DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1988 MN

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION LOAN

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

Routing Slip

CODE -340 3 6 4

To: Manganese Br. Date 8-21-51

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

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To: _____ Date _____

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CONTROLLED DOCUMENT

INT.-DUP. SEC., WASH., D.C. 98868

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

224 New Customhouse
Denver 2, Colorado

1-18-52

December 18, 1951

Mr. Frank H. Eastmond
Box 637
Lehi, Utah

Re: DMA Docket 1988

Dear Mr. Eastmond:

Your application for Government assistance in exploration work on the Mono Manganese Property at an estimated cost of $10,000 has been reviewed by the Defense Minerals Administration and a field examination completed.

Records of past production and a study of the deposits indicate that the proposed exploration work would not prove additional ore of a grade or tonnage that would be of commercial significance. Therefore, your application for assistance is denied.

We wish to thank you for bringing this property to our attention.

Very truly yours,

J. H. East, Jr.
Executive Officer
DMA Field Team, Region IV

cc: Executive Secretary, DMA, Washington, D. C.

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

January 5, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $10,000.00
Docket No. DMA 1988 - Manganese-Iron
Mono Manganese Mine
Utah County, Utah

Transmitted herewith for your information is a copy of a letter by J. H. East, Jr., dated December 18, 1951, which advises the applicant that his loan has been denied because of the lack of commercial possibilities. Copies of the field reports, which furnished the basis for the decision, accompany the letter.

This office concurs with the denial recommendation.

G. C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Enclosures - 2

FILE COPY 400
SURNAME:

Selfridge

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

January 5, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $10,000.00
Docket No. DMA 1988 - Manganese-Iron
Mono Manganese Mine
Utah County, Utah

Transmitted herewith for your information is a copy of a letter by J. H. East, Jr., dated December 18, 1951, which advises the applicant that his loan has been denied because of the lack of commercial possibilities. Copies of the field reports, which furnished the basis for the decision, accompany the letter.

This office concurs with the denial recommendation.

G. C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Enclosures - 2

GCSelfridge'lm
1/5/52

cc: Admn. Reading File
✓ Mails and Files Br.
Docket
G. C. Selfridge

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

January 5, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $10,000.00
Docket No. DMA 1988 - Manganese-Iron
Mono Manganese Mine
Utah County, Utah

Transmitted herewith for your information is a copy of a letter by J. H. East, Jr., dated December 18, 1951, which advises the applicant that his loan has been denied because of the lack of commercial possibilities. Copies of the field reports, which furnished the basis for the decision, accompany the letter.

This office concurs with the denial recommendation.

George C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Enclosures - 2

GCSelfridge'lm
1/5/52

cc: Admn. Reading File
Mails and Files Br.
Docket
G. C. Selfridge

January 5, 1932

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $16,000.00
Robert H. Hill Jr. - Engineer-Geo.
Iron Mountain Mine
Utah County, Utah

Enclosed herewith for your information is a copy of a letter by J. H. Hill, Jr., dated December 28, 1931, which advises the applicant that his loan has been denied because of the lack of commercial possibilities. Copies of the field reports, which furnished the basis for the decision, accompany the letter.

This office concurs with the denial recommendation.

George C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Enclosures - 2

GCSelfridge'hr
1/5/32

cc: Admn. Reading File
Mails and Files Br.
Docket
G. C. Selfridge

January 5, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $10,000.00
Docket No. DMA 1988 - Manganese-Iron
Mono Manganese Mine
Utah County, Utah

Transmitted herewith for your information is a copy of a letter by J. N. East, Jr., dated December 18, 1951, which advises the applicant that his loan has been denied because of the lack of commercial possibilities. Copies of the field reports, which furnished the basis for the decision, accompany the letter.

This office concurs with the denial recommendation.

G. C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Enclosures - 2

GCSelfridge'lm
1/5/52

cc: Admn. Reading File
Mails and Files Br.
Docket
✓ G. C. Selfridge

January 5, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $10,000.00
Docket No. DMA 1988 - Manganese-Iron
Mono Manganese Mine
Utah County, Utah

Transmitted herewith for your information is a copy of a letter by J. H. East, Jr., dated December 18, 1951, which advises the applicant that his loan has been denied because of the lack of commercial possibilities. Copies of the field reports, which furnished the basis for the decision, accompany the letter.

This office concurs with the denial recommendation.

