. 100

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. M.F. 100

15. State in detail how the ore could be shipped and how and where milled. Ore can be shipped to Quartzburg Tenn & there 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. No work done
    (*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. I had geologist on property (not in production) and he advised I make exploration

*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. M.F. 100
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? copper
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 3 to 6 months

    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. Do not have this 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. Do not have information to answer these questions.
    (*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. Cannot answer.

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) 1004 Asheville NC — By (Signature of authorized official)

May 24, 1951 (Date) — Owner (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.

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTER
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 1331 X

Date received 5-29-51

Participation

Name and address of applicant

Date May 24, 1951

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $2500.00

Mineral or metal Copper

Percentage of Government participation 50%.

Location of mine 35 miles West of Asheville NC
& 14 miles South of Hot Springs NC

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? MF 100

*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. MF 100

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. MF 100

*5. Are you the owner or the lessee of the property? MF 100

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. owner

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. Not in operation

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)? $1250 - yes

*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. follow along ridge or Mountain on 200 acres of land

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

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. M.F. 100

*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. M.F. 100

*13. State source and quantity of water available for operations and its sufficiency at all seasons. M.F. 100
State amount of power to be used, rate per hour or other cost, and source. M.F. 100

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. M.F. 100

15. State in detail how the ore could be shipped and how and where milled. Ore can be shipped to Depot Tenn, Tenn + there 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. no work done

(*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: (not in operation) I had geologist on property and he advised I make explorations

(*a*) If mine is in production, furnish the following information: not in production

	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. M.F. 100

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

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

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? copper

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 3 to 6 months.

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. Do not have this 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. Do not have this information to answer.

(*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. cannot answer

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.

M. Phillips — (Name of company) Box 7164 Asheville, N.C. — By M. Phillips (Signature of authorized official)

May 24, 1951 (Date) — Owner (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.

Form MF-100
(May 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 1331X

Date received 5-29-51

W. R. Hipps

Name and address of applicant

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) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) 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? Copper
   (*b*) What are the byproducts, if any? Iron Sulphide
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). This is purely for exploration purposes. No work has been done-just a large deposit of iron sulphide rock. No water problem

   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. 14 mi. S. of Hot Springs, NC
   (*b*) Mining district. Smokey Mt. Range-at edge of Smokey Mt. Park
   (*c*) Township, Section, Range. Smokey Mt. Range
   (*d*) County, State. Madison County, North Carolina
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: Not in operation
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production Has never been worked

   If not in production or operation, estimated date when production will begin when money available
6. Experience of operators: 10 yrs experience in mining; 3 yrs lumber business; 25 yrs active practice law; 10 yrs Supt. of schools. I shall manage project.
   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. Has never been in 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. A geologist tells me this is the largest deposit of iron sulphide rock he has seen in Western North Carolina.

16—63792-2

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

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: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: 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: Inapplicable

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: Inapplicable

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. Inapplicable

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. On a m[illegible]in which I cross there is a [illegible]on of iron sulphide rock more than $\frac{1}{4}$ mi. in length. This same rock in adjacent level land around mountain Also this rock is an adjoining land owned by me. The deposit is very large.

(*b*) If deposit is other than p[redacted] Do not have sufficient inf[redacted]ion

(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: Do not have sufficient information to answer

(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 mi. S. Hot Springs, NC; Supplies & residences near by; condition of roads good.

14. Water Supply:

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

15. Power:

State amount of power used, rate per hour, and source thereof. Power available-Rural Electric line.

16. Labor:

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

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. Building on property, but no equipment

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain. I have been advised to begin at foot of Mt. & follow iron sulphide rock in level land from the mountain.

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.

W. H. Hipps
(Name of company)

By W. H. Hipps
(Signature of authorized official)

Box 7164 Asheville, N. C.

May 24, 1951
(Date)

Owner
(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

Form MF-100
(March 1951)

U[redacted] DEPARTMENT OF THE INTER[redacted]
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 13318

Date received 5-29-51

Name and address of applicant

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? Copper
   (b) What are the byproducts, if any? iron sulphide
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). This is purely for exploration purposes. No work has been done — just a large deposit of iron sulphide rock. No water problem.

   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. 14 miles South of Hot Springs, N.C.
   (b) Mining district. None at edge of Smokey Mountain Park
   (c) Township, Section, Range. Smokey Mt Range
   (d) County, State. Madison County, North Carolina.
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: Not in operation
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production Never has been worked.

   If not in production or operation, estimated date when production will begin When money available
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. 10 yrs mining experience; 3 yrs lumber business; 25 yrs active practice of law; 16 yrs Supt of Schools. I shall manage 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. Has never been in operation.
   (b) State briefly the known history and production of adjoining and neighboring properties. None in operation
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. Geologist tells me this is the largest deposit of iron sulphide he has seen in Western North Carolina.

16-63792-1

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

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: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: 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: Inapplicable **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: inapplicable

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. Inapplicable

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.

On a mountain which I own there is a section of iron sulphide rock more than 1/4 of mile in length - this same rock is

the adjacent level land around mountain. Also are adjoining land not owned by me. Deposit is very large.

