DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. ~~1946~~

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 37033

To: Ind. Minerals Date 8-13-51

To: Reports and Records Date OCT 8 1951

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DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:

SAFeitler
LGHouk

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

600

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region VII
Room 13, Post Office Building
Knoxville 01, Tennessee

Subject: Exploration Applications denied without field referral, Region VII

Dear Mr. Laurence:

We enclose one copy of each application pertaining to your region for cases denied without field referral. These are for your information and files.

If, in your opinion any of these properties merit further consideration, a new application will be necessary.

Copies of the following applications are included:

Docket number DMA -

1583X	2119
1675X	2151
1903	2196
1912	2197
1946	2204
1995	2224
2070	2285

Sincerely yours,

Signed 4-14-52

Lawrence G. Houk, Chief
Non-Metallic Minerals Division
Defense Minerals Exploration Administration

Enclosures: - 14
SAFeitler:mp 4/10/52
cc: Docket File
Adm. Reading File
Mr. Morton, G-232, GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

FILE COPY
SURNAME:

Washey
Barr

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

370

October 8, 1951

Memorandum

To: Reports and Records Unit, DMA

From: Chief, Industrial Minerals Branch, DMA

A.E.C.

Subject: DMA-1946 - Ray N. Moses, Route 1
Franklin, North Carolina
Commodity: Mica
Amount: 90% of $1,750

Denial recommended because:

1. A sound geological basis to justify the proposed exploration has not been demonstrated.

2. Wartime production records and USGS investigation of the deposit indicate that while scrap mica might be produced the possibility of finding significant amounts of strategic mica in the mine is poor.

Attached: Docket including three applications.

James A. Barr, Sr.

Approved:

SIGNED

Director, Supply Division

not stripped
R + R

RWASKEY:esf
10/3/51
cc: Field Team, Region VII (2)
DMA Docket File
Mr. Lyon
Mr. Barr

FILE COPY
SURNAME:

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

OCT 8 1951

370

Waskey
Barr

G.E.C.

Mr. Ray N. Moses
Route #1
Franklin, North Carolina

Subject: DMA-1946
Mica

Dear Mr. Moses:

Your application for aid for an exploration project on mica deposit located in Moses Mine No. 1 and docketed as DMA-1946 has been reviewed by this office.

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

A very careful study of your proposal revealed the following:

1. A sound geologic basis for expecting to encounter significant amounts of strategic mica in the deposit has not been demonstrated.

2. Wartime production records and data secured by U. S. Geological Survey investigation of the deposit indicate that while the mine might be a possible producer of scrap mica, it is very unlikely that significant amounts of strategic mica are present.

Under these circumstances, your application for exploration aid to the extent of 90% of $1,750 is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Unless we receive a request within 30 days we will consider the case closed.

Sincerely yours,

SIGNED

Tom Lyon, Director
Supply Division

7-10-8

RWASKEY:esf
10/2/51
cc: Field Team, RegionVII (2)
DMA Docket File
Mr. Lyon
Mr. Barr

OFFICE OF THE ADMINISTRATOR

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

370

October 8, 1951

A.E.C.

Memorandum

To: Reports and Records Unit, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1946 - Ray N. Moses, Route 1
Franklin, North Carolina
Commodity: Mica
Amount: 90% of $1,750

Denial recommended because:

1. A sound geological basis to justify the proposed exploration has not been demonstrated.

2. Wartime production records and USGS investigation of the deposit indicate that while scrap mica might be produced the possibility of finding significant amounts of strategic mica in the mine is poor.

Attached: Docket including three applications.

James A. Barr, Sr.

Approved:

Acting Director, Supply Division

IN REPLY REFER TO:

G-MD-WRG

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

September 26, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

From: W. R. Griffitts, U. S. Geological Survey

Subject: Application DMA-1946 from Ray N. Moses for mica exploration in Macon County, North Carolina.

This application, for $1,750, is for work at the old Mt. Hope Church mine, which is being re-named the Moses Mine No. 1.

The data in the files of the Geological Survey, and that presented by the applicant, suggest that this is a rather poor prospect. The information available is tabulated below.

