360
FILE COPY
SURNAME:

Pesonen

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

October 26, 1951

A.E.C.

Memorandum

To: Reports and Records Branch

From: Acting Chief, Iron Ores Branch, Supply Division

Subject: DMA-1578X - Duluth & Utah Iron Mining Company - Application for exploration loan.

The subject application, together with all correspondence relating thereto, is attached to be entered in your records as "withdrawn". No reply has been received to our letter of August 27, 1951, giving this applicant 60 days within which to furnish additional information, and since the 60-day period has expired, this action is warranted.

Paul E. Pesonen

not assigned in R. & R.

Attachment

md

Copy to: Adm. reading file
Mr. Lyon
Mr. Pesonen
Reports & Records

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

October 26, 1951

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To: Reports and Records Branch

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Paul E. Pesonen

Paul E. Pesonen

Attachment

360

FILE COPY
SURNAME:

Pesonen

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

AUG 27 1951

Duluth & Utah Iron Mining Company
1032 McKnight Building
Minneapolis 1, Minnesota

Subject: DMA-1578X - Application for exploration loan - $30,000.

Dear Sirs:

On June 12, 1951, the Chief of the Iron Ores Branch wrote you regarding the subject application, requesting detailed information on costs and requirements, maps and reports.

No further action can be taken upon your application until the data and documents requested are received in this office. In the event no reply is received from you regarding this matter within 60 days, we will assume that you are not now interested in such a loan, and we will record your application as withdrawn.

This action will not, however, preclude you from submitting at a later date an application for a loan or an application for any other type of assistance that may be available under the provisions of the Defense Production Act.

Sincerely yours,

Tom Lyon BJ 8/27

Tom Lyon, Director
Supply Division

PEPesonen:md 8/22/51

Copy to: Acting Administrator
DMA Field Team, Region IV
Mr. Lyon
Mr. Pesonen
Reports & Records
Docket

FILE COPY
SURNAME:

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

June 18, 1951

Mr. Eugene P. McCahill
President
Duluth & Utah Iron Mining Company
1032 McKnight Building
Minneapolis 9, Minnesota

Subject: DMA-1578X
Re: Exploration Loan

My dear Mr. McCahill:

Receipt is acknowledged of your application and attachments of May 31, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1578X and was referred to Mr. Franklin Pardee, Chief, Iron Branch on June 8, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1578X.

Sincerely yours,

LANDON F. STROBEL jp

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
Files
Pardee
Lyon

FILE COPY
SURNAME:

Hamilton
Pardee

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

June 12, 1951

Duluth & Utah Iron Mining Company
1032 McKnight Building
Minneapolis 1, Minnesota

Subject: DMA-1578X - Application for exploration loan - $30,000.

Dear Sirs:

Your application has been referred to the Iron Ores Branch for necessary action.

The present Defense Production Act expires on June 30, 1951, and it will be impossible to process your application in the short time that remains. However, we are expecting that the present law will be renewed or a somewhat similar one passed which will extend the time on this and similar applications.

Acting on the above assumption, we would like to have you give us detailed answers regarding requirements and costs listed in question No. 23 of your application for aid for an exploration project. We would also like a map and data showing property location, where you intend to explore, and how. In this connection, please inform us as to whether your ownership in fee of the placer claim permits mining below bed rock. It is our understanding that in the western States, in order to be fully protected in your mining rights, you should have a lode claim rather than a placer claim. We would also like to have a copy of Mr. Roberts' report.

Very truly yours,

Franklin G. Pardee, Chief
Iron Ores Branch

JCHamilton:md

Copy to: Adm. reading file
Mr. Strobel
Mr. Lyon
Mr. Pardee
Mr. Hamilton
Files

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 1578X

Date received 6-4-51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. SINGBEL
Executive Secretary

Name and address of applicant

SMITH & UTAH IRON MINING COMPANY
1032 Midnight Building,
Minneapolis 1, Minn.

Date May 31, 1951

FILL IN THIS BLOCK

Date of application May 31, 1951

Estimated cost 930,000.00

Mineral or metal Iron Ore

Percentage of Government participation 50%

Location of mine IRON SPRINGS MINING DISTRICT
Cedar City, Iron County, Utah

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?
*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.

[illegible] & [illegible] MINING COMPANY
(Name of company)

By Eugene F. McCabe
(Signature of authorized official)

May 31, 1951
(Date)

Eugene F. McCabe III
President.
(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

APPLICATION FOR AID FOR AN EXPLORATION
PROJECT PURSUANT TO MINERAL ORDER NO. 5
under Defense Production Act of 1950

The Applicant

1- Duluth & Utah Iron Mining Company, a Minnesota Corporation.

