DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1692X

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

_____

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

To: Mr Swon Date 7-31

To: Reports & Records Date 8-8-51

To: _____ Date _____

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To: _____ Date _____

DO NOT DETACH

CONTROLLED DOCUMENT

July 31, 1951

Code 370

Memorandum

To: Reports and Records Unit, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1692X, Carlos A. Rogers
Commodity: Mica
Amount of loan: $14,180

Denial recommended because:

1. Presence of strategic grade mica in the deposit not substantiated

2. Mica seen by Field Team on examination of property was not of strategic quality.

Attached:

1. Field Report from Region VII
2. Form MF-100 in duplicate
3. Form MF-103 in duplicate with attachments
4. Review of application for exploration assistance, with attachments.

James A. Barr, Sr.

Approved:

Director, Supply Division

RWASKEY:mp
cc: Mr. Lyon
Mr. Barr
DMA Files
Field Team, Region VII (2)

July 31, 1951
Code 370

Mr. Carlos A. Rogers
Route 3
Franklin, North Carolina

Dear Mr. Rogers:

Subject: DMA-1692X - Mica

Your application for aid for an Exploration Project on mica deposit at the Rogers Mine, Macon County, North Carolina, docketed DMA-1692X, 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 mineral supply position for National Defense.

A very careful study of your proposal, including examination by DMA Field Team, revealed the following:

1. Occurrence of strategic grade mica in the deposit has not been demonstrated.

2. Mica specimens from the deposit seen by Field Team were not of strategic grade.

Under these circumstances your application for Exploration Aid to the extent of 90% of $14,180 is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Sincerely yours,

Tom Lyon, Director
Supply Division

RWASKEY:mp
cc: Reports and Records
Mr. Lyon
Mr. Barr
DMA Files
Field Team, Region VII (2)

FILE COPY
SURNAME:

Barr

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

July 31, 1951
Code 370

A. E. C.

Mr. Carles A. Rogers
Route 3
Franklin, North Carolina

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Sincerely yours,

Tom Lyon BJ 8/9

Tom Lyon, Director
Supply Division

HWASKEY:mp
cc: Reports and Records
Mr. Lyon
Mr. Barr
DMA Files

Field Team, Region VII (2)

July 31, 1951
Code 370

Mr. Carles A. Rogers
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Franklin, North Carolina

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Sincerely yours,

Tom Lyon

Tom Lyon, Director
Supply Division

RWASKEY:mp
cc: Reports and Records
Mr. Lyon
Mr. Barr
DMA Files

Field Team, Region VII (2)

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

a. E. C.

July 31, 1951

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From: Chief, Industrial Minerals Branch, DMA

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James A. Barr

James A. Barr, Sr.

Approved:

Tom Lyon

Director, Supply Division

FILE COPY
SURNAME:

Barr

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

July 31, 1951

Code 370

Memorandum

To: Reports and Records Unit, DMA

From: Chief, Industrial Minerals Branch, DMA

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B7 8/9

James A. Barr, Sr.

Approved:

Tom Lyon

Director, Supply Division

RWASKEY:mp
cc: Mr. Lyon
Mr. Barr
DMA Files
Field Team, Region VII (2)

FILE COPY
SURNAME:

Barr
McKnight
Rose
Moon

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

JUL 5 1951

Carlos A. Rogers
Route 3
Franklin
North Carolina

not stripped in R.v.R.

Subject: [illegible]-1[illegible]
Strategic [illegible]

Dear Mr. Rogers:

Your [illegible] Mr. Albert Lawrence, [illegible], [illegible] Building, Knoxville, Tennessee, Executive Officer of the Mobilization, [illegible], for further information.

Sincerely yours,

Tom Lyon

Tom Lyon, Director
Supply Division

Mimeo July 3, 1951

cc: Mr. Strobel
Mr. Barr
Field Team Region VII (2)
DMA Files

a.e.c

JUL 5 1951

Carlos A. Rogers
Route 3
Franklin
North Carolina

Subject: [illegible]-1[illegible]
Strategic Mica

Dear Mr. Rogers:

Your application is being submitted to Mr. Albert [illegible], Room 23, [illegible] Building, [illegible], Tennessee, Executive Director of the Field Team, Region VII, for further information.