1. Production; according to the applicant, the production after 1938 was $570, apparently at pre-war prices. According to the 1943 findings of J. C. Olson, of the Geological Survey, the total production was about $700. Either of these figures would indicate that no persistent shoot, rich enough to mine, was found.

2. The mine is about 100 feet from an all-weather road, U. S. Highway No. 64. This accessibility would stimulate interest in the prospect, but despite this, it was not worked during the World War II mica boom.

3. The mica apparently occurs in pockets rather than a continuous shoot, as implied in the applicant's statement in #16, MF-103.

4. The upper 18 feet or so of the 4 shafts examined by Olson were in non-pegmatitic material, apparently mica gneiss and granite gneiss.

5. The attitude of the pegmatite dike is unknown. The dip may be gentle.

6. The pegmatite is a relatively fine-grained aggregate of white quartz, weathered feldspar, and muscovite mica. This is not the type of pegmatite that normally yields sheet mica in the region.

7. The mica was said by Olson to be of poor quality, mainly scrap. Much had a reddish stain. The cleavage was poor, but the color probably would be ruby. Olson considered it to be a scrap-mica deposit.

It is thought that the chances of an important discovery at the prospect are exceedingly small. If it is thought necessary to refer this application to the field team, especial attention should be paid to the quality of the mica.

W. R. Griffitts

W. R. Griffitts

August 13, 1951

Mr. Ray N. Moses
Route #1
Franklin, North Carolina

Subject: Exploration Loan
Re: DMA-1946

My dear Mr. Moses:

This will acknowledge receipt of your application dated August 1, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA- 1946 and referred to the Industrial Minerals Branch

Kindly refer to DMA- 1946 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

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 1946

Date received 8-10-51

Participation

RAY N. MOSES
ROUTE 1
FRANKLIN, NORTH CAROLINA

Name and address of applicant

Date AUGUST 8, 1951

FILL IN THIS BLOCK

Date of application AUGUST 8, 1951

Estimated cost $ 1,750.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 5¼ miles West of FRANKLIN, NORTH CAROLINA

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 10 1951

Date of filing MF-100 AUGUST 8, 1951

Docket Number, if available 1946

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 Ray N. Moses (Signature of authorized official)
AUGUST 8, 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

FORM MF-103 RAY N. MOSES, ROUTE 1, FRANKLIN, NORTH CAROLINA

THE APPLICANT:

1. Individual.

4. Applicant will manage the project. His experience in mining includes 8 or 10 years of prospecting and digging for mica, and corundum. He is a High School Teacher and a farmer.

5. Owner.

6. No liens or encumbrances against property.

9. Ten percent; sufficient in accordance with Government participation on strategic mica (Section 9 of MO-5).

THE PROPERTY:

10. Description of the real property and legal description of the area are the same:
"Being the lands conveyed to applicant and recorded in Book No. J-5, on Page No. 28, of the Register of Deeds Office, Macon County, North Carolina." See attached drawing- Page 1-A

11. Former Name of Mine: MT. HOPE CHURCH MINE (On a map prepared by the N. C. State Dept. of Conservation and Development, this mine is listed as Mt. Hope Church Mine#258.

Present name: MOSES MINE NO. 1

12. Property is located 5¼ miles West of Franklin, N. C. (Railroad shipping point), on State Highway #64.

13. Sufficient water on property for all requirements. No power required.

14. Mine contains no facilities or equipment, etc.

15. Mica (sheet and punch) will be processed and sheeted on property and shipped from Franklin, N. C.

16. Rufus Slagle, a former owner of the place, started to dig a well and happened to hit a pocket of mica. This was the beginning of Shaft No. 1. It is said that he sold some mica as high as $1.00 per pound.

In 1938, I bought the place. Shortly afterward Lee Crawford and Jim Hyatt operated the mine for several months. They sold, at low prices, mica to the value of $570.00. The best pockets of mica were found near Shaft No. 1. At a depth of approximately 65 ft. the vein became very narrow and dipped sharply southward. Much of the digging North of tunnels 1, 2, and 3 was fruitless so far as good mica was concerned.