2- Eugene P. McCahill, President
Francis T. McCahill, Vice-President & Treasurer,
C. M. Nelson, Secretary

3- Directors:
Eugene P. McCahill
Francis T. McCahill
James R. McCahill
John A. Savage

4- Eugene P. McCahill and Francis T. McCahill are the fee owners of the Shenango Mine at Chisholm, Minnesota, which is reputed to be the deepest open iron ore pit in the world, and from which approximately 16,000,000 tons of ore have been removed therefrom. The also hold other iron ore lands in the Mesabi and Vermillion Range. They have been interested in iron ore and gold mining projects for over a period of thirty years. They are also interested in the Investment business under the name of McCahill & Company, Inc. and are owners and control several corporations engaged in the business of liquified petroleum gas; severing the States of Minnesota, Wisconsin and North Dakota.

Mr Hugh Roberts of Duluth, Minnesota has been employed by the McCahill interests as their consulting engineer for some years, succeeding Wm. H. Crago, who was employed by the McCahill interests for a period of approximately seventeen years. Both Mr. Crago and Mr. Roberts earned excellent reputation for their ability and engineering experience, and are well known to mining men, not only in the United States but also in Foreign countries.

Mr. John A. Savage has been engaged in iron ore mining for over a period of thirty-six years and is well known to the mining industries in Minnesota.

5- The Company owns the property in fee.

6- There are no encumbrances, claims or liens against the property.

7- There is no outstanding lease on the property

8- No financial statement is submitted as this mining property has not been explored or mined, but taxes have been paid thereon for a period of approximately fifty years. No mining operations have been conducted and thus no profit or loss statement is submitted.

APPLICATION FOR AID FOR AN EXPLORATION
PROJECT PURSUANT TO MINERAL ORDER NO. 5
UNDER DEFENSE PRODUCTION ACT OF 1950

The Applicant

9- The Applicant is prepared and able to invest Fifteen Thousand Dollars ($15,000.00) for exploration work in the form of drilling and magnetometer tests.

10- McCahill Placer No. 4
SW¼- Sec. 34-36-14 W
McCahill Placer No. 6
S½ NW¼ and S½ NE¼

11- Same as No. 10

12- Property is located approximately five miles from Cedar City, Utah, and ~~NNN~~ railway service is supplied to mining property nearby at Iron Mountain. A highway also is within reasonable distance to the property.

13- Unknown.

14- There are no facilities, equipment or structures on the property.

15- Ore could be shipped to Provo, Utah by rail. (Geneva Plant- U. S. Steel Company)

16- This property is owned by the company, and is in the immediate vicinity of mining property now being operated by Colorado Fuel & Iron, and Columbia Steel Company, who have for several years past conducted mining operations and have shipped commercial ore in commercial paying quantities.

17- Production- None

18- Ore or mineral reserves to be determined by exploration.

EXPLORATION

20 Exploration work will be conducted for iron ore deposits.

21- Additional information will be filed in detail, describing exploration work to be undertaken, supported by maps and engineers data.

THE REQUIREMENTS AND COSTS

23: Requiremtns and costs of exploration work as well as engineer's estimate will be furnished in amended application.

8/27/51

Duluth & Utah Iron Mining Company
1032 McKnight Building
Minneapolis 1, Minnesota

Subject: DMA-15781 - Application for exploration loan - $30,000.

Dear Sirs:

On June 12, 1951, the Chief of the Iron Ores Branch wrote you regarding the subject application, requesting detailed information on costs and requirements, maps and reports.

No further action can be taken upon your application until the data and documents requested are received in this office. In the event no reply is received from you regarding this matter within 60 days, we will assume that you are not now interested in such a loan, and we will record your application as withdrawn.

This action will not, however, preclude you from submitting at a later date an application for a loan or an application for any other type of assistance that may be available under the provisions of the Defense Production Act.

Sincerely yours,

Tom Lyon, Director
Supply Division

PEPesonen:md 8/22/51

Copy to: Acting Administrator
DMA Field Team, Region IV
Mr. Lyon
Mr. Pesonen
Reports & Records
Docket

June 12, 1951

Duluth & Utah Iron Mining Company
1032 McKnight Building
Minneapolis 1, Minnesota

Subject: DMA-1578X - Application for exploration loan - $30,000.

Dear Sirs:

Your application has been referred to the Iron Ores Branch for necessary action.

The present Defense Production Act expires on June 30, 1951, and it will be impossible to process your application in the short time that remains. However, we are expecting that the present law will be renewed or a somewhat similar one passed which will extend the time on this and similar applications.