George C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Enclosures - 2

GCSelfridge'lm
1/5/52

cc: Admn. Reading File
Mails and Files Br.
Docket
✓ G. C. Selfridge
(Jon reading file)

FILE COPY
SURNAME:

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

Holderer
Jacoby
Wadsley
Crittenden
Moon
Layer

SEP 19 1951

A. E. C.

Mr. Frank H. Eastmond
Box 637
Lehi, Utah

In reply please refer to
DMA 1988

Dear Mr. Eastmond:

Your application for an exploration project in the amount of $10,000 has been referred to the field for additional information.

Before we can consider your application further, this additional information is required. We suggest that you contact Mr. J. H. East, Jr., 224 New Customhouse Building, Denver 2, Colorado, and offer him whatever assistance he may require.

Very truly yours,

SIGNED BJ 9/19

Tom Lyon, Director
Supply Division

CHJacoby:ll 9/14/51
CC: ~~Files~~ DMA Docket File
Adm. Reading File
Mr. Holderer
Field Team, Region IV

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

SEP 19 1951

Mr. J. H. East, Jr., Executive Officer
Field Team Region IV
224 New Customhouse Building
Denver 2, Colorado

Dear Sir:

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

Docket No. 1988

Commodity Manganese

Applicant Frank H. Eastmond

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

Very truly yours,

Tom Lyon, Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. [illegible]

Commodity [illegible]

Total Amount [illegible]

Govt. Participation [illegible]

1. Name and Address of Applicant [illegible]

[illegible]

2. Location of Property [illegible]

[illegible]

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

If not, application will be rejected.

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

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

a) Good _____

b) Poor _____

c) None _____

d) Don't know—needs field examination ✓

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

5. Is the applicant's right to the property clearly stated? No
(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 Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Not clear – [illegible]

d) Water (question 13)* ______

e) Power (question 13)* ______

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

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

______

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

More information needed

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Not clear

If not, what part of it is? [illegible]

[illegible]

[illegible]

______

Is this part a worthwhile exploration project? Not known

d) Are the cost estimates detailed? [illegible]

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

e) Are the cost estimates reasonable? Yes

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? Yes

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes

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 rents mentioned

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

c) Is the schedule excessive for the work proposed? None given to count

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

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

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? The applicant has not submitted any map of the proposed dam site showing the [illegible] for establishing [illegible] of the proposed dam site [illegible].

Reviewed by: [illegible]

Date [illegible]

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

SEP 19 1951

Mr. Frank H. Eastwood
Box 637
Lehi, Utah

In reply please refer to
DMA 1955

Dear Mr. Eastwood:

Your application for an exploration project in the amount of $10,000 has been referred to the field for additional information.

Before we can consider your application further, this additional information is required. We suggest that you contact Mr. J. H. East, Jr., 224 New Customhouse Building, Denver 2, Colorado, and offer him whatever assistance he may require.

Very truly yours,

SIGNED

Tom Lyon, Director
Supply Division

CHJacoby:ll 9/14/51
CC: ~~Etins~~ DMA Docket File
Adm. Reading File
Mr. Holderer
Field Team, Region IV

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

Mr. J.H. East, Jr., Executive Officer
Field Team Region IV
224 New CustomHouse Building
Denver 2, Colorado

Dear Sir:

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

Docket No. 1988

Commodity Manganese

Applicant Frank H. Eastmond

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

Very truly yours,

Tom Lyon, Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

File Content to Field

DMA-1988 Manganese

1. 1 Copy of MF-103 with attached sheets
2. 1 Copy of claim map

9/6/51

AIR MAIL

Mr. Frank H. Eastmond
Box 637
Lehi, Utah

In reply please refer to
DMA-1988

Dear Mr. Eastmond:

Your application is being reviewed carefully and has been referred to the field. Inasmuch as there is additional data that is required we suggest you contact Mr. J. H. East, Jr., 224 New Customhouse Building, Denver 2, Colorado, and offer him whatever help he may require.

You may expect prompt action on your application when we have received the required data.

Very truly yours,

Tom Lyon, Director,
Supply Division

CHJacoby:ec
Sept. 6, 1951

CC: Adm. Reading File
Reports & Records Unit
Mr. Holderer
Field Team Region IV
Coord. Comm.
Mr. Crittenden
Mr. Melcher

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

Mr. J. R. Fast, Jr., Executive Officer
Field Term Region IV
224 New Customhouse Building
Denver 2, Colorado

Dear Sir:

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

Docket No. 1970

Commodity Manganese

Applicant Frank E. Eastwood

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

Very truly yours,

Tom Lyon, Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : G. B. Holderer DATE: August 29, 1951

FROM : M. D. Crittenden

SUBJECT: DMA_1988 Frank H. Eastmond

Mr. Frank H. Eastmond proposes to spend $10,000 to explore and develop a deposit of manganiferous iron ore in Utah County, about 30 miles from the Geneva Steel plant. The deposit is known to the Geological Survey but has not been examined. It is only a short distance from the Trotter mine on which the Levan Mining Co. requested an exploration loan of $20,000.