FORM MF-103 RAY N. MOSES, ROUTE 1, FRANKLIN, NORTH CAROLINA

THE PROPERTY:

16.(Continued).

The main strike of the vein seemed to be nearly east and west. It dips southward, as do at least part of the other deposits in this section.

(b) The highly productive Kiser Mine, whose results are recorded with the Bureau of Mines, is perhaps 3/4 mile northeast of Moses Mine No. 1. Considerable mica has been taken from the earth on Maxwell Farm, about 1 mile southward. Many other mines or propects are to be found nearby in this section.

17. Mine is not in production.

18. Not applicable.

THE EXPLORATION.

20. Exploration will be for Mica and associated minerals.

21. Plans, subject to revision on the advice of the Governments Field Team, call for:

(a) Continuing new tunnel for about 25 ft. in effort to strike 4 ft. vein a short distance east of end of tunnel, to reach Strategic Mica.

(b) Pump water from Shaft No. 3 and adjoining tunnels to see if the remaining mica is worth mining, and if the tunnels appear reasonably safe.

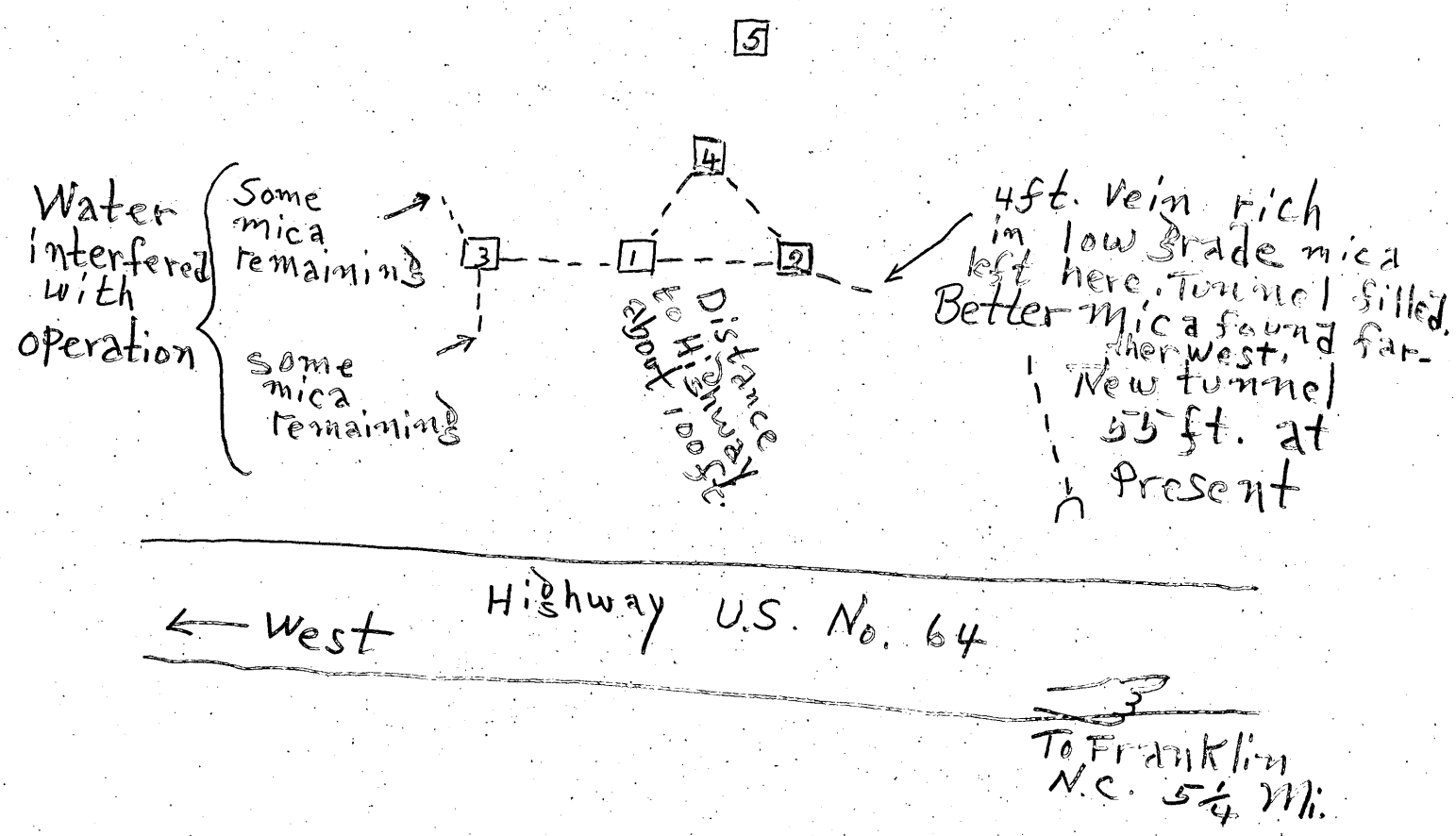
(c) Sink a shaft to approximately 75 ft. a short distance south of Shaft No. 1 to see if the vein widens out to form another pocket of Mica.

