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

January 22, 1952

MEMORANDUM

To: Mails and Files Branch

From: Ernest Wm. Ellis, Acting Chief
Rare and Miscellaneous Metals Division

Subject: Docket DMA-1431X (Antimony)
Edw. A. Michal, Box 157 Round Mountain, Nev.

The applicant was advised on November 21, 1951, that this file would be closed within 60 days unless additional information was submitted to permit consideration of the application. Inasmuch as no response has been made, please close the file.

The attached correspondence should be placed in the docket file.

Ernest Wm. Ellis

Ernest Wm. Ellis

Attachments

FILE COPY 700
SURNAME:

Ellis

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

January 22, 1952

BH

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The attached correspondence should be placed in the docket file.

EWE 1-22-52

Ernest Wm. Ellis

Attachments

EWEllis/jem
cc to: Adm. Reading File
Docket
Mr. Ellis

FILE COPY
SURNAME:

Gordon
Mittendorf

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

NOV 27 1951

Mr. Edward A. Michal
P.O. Box 157
Round Mountain, Nevada

Re: Davenport Antimony
DMA docket 1431X

Dear Mr. Michal:

Under date of June 22, 1951, the Director of the Supply Division, DMA, wrote you regarding your application, DMA-1431X, for an exploration project.

Inasmuch as no reply has been received, we assume that it is your intention to withdraw the application. Accordingly, unless you advise us to the contrary within thirty (30) days, we shall regard your docket as closed.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator
Defense Minerals Exploration
Administration

ERGorden:lm
11/21/51

cc: Adm. Reading File
✓ Reports and Records
Mr. Rennick
Mr. McKnight
Field Team Reg. III (2)
Docket

FILE COPY
SURNAME:

Bourret

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

AIR MAIL

June 22, 1951

Mr. Edward A. Michal
P. O. Box 157
Round Mountain, Nevada

RE: Davenport Antimony
DMA docket - 1431x

Dear Mr. Michal:

Your application of May 21, 1951 for an exploration project in the amount of $20,000 has been received by the Minor and Rare Metals Branch of the Supply Division.

A review of your application shows that your request is essentially for development and operating assistance rather than exploration; consequently, we cannot act upon your application under the provisions of Mineral Order 5, under which government participation is provided for.

I am enclosing herewith 5 copies of form MF-100 with the suggestion that you apply for appropriate government assistance in the form of either (1) a loan, (2) a purchase contract or (3) government guarantee of a private loan. Kindly complete this application in quadruplicate, using additional sheets where required in order to answer all questions in full detail.

Yours very truly,

Tom Lyon

Tom Lyon, Director
Supply Division

Enclosure

WBourret/mh
cc: Adm. Read. File
Strobel
Lyon
Field Team III
McKnight
Bourret
Files

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1431 X

Commodity Antimony

Total Amount $20,000

Govt. Participation 75%

1. Name and Address of Applicant Edw. A. Michel, Box 157, Round Mountain Nev.; J. A. Henebergh, Box 152, Round Mtn. Nev.

2. Location of Property 4 mi. NE of Round Mtn, Nev, in T 10 N, R 45 E

3. Mineral or metal Antimony 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 Don't know; no info on files.

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

Prob. not an exploration proposal - see Miller's transmittal letter of May 25. Geol. Survey had no info in files, and description of deposit submitted is meager. E.T. McKnight.

5. Is the applicant's right to the property clearly stated? (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

 (pp 2, 3 and 4 not submitted)

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1431X

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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 1431X

Date received 5-31-51

Participation

Edw. A. Michal.
Box 157, Round Mountain Nev.

John A. Henebergh.
Box 152, Round Mountain Nev.

Joint Owners

Name and address of applicant

Date May 21 1951

FILL IN THIS BLOCK

Date of application May 21 1951

Estimated cost $20,000.00

Mineral or metal Antimony

Percentage of Government participation 75%

Location of mine Davenport Canyon,

Jefferson Mining District, Round Mountain Nev.

Date of filing MF-100

DMA Docket Number, if available 1431X

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.

(Name of company)

By Edw. A. Michal
(Signature of authorized official)

(Date)

John A. Henebergh
(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

FILE COPY
SURNAME:

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

June 19, 1951

Mr. Edward A. Michal
Box 157
Round Mountain, Nevada

Subject: DMA-1431X
Re: Exploration Loan - Antimony and Antimony Extension

My dear Mr. Michal:

Receipt is acknowledged of your application and attachments of May 21, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1431X and referred to Mr. Weston G. Bourret, Chief, Antimony Branch on June 4, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1431X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

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

LANDON F. SHROBE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III

OFFICE OF
REGIONAL DIRECTOR

1415 APPRAISERS BLDG.,
630 SANSOME STREET,
SAN FRANCISCO 11, CALIF.

May 25, 1951

Memorandum

To: Defense Minerals Administration, Washington, D. C.

From: Regional Director, Region III

Subject: Exploratory Loan Application - Edward A. Michal and John A. Henebergh, Box 157 and Box 152, Round Mountain, Nevada.
Antimony -- $20,000.00

Subject applicants have sent the attached MF-103 forms in quadruplicate to this office.