The application is accompanied by a claim map of the property, showing the location of some open cuts, but giving no assays, samples, or geologic information. There is no indication of proposed drill hole locations, etc. nor is there any certainty that diamond drilling will give satisfactory results in this material.

Half of the proposed expenditure is for drilling, the other half is for road repair, a permanent water supply (1¼" pipe and pump), a "miner and helper" duties not stated, and lumber. Engineering and geological services are not provided for.

It is recommended that the proposal be referred to the field to determine whether the geologic prospects appear to warrant any exploration, and if so whether the proposed drilling is the most logical means of exploration, or if preliminary surface trenching would be more suitable.

M.D.C.

G. B. Holderer

August 29, 1951

M. D. Crittenden

DMA_1988 Frank H. Eastmond

Mr. Frank H. Eastmond proposes to spend $10,000 to explore and develop a deposit of manganiferous iron ore in Utah County, about 30 miles from the Geneva Steel plant. The deposit is known to the Geological Survey but has not been examined. It is only a short distance from the Trotter mine on which the Levan Mining Co. requested an exploration loan of $20,000.

The application is accompanied by a claim map of the property, showing the location of some open cuts, but giving no assays, samples, or geologic information. There is no indication of proposed drill hole locations, etc. nor is there any certainty that diamond drilling will give satisfactory results in this material.

Half of the proposed expenditure is for drilling, the other half is for road repair, a permanent water supply (1½" pipe and pump), a "miner and helper" duties not stated, and lumber. Engineering and geological services are not provided for.

It is recommended that the proposal be referred to the field to determine whether the geologic prospects appear to warrant any exploration, and if so whether the proposed drilling is the most logical means of exploration, or if preliminary surface trenching would be more suitable.

MDCrittenden:gt

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1988

Commodity Manganese

Total Amount $10,000

Govt. Participation 75%

1. Name and Address of Applicant Frank H. Eastmond
Box 637, Lehi, Utah

2. Location of Property Sections 9, 10, and 15 T11S R1W
Salt Lake Base and Meridian - Mono Mining Dist. - 6 miles
Northwest of Mona, Utah.

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

If not, application will be rejected.

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

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

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

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

5. Is the applicant's right to the property clearly stated? No
(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 Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Not clear - Need additional info.

d) Water (question 13)* ——

e) Power (question 13)* ——

Is a field check needed on any of these points? Yes "C"

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

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
More information needed

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Not clear

If not, what part of it is? What are the miner and holder to do. No engineering, geological, assay, or bookeeping included.

Is this part a worthwhile exploration project? Not known

d) Are the cost estimates detailed? Partially

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? Yes

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? Yes

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes

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 rents mentioned

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

c) Is the schedule excessive for the work proposed? None given for contracts

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? No time given for contractor.

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? The applicant has not submitted any map of proposed drill hole locations, cross sections, assays, geologic maps, or any basis for establishing whether or not the proposed drilling is adequate.

Reviewed by: C. H. Jacoby

Date 9/2/51

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

Referred to
Max C. 8/21/51

Subject: DMA-1988
Re: Exploration Loan
Mono Mine

Mr. Frank H. Eastmond
Box 637
Lehi, Utah

My dear Mr. Eastmond:

This will acknowledge receipt of your application dated August 20, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-1988 and referred to the Manganese Branch.

Kindly refer to DMA-1988 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

Saratoga Resort
Lehi, Utah
August 15, 1951

Defense Minerals Administration
U. S. Department of the Interior
Washington 25, D.C.

Gentlemen,

I am enclosing my "Application for Aid for an Exploration Project Pursuant to Mineral Order 5 Under Defense Production Act of 1950."

This application concerns the thorough investigation of a manganese mine which I own in Mono, Utah. The property is readily accessible to the Geneva Steel Plant.

I feel that the develcoment of this potential body of strategic material will not only help meet the critical defense needs of our country, but will substantially benefit the economic status of the local community.

Thank you very much for your consideration.