ESTIMATED REQUIREMENTS AND COSTS:

23.

	TOTAL
a. LABOR:	
1 Foreman Worker, 20 days @ $15.	$ 300.00
3 Laborers, 20 days @ $10.	600.00
b. SUPERINTENDENT - 20 days @ $16.	320.00
f. RENTAL:	
Air Compressor, J.Hammer & Accesories 1 month @ $250.	250.00
Pump	50.00
h. MATERIALS & SUPPLIES:	
Small Tools (Purchase)	80.00
Gasoline, powder, Oil, etc.	100.00
i. MISCELLANEOUS: Payroll taxes, etc.	50.00
TOTAL	$ 1,750.00

The following rough sketch will give some general ideas of this mine. Much of the information is based on statements of reliable men who last operated the mine as a productive business. The squares indicate shafts. Dotted lines indicate tunnels.



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 1946

Date received 8-10-51

Participation

RAY N. MOSES
ROUTE 1
FRANKLIN, NORTH CAROLINA

Name and address of applicant

Date AUGUST 8, 1951

FILL IN THIS BLOCK

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 10 1951

Date of application AUGUST 8, 1951

Estimated cost $1,750.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 5½ miles West of FRANKLIN, NORTH CAROLINA

Date of filing MF-100 AUGUST 8, 1951

DMA Docket Number, if available 1946

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

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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.

*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.
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    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

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THE EXPLORATION

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

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.
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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.

By Ray N. Moses
(Signature of authorized official)

(Name of company)

AUGUST 8, 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

FORM MF-103 RAY M. MOSES, ROUTE 1, FRANKLIN, NORTH CAROLINA

THE APPLICANT:

1. Individual.

4. Applicant will manage the project. His experience in mining includes 8 or 10 years of prospecting and digging for mica, and corundum. He is a High School Teacher and a farmer.

5. Owner.

6. No liens or encumbrances against property.

9. Ten percent; sufficient in accordance with Government participation on strategic mica (Section 9 of MO-5).

THE PROPERTY:

10. Description of the real property and legal description of the area are the same:
"Being the lands conveyed to applicant and recorded in Book No. J-5, on Page No. 28, of the Register of Deeds Office, Macon County, North Carolina." See attached drawing- Page 1-A

11. Former Name of Mine: MT. HOPE CHURCH MINE (On a map prepared by the N. C. State Dept. of Conservation and Development, this mine is listed as Mt. Hope Church Mine#258.

Present name: MOSES MINE NO. 1

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13. Sufficient water on property for all requirements. No power required.

14. Mine contains no facilities or equipment, etc.

15. Mica (sheet and punch) will be processed and sheeted on property and shipped from Franklin, N. C.

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FORM MF-103 RAY N. MOSES, ROUTE 1, FRANKLIN, NORTH CAROLINA

THE PROPERTY:

16. (Continued).

The main strike of the vein seemed to be nearly east and west. It dips southward, as do at least part of the other deposits in this section.

(b) The highly productive Kiser Mine, whose results are recorded with the Bureau of Mines, is perhaps 3/4 mile northeast of Moses Mine No. 1. Considerable mica has been taken from the earth on Maxwell Farm, about 1 mile southward. Many other mines or propects are to be found nearby in this section.