(b) If deposit is other than placer: Inapplicable

(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: Do not sufficient information to answer

(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 S. of Hot Springs Ma
Supply + residences near deposit — roads good all yr. around.

14. Water Supply:

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

15. Power:

State amount of power used, rate per hour, and source thereof. Power available — Rural electric line

16. Labor:

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

17. Equipment and Facilities: Building on property, but no equipment.

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.
I have been advised to begin at foot of mountain + follow iron sulphide work in the level land from the mountain.

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) Oneaette, Ma. Oct 7/64

By (Signature of authorized official)

May 24, 1951
(Date)

Owner
(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

Form MF-100
(March 1951)

U[redacted] DEPARTMENT OF THE INTER[redacted]R
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 1331 X

Date received 5-29-51

Name and address of applicant

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? Copper
   (b) What are the byproducts, if any? iron Sulphide
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). This is purely for exploration purposes. No work has been done just a large deposit of iron Sulphide rock. No water problem.

   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. 14 South of Hot Springs, NC.
   (b) Mining district. None or the edge of Smoky Mountain Park.
   (c) Township, Section, Range. Smoky Mt Range
   (d) County, State. Madison County North Carolina.
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: Not in operation
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production has never been worked

   If not in production or operation, estimated date when production will begin When money available
6. Experience of operators: 10 yrs experience in mining; 3 yrs timber business; 25 yrs college practice of law; 10 yrs Dept of Schools. I shall manage project.

   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. Has never been in operation
   (b) State briefly the known history and production of adjoining and neighboring properties. none in operation
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. A geologist tells me this is the largest deposit of iron Sulphide rock he has seen in Western North Carolina.

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

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: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: 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: Inapplicable **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: Inapplicable

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. Inapplicable

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. Our a[illegible] mountain which I o[illegible]n here is a decision of iron sulphide rock more than 1/4 mi in length. This [illegible]

16—63720-1

work on adjacent lease land around mountain. Assessment work is on adjoining land not owned by me. The deposit is very large.

(b) If deposit is other than placer: Do not have sufficient information to answer

(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: Do not have sufficient information to answer

(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. Roads good 14 mi from shipping point, supplies + residences close by.

14. Water Supply:

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

15. Power:

State amount of power used, rate per hour, and source thereof. Power available - Rural Electric line.

16. Labor:

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

17. Equipment and Facilities:

Building on property, but no equipment.

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. I have been advised that there is at foot of mountain + follow iron sulphide rock in the level land from the mountain.

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.

W. H. Hipps
(Name of Company)
Box 7164 Asheville NC

By W. H. Hipps
(Signature of authorized official)

May 24, 1951
(Date)

Owner
(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

Form MF-100
(March 1951)

U[redacted] DEPARTMENT OF THE INTER[redacted]R
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. dmd 1331X

Date received 5-29-51

Name and address of applicant

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? copper
   (b) What are the byproducts, if any? iron sulphide
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). This is merely for exploration purposes. No work has been done — just a large deposit of iron sulphide rock. No water problem.

   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. 14 S. of Hot Springs, N.C.
   (b) Mining district. Smokey Mt ranges, No mining district
   (c) Township, Section, Range. Smokey Mt.
   (d) County, State. Madison County North Carolina.
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: not in operation.
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production has never been worked.
   If not in production or operation, estimated date when production will begin When money available.
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. 10 yrs experience in mining; 3 yrs in business; 25 yrs practice of law; 10 yrs Supt of Schools. I shall manage 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. Has never been in operation.
   (b) State briefly the known history and production of adjoining and neighboring properties. None in operation
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. A geologist tells me this is the largest deposit of iron sulphide rock he has seen in Western North Carolina.

16—63792-1

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

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: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: 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: Inapplicable **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: Inapplicable

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. Inapplicable

12. Ore or Mineral Reserves:

(a) Describe the ore or mine[illegible]posit briefly. Accompany the application b[illegible]y available report on the geology and ore reserves. On a[illegible] mountai[illegible] d acon there [illegible] a section of iron sulphide rock m[illegible] than 1/4 mi in length. This same

rock in adjacent level land around mountains. Also this rock on adjoining land not owned by me. The deposit is very large.

(b) If deposit is other than placer: Do not have sufficient information to answer.

(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: Do not have sufficient information to answer.

(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. 1¼ mi S. Hot Springs, NC; Supplies + residences near by; Road good.

14. Water Supply:

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

15. Power:

State amount of power used, rate per hour, and source thereof. Power available - Rural Electric line

16. Labor:

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

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. Building on property

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain. I have been advised to begin at foot of mt + follow now buried rock in level land from the mountain

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.

W H Hipps (Name of company) Box 7164 Asheville NC By W H Hipps (Signature of authorized official)

May 24, 1951 (Date) Owner (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

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 1331 X

Date received 5-29-51

W. R. Hipps

Name and address of applicant

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? ~~[illegible]~~ Copper
   (b) What are the byproducts, if any? ~~[illegible]~~ Iron Sulphide
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). This is purely for exploration purposes. No mining has been done - just a large deposit of iron sulphide rock. No water problem.