Sincerely yours,

Frank H. Eastmond

Frank H. Eastmond

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 20 1951

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-1988

Date received 8-20-51

Participation

Frank H. Eastmond
Box 637
Lehi, Utah

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application August 14, 1951

Estimated cost $10,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Utah County, Utah

Date of filing MF-100

DMA Docket Number, if available 1988

INSTRUCTIONS

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 20 1951

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

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

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

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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

*11. State the present and former names of the property, if any.

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

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

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

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

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

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

CERTIFICATION

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

---------- (Name of company)	By ---------- (Signature of authorized official)
August 14, 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.

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

Frank H. Bas[illegible]nd, applicant
Box 637, Lehi, Utah.

1. The applicant, Frank H. Bastmond, an individual, Box 637, Lehi, Utah.

2 & 3. Inapplicable.

4. The applicant is the manager and owner of Saratoga Resort, Lehi, Utah; owner and operator of the Mono Mine; and a Director of the New Majestic Mining Co., a producing mine.

5 & 6. The applicant owns the Mono Mine. There are no liens or encumbrances against it.

7. Inapplicable.

8. My assets are as follows: Bank of Pleasant Grove, Pleasant Grove, Utah, $3,500 in my checking account; Farmers & Merchants Bank, Provo, Utah with $700 in my checking account; a 60 acre ranch valued at $200 per acre; and $3,000 in crops this year; Three first mortgages in Lehi, Utah for $15,000. Saratoga Resort is clear and worth $100,000.

9. $5,000 loan is desired which is sufficient.

THE PROPERTY

10. The Mono Mine, for which application for loan is made, is located in Sections 9, 10, and 15, Township 11 South, Range 1 West, Salt Lake Base & Meridian, situate in the Mono Mining District. It is six miles north-west of the town of Mono, Utah

11. This property has always been referred to as the Mono Mine.

12. Mono, Utah, the nearest town is located on an all weather U. S. Highway 91 and is 5½ miles from the Union Pacific Railroad.

13. Water for drilling is located 500 yards from the mine.

14. There are no usable facilities on the properties.

15. Ore has been and will be shipped to Geneva Steel plant by truck and rail over a distance of about 50 miles.

16. The mine consists of two patented claims, The Lucky Boy, and Queen of the West, both patents granted in 1909; also five unpatented lode mining claims, the Saratoga #1, Saratoga #2, Saratoga #3, Saratoga #4, and Lucky Boy Extension.

17. In 1950, 428 tons of ore were shipped to Geneva from the Lucky Boy averaging 9% Manganese and 40% Iron. This was open cut mining. A half mile North of this, 380 tons were shipped from the Queen of the West. This ore averaged 15% Manganese and 32% iron.

18. There are 30,000 tons of surface ore blocked out.

19. None.

Frank H. East[illegible]d, applicant
Box 637, Lehi, Utah

20. Manganese or any other minerals.

21. (a). Core drilling the property; 12 holes from 50 to 200 feet.

(b). An engineers mapping of this property.

(c). Construction of a small building to house watchman and equipment.

(d). Building an ore bin and dump.

(e). Developing the spring and running a 1,500 foot 1½" pipe line for drilling water.

(f). Improving the road.

(g). This work should take 6 months.

22. The surface ore is in place and if it goes 200 feet deep it will be an economic factor in this locality.

23. THE REQUIREMENTS AND COSTS

23.	(a). Drilling to be contracted at about $5.00 per foot for 1,000 feet	$ 5,000
	(b). One Miner and helper at $300 and $200 per month for 5 months	2,500
	(c). Supplies:	
	Lumber	500
	Pipe and pump	1,000
	Road repair	1,000
		$10,000

24. It will require 3 weeks to build the cabin and put the pipe in place. The Boyle Drilling Co. will need 10 days notice to commence drilling operations.

$2,500 was spent upon the road to the mine in the last 2 years and it is still in a usable and fair condition. Work can begin within 10 days after the project is approved.

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 1988

Date received 8-20-51

Participation

Frank H. Eastmond
Box 637
Lehi, Utah

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application August 14, 1951

Estimated cost $10,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Utah County, Utah

Date of filing MF-100

DMA Docket Number, if available 1988

INSTRUCTIONS

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 20 1951

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

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

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

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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

*11. State the present and former names of the property, if any.

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

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

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

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

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

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

CERTIFICATION

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

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

August 14, 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.

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

Frank H. Eastmond, applicant
Box 637, Lehi, Utah.