17. Mine is not in production.

18. Not applicable.

THE EXPLORATION.

20. Exploration will be for Mica and associated minerals.

21. Plans, subject to revision on the advice of the Governments Field Team, call for:

(a) Continuing new tunnel for about 25 ft. in effort to strike 4 ft. vein a short distance east of end of tunnel, to reach Strategic Mica.

(b) Pump water from Shaft No. 3 and adjoining tunnels to see if the remaining mica is worhh mining, and if the tunnels appear reasonably safe.

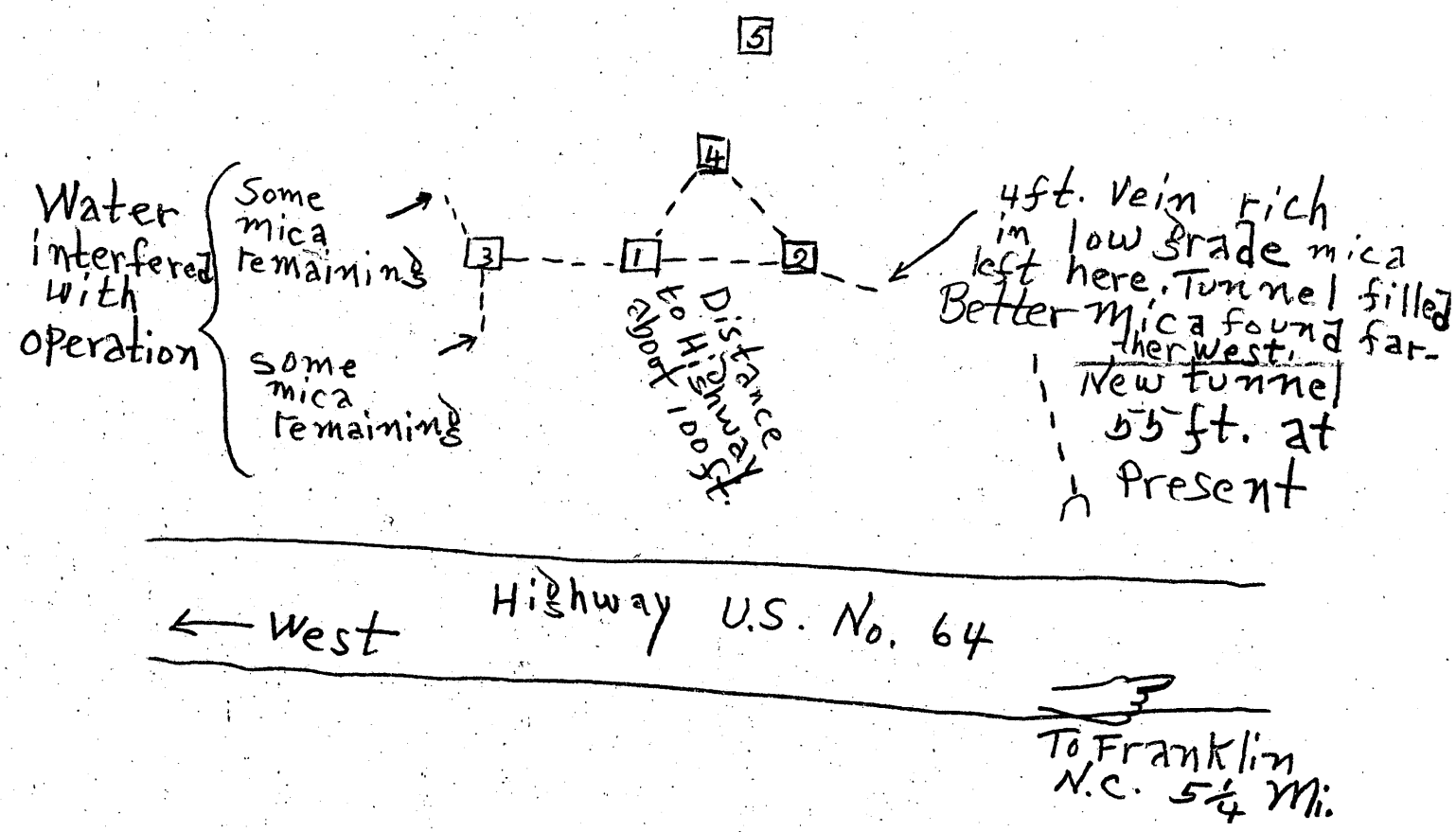
(c) Sink a shaft to approximately 75 ft. a short distance south of Shaft No. 1 to see if the vein widens out to form another pocket of Mica.