Acting on the above assumption, we would like to have you give us detailed answers regarding requirements and costs listed in question No. 23 of your application for aid for an exploration project. We would also like a map and data showing property location, where you intend to explore, and how. In this connection, please inform us as to whether your ownership in fee of the placer claim permits mining below bed rock. It is our understanding that in the western States, in order to be fully protected in your mining rights, you should have a lode claim rather than a placer claim. We would also like to have a copy of Mr. Roberts' report.

Very truly yours,

Franklin C. Pardee, Chief
Iron Ores Branch

JCHamilton:md

Copy to: Adm. reading file
Mr. Strobel
Mr. Lyon
Mr. Pardee
Mr. Hamilton
Files

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1578 X

Commodity Iron Ore

Total Amount $30,000

Cert. Participation 50%

1. Name and Address of Applicant Duluth & Utah Iron Mining Co.
103 McKnight Bldg Minneapolis, Minn.

2. Location of Property Iron Springs Mining District
Cedar City, Iron County, Utah

3. Mineral or metal Iron Ore 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 yes

e) Is there an alternative and favorable project? No
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Applicant owns property in fee
(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) IF-201?

b) IF-202

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

a) Available manpower

b) Equipment and supplies
(question 14 plus general knowledge of availability)

c) Accessibility (question 12) Five miles from Cedar City, Utah

d) Water (question 13) Railway service to nearby "property" workmen

e) Power (question 13) "

Is a field check needed on any of these points? yes

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? yes

10. Exhibit A. (questions 21 and 22)

a) Is the project adequately described? Additional information is to be filed

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

b) Is there an adequate map or sketch of the proposed work? ✓

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? _____

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

e) Are the cost estimates reasonable? _____

f) Should more information be requested from applicant? _____

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

11. Exhibit B (question 23-d)

a) Is it applicable? _____

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

c) Is a field check needed? _____

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

a) Is it applicable? _____

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

c) Are rents and charges reasonable? _____

d) Is a field check needed? _____

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

a) Are there sufficient data? _____

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

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

d) Are the proposed wages and salaries reasonable? _____

e) Is a field check needed? _____

14. Exhibit E (question 23-e)

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 questions? _____

_____

_____

_____

_____

_____

_____

Reviewed by: _____

_____

_____

Date _____

1578X

June 12, 1951

Duluth & Utah Iron Mining Company
1032 McKnight Building
Minneapolis 1, Minnesota

Subject: DMA-1578X - Application for exploration loan - $30,000.

Dear Sirs:

Your application has been referred to the Iron Ores Branch for necessary action.

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Very truly yours,

Franklin G. Pardee, Chief
Iron Ores Branch

JCHamilton:md

Copy to: Adm. reading file
Mr. Strobel
Mr. Lyon
Mr. Pardee
Mr. Hamilton
Files

Defense Minerals Administration
Reference Slip

Date 6-8-51

To: 1. Mr Pardee

2.

3.

4.

DMA 1578X

For Action ✓
Reply
Information
Remarks:

Sender Strobel (LL)

3
Mr. Strobel DMA
Forwarded to

Branch

Date

Sender

2
Mr. Strobel DMA
Forwarded to

Branch

Date

Sender

1
Mr. Strobel DMA
Forwarded to

Branch

Date

Sender

92758

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 15788

Date received 6-4-51

Participa

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. STROBEL
Executive Secretary

DULUTH & UTAH IRON MINING COMPANY
1032 McKnight Building,
Minneapolis 1, Minn.

Name and address of applicant

Date May 31, 1951

FILL IN THIS BLOCK

Date of application May 31, 1951

Estimated cost 930,000.00

Mineral or metal Iron Ore

Percentage of Government participation 50%

Location of mine IRON SPRINGS MINING DISTRICT
Cedar City, Iron County, Utah

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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16—64067-1

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State amount of power to be used, rate per hour or other cost, and source.

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

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

*16. History:
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    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

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

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.

DELAMAR & UTAH IRON MINING COMPANY
(Name of company)

By Eugene P. McCahill
(Signature of authorized official)

May 31, 1951
(Date)

Eugene P. McCahill President.
(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

APPLICATION FOR AID FOR AN EXPLORATION
PROJECT PURSUANT TO MINERAL ORDER NO. 5
under Defense Production Act of 1950

The Applicant

1- Duluth & Utah Iron Mining Company, a Minnesota Corporation.