1. The applicant, Frank H. Eastmond, an individual, Box 637, Lehi, Utah.

2 & 3. Inapplicable.

4. The applicant is the manager and owner of Saratoga Resort, Lehi, Utah; owner and operator of the Mono Mine; and a Director of the New Majestic Mining Co., a producing mine.

5 & 6. The applicant owns the Mono Mine. There are no liens or encumbrances against it.

7. Inapplicable.

8. My assets are as follows: Bank of Pleasant Grove, Pleasant Grove, Utah, $5,800 in my checking account; Farmers & Merchants Bank, Provo, Utah with $700 in my checking account; a 60 acre ranch valued at $200 per acre; and $5,000 in crops this year; three first mortgages in Lehi, Utah for $15,000. Saratoga Resort is clear and worth $100,000.

9. $5,000 loan is desired which is sufficient.

THE PROPERTY

10. The Mono Mine, for which application for loan is made, is located in Sections 9, 10, and 15, Township 11 South, Range 1 West, Salt Lake Base & Meridian, situate in the Mono Mining District. It is six miles north-west of the town of Mono, Utah

11. This property has always been referred to as the Mono Mine.

12. Mono, Utah, the nearest town is located on an all weather U. S. Highway 91 and is 5½ miles from the Union Pacific Railroad.

13. Water for drilling is located 500 yards from the mine.

14. There are no usable facilities on the properties.

15. Ore has been and will be shipped to Geneva Steel plant by truck and rail over a distance of about 80 miles.

16. The mine consists of two patented claims, The Lucky Boy, and Queen of the West, both patents granted in 1909; also five unpatented lode mining claims, the Saratoga #1, Saratoga #2, Saratoga #3, Saratoga #4, and Lucky Boy Extension.

17. In 1950, 400 tons of ore were shipped to Geneva from the Lucky Boy averaging 9% Manganese and 40% Iron. This was open cut mining. A half mile North of this, 300 tons were shipped from the Queen of the West. This ore averaged 10% Manganese and 32% iron.

18. There are 30,000 tons of surface ore blocked out.

19. None.

Frank E. Eastwood, applicant
Box 637, Echo, Utah

20. Manganese or any other minerals.

21. (a). Core drilling the property; 12 holes from 50 to 200 feet.

(b). An engineers mapping of this property.

(c). Construction of a small building to house watchman and equipment.

(d). Building an ore bin and dump.

(e). Developing the spring and running a 1,800 foot 1½" pipe line for drilling water.

(f). Improving the road.

(g). This work should take 6 months.

22. The surface ore is in place and if it goes 200 feet deep it will be an economic factor in this locality.

23. THE REQUIREMENTS AND COSTS

23. (a). Drilling to be contracted at about $5.00 per foot for 1,000 feet — $ 5,000

(b). One Miner and helper at $500 and $200 per month for 5 months — 2,500

(c). Supplies:

Lumber	500
Pipe and pump	1,000
Road repair	1,000
	$10,000

24. It will require 3 weeks to build the cabin and put the pipe in place. The Boyle Drilling Co. will need 10 days notice to commence drilling operations.

$2,500 was spent upon the road to the mine in the last 2 years and it is still in a usable and fair condition. Work can begin within 10 days after the project is approved.

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 1988

Date received 8-20-51

Participation

Frank H. Eastmond
Box 637
Lehi, Utah

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application August 14, 1951

Estimated cost $10,000.00

Mineral or metal Manganese

Percentage of Government participation 75%

Location of mine Utah County, Utah

Date of filing MF-100

DMA Docket Number, if available 1988

INSTRUCTIONS

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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 20 1951

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
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*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
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15. State in detail how the ore could be shipped and how and where milled.

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(Name of company)	By (Signature of authorized official)
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14. There are no usable facilities on the properties.

15. Ore has been and will be shipped to Geneva Steel plant by truck and rail over a distance of about 30 miles.

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Frank H. Eastmond, applicant
Box 637, Lehi, Utah

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(b). An engineers mapping of this property.

(c). Construction of a small building to house watchman and equipment.

(d). Building an ore bin and dump.

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	(c). Supplies:	
	Lumber	500
	Pipe and pump	1,000
	Road repair	1,000
		$10,000

24. It will require 3 weeks to build the cabin and put the pipe in place. The Boyle Drilling Co. will need 10 days notice to commence drilling operations.

$2,500 was spent upon the road to the mine in the last 2 years and it is still in a usable and fair condition. Work can begin within 10 to 10 days after the project is approved.