   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. 14 mi S of Hot Springs, N.C.
   (b) Mining district. Smoky Mt Range - at edge of Smoky Mt Park.
   (c) Township, Section, Range. Smoky Mt Range
   (d) County, State. Madison County North Carolina.
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: Not in operation
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production has never been worked.

   If not in production or operation, estimated date when production will begin When money available.
6. Experience of operators: 10 yrs experience in mining; 2 yrs lumber business; 25 yrs active practice of law; 10 yrs right of way sales. [illegible]

   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. Has never been in 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. A geologist tells me this is the largest deposit of iron sulphide rock he has seen in Western North Carolina.

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

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: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: 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: Inapplicable **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: Inapplicable

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. Inapplicable.

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. [redacted] a mountain which I co[redacted] there is a section of iron pyrite rock more than 1/4 mile in length. Ohio

Same rock in adjacent level land around mountain. Also this rock is [redacted] on adjoining land [redacted] owned by me. The deposit is [redacted] large.

(b) If deposit is other than placer: Do not have sufficient information to answer.

(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: Do not have sufficient information to answer.

(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 mi S. Hot Springs NC; Supplies + residences nearby; Condition of roads good.

14. Water Supply:

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

15. Power:

State amount of power used, rate per hour, and source thereof. Power available – Rural Electric line.

16. Labor:

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

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. Building on property, but no equipment.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain. I have been advised to begin at foot of mt + follow iron sulphide rock in level land from the mountain.

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.

Box 7164 Asheville, NC. (Name of company) By (Signature of authorized official)

May 24, 1951 (Date) Owner (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

Form MF-100
(May 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 1331X

Date received 5-29-51

W. R. Hipps

Name and address of applicant

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) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) 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? Copper
   (*b*) What are the byproducts, if any? Iron Sulphide
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). This is purely for exploration purposes. No work has been done-just a large deposit of iron sulphide rock. No water problem

   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. 14 mi. S. of Hot Springs, NC
   (*b*) Mining district. Smokey Mt. Range-at edge of Smokey Mt. Park
   (*c*) Township, Section, Range. Smokey Mt. Range
   (*d*) County, State. Madison County, North Carolina
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: Not in operation
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production Has never been worked

   If not in production or operation, estimated date when production will begin when money available
6. Experience of operators: 10 yrs experience in mining; 3 yrs lumber business; 25 yrs active practice law; 10 yrs Supt. of schools. I shall manage project.

   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. Has never been in 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. A geologist tells me this is the largest deposit of iron sulphide rock he has seen in Western North Carolina.

16—63792-2

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

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: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: 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: **Inapplicable** 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: **Inapplicable**

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. **Inapplicable**

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. **On a mo[illegible]ain which I cross there is a s[illegible]ion of iron sulphide rock more than ½ mi. in length. This same rock in adjacent level land around mountai[illegible] Also this rock is an adjoining land owned by me. The deposit is very large.**

(*b*) If deposit is other than placer: Do not have sufficient information

(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

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Measured (proved)					
Indicated (probable)					

(*c*) If placer: Do not have sufficient information to answer

(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 mi. S. Hot Springs, NC; Supplies & residences near by; condition of roads good.

14. Water Supply:

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

15. Power:

State amount of power used, rate per hour, and source thereof. Power available-Rural Electric line.

16. Labor:

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

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. Building on property, but no equipment

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain. I have been advised to begin at foot of Mt. & follow iron sulphide rock in level land from the mountain.

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.

W. H. Hipps
(Name of company)
Box 7164 Asheville, N. C.

By W. H. Hipps
(Signature of authorized official)

May 24, 1951
(Date)

Owner
(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

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERI

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 1331X

Date received 5-29-51

Participation

Name and address of applicant

Date May 24, 1951

FILL IN THIS BLOCK

Date of application May 24, 1951

Estimated cost $2500.00

Mineral or metal Copper

Percentage of Government participation 50 %

Location of mine 35 miles West of Asheville NC + 14 miles South of Hot Springs, NC.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? MF 100

*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. M.F. 100

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. MF 100

*5. Are you the owner or the lessee of the property? M.F. 100.

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. owner

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. Not in operation

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)? $1250 — Yes

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

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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. Yellow are along side of ridge or mountain 200 acres
(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. Same

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. M F 100 –
*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. M.F. 100
*13. State source and quantity of water available for operations and its sufficiency at all seasons. M F 100
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. M F 100
15. State in detail how the ore could be shipped and how and where milled. Ore can be shipped by R.R. to Duncktown, Tenn + there milled.
*16. History: M F 100
(*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. No work done.
(*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. I had geologist on property + he advised I make explorations
*17. Production: M.F. 100
(*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.) M.F. 100
(*a*) Describe the ore or mineral deposits briefly.
(*b*) Submit available maps and assay data.
(*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Copper
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 3 months

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. Do not have this 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. Do not have
(*b*) Supervisors, by numbers and positions, with salaries of each. this information to
(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. answer these questions
(*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. Cannot answer

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.

Leo H Hipks
(Name of company)
Box 7164, Asheville NC

By Leo H Hipks
(Signature of authorized official)

May 24, 1951
(Date)

Owner
(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.

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