ESTIMATED REQUIREMENTS AND COSTS:

23.

	TOTAL
a. LABOR:	
1 Foreman Worker, 20 days @ $15.	$ 300.00
3 Laborers, 20 days @ $10.	600.00
b. SUPERINTENDENT - 20 days @ $16.	320.00
f. RENTAL:	
Air Compressor, J.Hammer & Accesories 1 month @ $250.	250.00
Pump	50.00
h. MATERIALS & SUPPLIES:	
Small Tools (Purchase)	80.00
Gasoline, powder, Oil, etc.	100.00
i. MISCELLANEOUS: Payroll taxes. etc.	50.00
TOTAL	$ 1,750.00

The following rough sketch will give some general ideas of this mine. Much of the information is based on statements of reliable men who last operated the mine as a productive business. The squares indicate shafts. Dotted lines indicate tunnels.



Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA 1946

Date received 8-10-51

RAY N. MOSES
ROUTE 1
FRANKLIN, NORTH CAROLINA

Name and address of applicant

Date AUGUST 8, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Strategic Mica
   (*b*) What are the byproducts, if any? Feldspar
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 5¼ mi. W. of Franklin, N.C. (R.R.Sta.)
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Cartoogechaye
   (*d*) County, State. Macon County, N. C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production: Operation has not yet started.

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

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

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor: Operation has not yet started.

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

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

*Per MO-7 Amended, the above answers are all that are required.

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 Ray N. Moses
(Signature of authorized official)

AUGUST 8, 1951
(Date)

OWNER
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

Form MF-103
(April 1951)

U. 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 1946

Date received 8-10-51

Participation

RAY N. MOSES
ROUTE 1
FRANKLIN, NORTH CAROLINA

Name and address of applicant

Date AUGUST 8, 1951

FILL IN THIS BLOCK

Date of application AUGUST 8, 1951

Estimated cost $ 1,750.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 5½ miles West of FRANKLIN, NORTH CAROLINA

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 10 1951

Date of filing MF-100 AUGUST 8, 1951

DMA Docket Number, if available 1946

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 Ray N. Moses (Signature of authorized official)
AUGUST 8, 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

FORM MF-103 RAY N. MOSES, ROUTE 1, FRANKLIN, NORTH CAROLINA

THE APPLICANT:

1. Individual.

4. Applicant will manage the project. His experience in mining includes 8 or 10 years of prospecting and digging for mica, and corundum. He is a High School Teacher and a farmer.

5. Owner.

6. No liens or encumbrances against property.

9. Ten percent; sufficient in accordance with Government participation on strategic mica (Section 9 of MO-5).

THE PROPERTY:

10. Description of the real property and legal description of the area are the same:
"Being the lands conveyed to applicant and recorded in Book No. J-5, on Page No. 28, of the Register of Deeds Office, Macon County, North Carolina." See attached drawing- Page 1-A

11. Former Name of Mine: MT. HOPE CHURCH MINE (On a map prepared by the N. C. State Dept. of Conservation and Development, this mine is listed as Mt. Hope Church Mine#258.

Present name: MOSES MINE NO. 1

12. Property is located 5½ miles West of Franklin, N. C. (Railroad shipping point), on State Highway #64.

13. Sufficient water on property for all requirements. No power required.

14. Mine contains no facilities or equipment, etc.

15. Mica (sheet and punch) will be processed and sheeted on property and shipped from Franklin, N. C.

16. Rufus Slagle, a former owner of the place, started to dig a well and happened to hit a pocket of mica. This was the beginning of Shaft No. 1. It is said that he sold some mica as high as $1.00 per pound.