A review of the application indicates that the applicants want $7,000 of the $20,000 requested to construct a twenty-ton per day capacity mill. As they state they have 1100 tons of $50 ore in sight, it is apparent that the balance of the $20,000 is requested to operate the mill, mine, or construct a blacksmith shop and purchase some equipment. It is my thought that they should not be given an exploration loan but probably should be considered for a development loan. As the latter does not involve Government participation, the applicants probably will not be interested in a development loan.

H. C. Miller
Regional Director, Region III

Copy to Ward Smith

DMA 12/51

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. Dm A 1431X

Date received 5-21-51

Participation

Edw. A. Michal.
Box 157, Round Mountain Nev.

John A. Henebergh.
Box 152, Round Mountain Nev.

Joint Owners

Name and address of applicant

Date May 21 1951

FILL IN THIS BLOCK

Date of application May 21 1951

Estimated cost $20,000.00

Mineral or metal Antimony

Percentage of Government participation 75%

Location of mine Davenport Canyon,

Jefferson Mining District, Round Mountain Nev.

Date of filing MF-100

DMA Docket Number, if available 1431X

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.

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16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
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    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.

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*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.
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	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
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    (*a*) Describe the ore or mineral deposits briefly.
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THE EXPLORATION

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

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THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
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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.

Defense Minerals Administration
RECEIVED
MAY 3 1 1951
MATERIALS SUPPORT
Executive Secretary

(Name of company)

By Edw R. Michal
(Signature of authorized official)

(Date)

John A. Henebergh
(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 1431X

Date received 5-31-51

Participation

Edw. A. Michal.
Box 157, Round Mountain Nev.

John A. Henebergh.
Box 152, Round Mountain Nev.

Joint Owners

Name and address of applicant

Date May 21 1951

FILL IN THIS BLOCK

Date of application May 21 1951

Estimated cost $20,000.00

Mineral or metal Antimony

Percentage of Government participation 75%

Location of mine Davenport Canyon,

Jefferson Mining District, Round Mountain Nev.

Date of filing MF-100

DMA Docket Number, if available 1431X

INSTRUCTIONS

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16—64067-1

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    (*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.

Geologic Mineral Information Section
RECEIVED
MAY 31 1951
LABOR & SUPPLY

(Name of company)

By Edwin A. Michael
(Signature of authorized official)

John A. Heuebergh
(Title)

(Date)

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

The Applicants

1. Partnership. Edw. A. Michal. P.O. Box 157 Round Mountain Nev
John A. Henebergh P.O. Box 152 Round Mountain Nev.

4. Edw. A. Michal. Miner, Millm Operator, Assayer, Graduate Creighton Univ.
John A. Henebergh, Miner, Supt. Nev Uranium Prod, Co.

5. Owners, no liens, or encumbrances.

8b No assets or liabilities.

9. $ 5,000.00

The property.

10. Located about 4 miles North Easterly of Round Mountain Nev. in T10 N. R 45 E. Consists of two claims, each 600 Feet By 1500 feet. on the vein. Located in Davenport Canyon, and connected by good dirt road from property to paved highway, at Round Mountain.

11. Antimony and Antimony. Extension.

13. Sufficient ground water can be developed with a shallow well in the canyon for a small operation.

14. None.

15. Milled on the property and concentrates shipped to Kellog Idaho.

18. The Paleozoic sediments have been intruded by a CRETACEOUS granite, and these country rocks and TERTARY Lake bed deposits have been intruded by rhyolite. The contact is between a rhyolite on the North and a dark blue micacius -slate on the South. The vein is of secondary origin, and the antimony occurs in bunches throughout the vein in the form of antimony sulphide or stibnite, and does not contain arsenic. There is an average 1100 tons of ore in sight of an average value of $50.00 per ton or $55,000.00

20. Antimony.

21. The construction of a mill of 20 tons daily capacity, costing approximately $7,000.00 , to be constructed in 30 days.

23. a Two miners. $10.00 per day. One mill man $10.00 per day.
b One at $300.00 per month
c None
d Blacksmith shop $3000.00 , Compressor, Jack Hammer, Steel , powder, truck etc. $3000.00
e Miscellaneous supplies. $1000.00
f None
g None
h Pumps, Pipe, Tools, Gasoline, Oils, Picks, Shovels, etc. $1,000.00
i Water development, $1,500.00

24 60 days.

Form MF-[illegible]3
(April 19[illegible]1)

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-1431X

Date received 5-31-51

Participation

Edw. A. Michal.
Box 157, Round Mountain Nev.

John A. Henebergh.
Box 152, Round Mountain Nev.

Joint Owners

Name and address of applicant

Date May 21 1951

FILL IN THIS BLOCK

Date of application May 21 1951

Estimated cost 20,000.00

Mineral or metal Antimony

Percentage of Government participation 75%

Location of mine Davenport Canyon,

Jefferson Mining District, Round Mountain Nev.

Date of filing MF-100

DMA Docket Number, if available 1431X

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.

Defense Minerals Administration
RECEIVED
MAY 31 1951
LANDON F. STROBEL
Acting Secretary

By Edward Michael
(Name of company) (Signature of authorized official)

(Date) John A. Heuebergh
(Title)

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