2- Eugene P. McCahill, President
Francis T. McCahill, Vice-President & Treasurer,
C. M. Nelson, Secretary

3- Directors:
Eugene P. McCahill
Francis T. McCahill
James R. McCahill
John A. Savage

4- Eugene P. McCahill and Francis T. McCahill are the fee owners of the Shenango Mine at Chisholm, Minnesota, which is reputed to be the deepest open iron ore pit in the world, and from which approximately 16,000,000 tons of ore have been removed therefrom. The also hold other iron ore lands in the Mesabi and Vermillion Range. They have been interested in iron ore and gold mining projects for over a period of thirty years. They are also interested in the Investment business under the name of McCahill & Company, Inc. and are owners and control several corporations engaged in the business of liquified petroleum gas; severing the States of Minnesota, Wisconsin and North Dakota.

Mr Hugh Roberts of Duluth, Minnesota has been employed by the McCahill interests as their consulting engineer for some years, succeeding Wm. H. Crago, who was employed by the McCahill interests for a period of approximately seventeen years. Both Mr. Crago and Mr. Roberts earned excellent reputation for their ability and engineering experience, and are well known to mining men, not only in the United States but also in Foreign countries.

Mr. John A. Savage has been engaged in iron ore mining for over a period of thirty-six years and is well known to the mining industries in Minnesota.

5- The Company owns the property in fee.

6- There are no encumbrances, claims or liens against the property.

7- There is no outstanding lease on the property

8- No financial statement is submitted as this mining property has not been explored or mined, but taxes have been paid thereon for a period of approximately fifty years. No mining operations have been conducted and thus no profit or loss statement is submitted.

APPLICATION FOR AID FOR AN EXPLORATION
PROJECT PURSUANT TO MINERAL ORDER NO. 5
UNDER DEFENSE PRODUCTION ACT OF 1950

The Applicant

9- The Applicant is prepared and able to invest Fifteen Thousand Dollars ($15,000.00) for exploration work in the form of drilling and magnetometer tests.

10- McCahill Placer No. 4
SW¼- Sec. 34-36-14 W
McCahill Placer No. 6
S½ NW¼ and S½ NE¼

11- Same as No. 10

12- Property is located approximately five miles from Cedar City, Utah, and railway service is supplied to mining property nearby at Iron Mountain. A highway also is within reasonable distance to the property.

13- Unknown.

14- There are no facilities, equipment or structures on the property.

15- Ore could be shipped to Provo, Utah by rail. (Geneva Plant- U. S. Steel Company)

16- This property is owned by the company, and is in the immediate vicinity of mining property now being operated by Colorado Fuel & Iron, and Columbia Steel Company, who have for several years past conducted mining operations and have shipped commercial ore in commercial paying quantities.

17- Production- None

18- Ore or mineral reserves to be determined by exploration.

EXPLORATION

20 Exploration work will be conducted for iron ore deposits.

21- Additional information will be filed in detail, describing exploration work to be undertaken, supported by maps and engineers data.

THE REQUIREMENTS AND COSTS

23: Requiremtns and costs of exploration work as well as engineer's estimate will be furnished in amended application.

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1578 X

Date received 6-4-51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. SIRGOEL
Executive Secretary

DULUTH & UTAH IRON MINING COMPANY
1032 McKnight Building,
Minneapolis 1, Minn.

Name and address of applicant

Date May 31, 1951

FILL IN THIS BLOCK

Date of application May 31, 1951

Estimated cost $30,000.00

Mineral or metal Iron Ore

Percentage of Government participation 50%

Location of mine IRON SPRINGS MINING DISTRICT
Cedar City, Iron County, Utah

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?
*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.
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    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
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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.

DULUTH & UTAH IRON MINING COMPANY
(Name of company)

By Eugene F. McCahill
(Signature of authorized official)

May 31, 1951
(Date)

Eugene F. McCahill President.
(Title)

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

APPLICATION FOR AID FOR AN EXPLORATION
PROJECT PURSUANT TO MINERAL ORDER NO. 5
under Defense Production Act of 1950

The Applicant

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5- The Company owns the property in fee.

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APPLICATION FOR AID FOR AN EXPLORATION
PROJECT PURSUANT TO MINERAL ORDER NO. 5
UNDER DEFENSE PRODUCTION ACT OF 1950

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Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1578X

Date received 6-4-51

Participation

DULUTH & UTAH IRON MINING COMPANY
1032 McKnight Building,
Minneapolis 1, Minn.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. SIMMONS
Executive Secretary

Name and address of applicant

Date May 31, 1951

FILL IN THIS BLOCK

Date of application May 31, 1951

Estimated cost $30,000.00

Mineral or metal Iron Ore

Percentage of Government participation 50%

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Date of filing MF-100

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Eugene F. McCahill
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(Title)

May 31, 1951
(Date)

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