In 1938, I bought the place. Shortly afterward Lee Crawford and Jim Hyatt operated the mine for several months. They sold, at low prices, mica to the value of $570.00. The best pockets of mica were found near Shaft No. 1. At a depth of approximately 65 ft. the vein became very narrow and dipped sharply southward. Much of the digging North of tunnels 1, 2, and 3 was fruitless so far as good mica was concerned.

FORM MF-103 RAY N. MOSES, ROUTE 1, FRANKLIN, NORTH CAROLINA

THE PROPERTY:

16.(Continued).

The main strike of the vein seemed to be nearly east and west. It dips southward, as do at least part of the other deposits in this section.

(b) The highly productive Kiser Mine, whose results are recorded with the Bureau of Mines, is perhaps 3/4 mile northeast of Moses Mine No. 1. Considerable mica has been taken from the earth on Maxwell Farm, about 1 mile southward. Many other mines or propects are to be found nearby in this section.

17. Mine is not in production.

18. Not applicable.

THE EXPLORATION.

20. Exploration will be for Mica and associated minerals.

21. Plans, subject to revision on the advice of the Governments Field Team, call for:

(a) Continuing new tunnel for about 25 ft. in effort to strike 4 ft. vein a short distance east of end of tunnel, to reach Strategic Mica.

(b) Pump water from Shaft No. 3 and adjoining tunnels to see if the remaining mica is worhh mining, and if the tunnels appear reasonably safe.

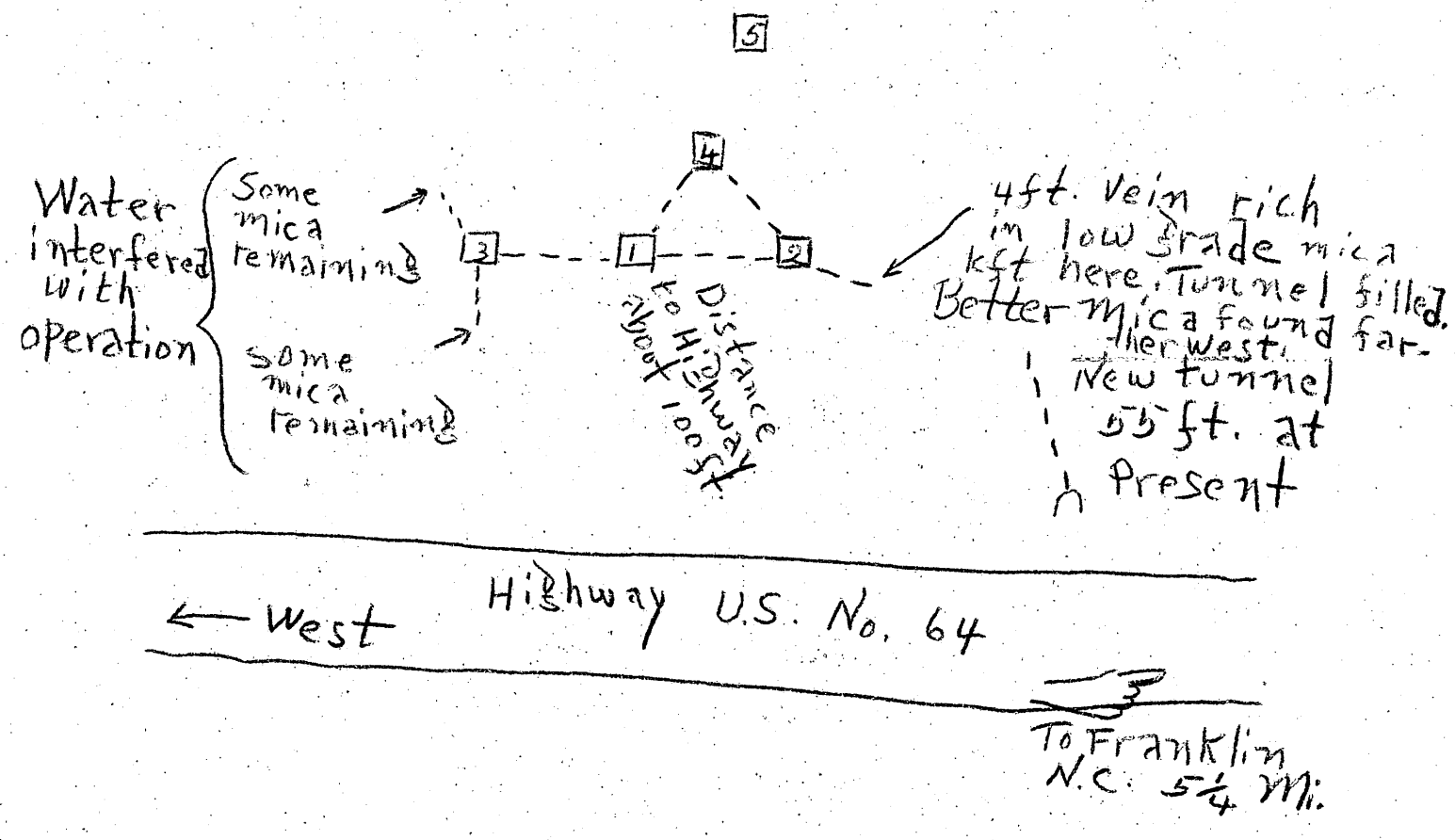
(c) Sink a shaft to approximately 75 ft. a short distance south of Shaft No. 1 to see if the vein widens out to form another pocket of Mica.

ESTIMATED REQUIREMENTS AND COSTS:

23.

	TOTAL
a. LABOR:	
1 Foreman Worker, 20 days @ $15.	$ 300.00
3 Laborers, 20 days @ $10.	600.00
b. SUPERINTENDENT - 20 days @ $16.	320.00
f. RENTAL:	
Air Compressor, J.Hammer & Accesories 1 month @ $250.	250.00
Pump	50.00
h. MATERIALS & SUPPLIES:	
Small Tools (Purchase)	80.00
Gasoline, powder, Oil, etc.	100.00
i. MISCELLANEOUS: Payroll taxes, etc.	50.00
TOTAL	$1,750.00

The following rough sketch will give some general ideas of this mine. Much of the information is based on statements of reliable men who last operated the mine as a productive business. The squares indicate shafts. Dotted lines indicate tunnels.



Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA 1946

Date received 8-10-51

RAY N. MOSES
ROUTE 1
FRANKLIN, NORTH CAROLINA

Name and address of applicant

Date AUGUST 8, 1951

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GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Strategic Mica
   (*b*) What are the byproducts, if any? Feldspar
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 5¼ mi. W. of Franklin, N.C. (R.R. Sta.)
   (*b*) Mining district. Franklin
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   (*d*) County, State. Macon County, N. C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
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   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production: Operation has not yet started.

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

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13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

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

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State amount of power used, rate per hour, and source thereof.

16. Labor: Operation has not yet started.

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

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Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

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*Per MO-7 Amended, the above answers are all that are required.

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 Ray N. Moses
(Signature of authorized official)

AUGUST 8, 1951
(Date)

OWNER
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

NATIONAL MINERS' ASSOCIATION

HIGHLANDS RD. AT MAIN ST.

FRANKLIN, NORTH CAROLINA

A CONFEDERATION OF AMERICAN MINERAL MINERS

ANDREW W. REID
CHAIRMAN
BOARD OF DIRECTORS

ROY H. FOUTS
SECRETARY

HARRY PATTON
TREASURER

FRANK SIERSMA
CHAIRMAN LOCAL
MINING COMMITTEE

JUDGE C. M. TRAMMELL
CONSULTANT
717 BARR BUILDING
WASHINGTON 6, D. C.

August 8, 1951

DMA 1946

Defense Minerals Administration
Washington 25, D. C.

Attention: Mr. Landon F. Strobel
Executive Secretary

Gentlemen:

We are enclosing herewith application for Exploratory Loan for

RAY N. MOSES
Route 1
Franklin, North Carolina

Cordially yours,

Frank T. Siersma

FRANK T. SIERSMA
Chairman, Local
Mining Committee

FTS:re
Enc/4

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 10 1951