Sincerely yours,

Tom Lyon, Director
Supply Division

Attachment July 3, 1951

cc: Mr. Strobel
Mr. Barr
Field Team Region VII (2)
DSA Files

FILE COPY
SURNAME:

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

June 21, 1951

Mr. Carlos A. Rogers
Route 3
Franklin, North Carolina

Subject: DMA-1692X
Re: Exploration Loan -
Rogers Mine

My dear Mr. Rogers:

Receipt is acknowledged of your application and attachments of June 11, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1692X and referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on June 13, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1692X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

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

DMA-1692X

857

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

G/E C

DEFENSE MINERALS ADMINISTRATION
REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 20 1951
LANDON F. STROBEL
Executive Secretary

DMA-1692X, Rogers Mine
Carlos A. Rogers, Macon County
Franklin, North Carolina

By

Kefton H. Teague, Geologist
U. S. Geological Survey

A. L. Patton, Mining Engineer
U. S. Bureau of Mines

July 11, 1951

Report on Rogers Mine
Carlos A. Rogers, Macon County
North Carolina

July 11, 1951

DMA-1692X

Two localities have been prospected on the Carlos A. Rogers property, located on Iotla Creek at Olive Hill, five miles northwest of Franklin, Macon County, N. C. (Franklin Quadrangle 167-N.W.).

The deposit on the north side of the creek has been exposed by one crosscut 40-feet in length, with about 15-feet of drifting on the pegmatite from the head of the crosscut. The pegmatite, about five feet in thickness, trends about N 60° W. and is well zoned. Mica occurs against the quartz, between it and fine-grained pegmatite.

Mica from this deposit is mostly "A", badly cracked, and spotted with biolite. Only punch size and a little 1-1/2 x 2-inch pattern could be obtained from the deposit and this would not be of strategic grade.

On the south side of the creek numerous small pegmatites occur, one of which has been recently explored by a small open cut. The pegmatite is about 18-inches thick and mica books up to 6-inches across has been obtained. The mica is of ruby color, somewhat bent and cracked, and hard; however, it splits very poorly.

The Field Team cannot recommend either of the two deposits for an exploration loan because in one deposit the mica is spotted and in the other it splits poorly.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 20 1951

DEFENSE MINERALS ADMINISTRATION
REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 20 1951
LARSON F. STIEGEL
Executive Secretary

DMA-1692X, Rogers Mine
Carlos A. Rogers, Macon County
Franklin, North Carolina

By

Kefton H. Teague, Geologist
U. S. Geological Survey

A. L. Peyton, Mining Engineer
U. S. Bureau of Mines

July 11, 1951

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Carlos A. Rogers, Macon County
North Carolina

July 11, 1951

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Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma-1692X

Date received 6/13/51

CARLOS A. ROGERS
ROUTE 3
FRANKLIN, NORTH CAROLINA

Name and address of applicant

Date JUNE 11, 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) ~~XXXXXXXXXX~~ ~~tificate pursuant to the provisions of Sec. 124 A (Amorti~~ ~~zation Deduction), of Internal Revenue Code, 1950~~ (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

X
5

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. 5 miles Northwest of Franklin, N.C.
   (*b*) Mining district. Franklin, N. C.
   (*c*) Township, Section, Range. Iotla
   (*d*) County, State. Macon County, North Carolina
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ 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 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.

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-1692 X

Date received 6/12/51

Participation

CARLOS A. ROGERS
ROUTE 3
FRANKLIN, NORTH CAROLINA

Name and address of applicant

Date JUNE 11, 1951

FILL IN THIS BLOCK

Date of application JUNE 11, 1951

Estimated cost $ 14,180.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 5 miles Northwest of FRANKLIN, N. C.

Date of filing MF-100 JUNE 11, 1951

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.

(Name of company)	By CARLOS A. ROGERS (Signature of authorized official)
JUNE 11, 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 CARLOS A. ROGERS FRANKLIN, N. C.

THE APPLICANT:

1. Individual.

4. Applicant has been mining in this district for over 10 years. He is familiar with all processes in mica mining.

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:

> This being part of the lands, 120 acres more or less, acquired from Sam Sweatman by Carlos Rogers and Vera Rogers on October 7, 1948, as recorded in Book No. V-5, Page 201, of the Register of Deeds Office of Macon County,

11. Name of mine: Rogers Mine

12. Property is located 2 miles West of Franklin, N. C. (Railroad shipping point), on State Highway # 28; thence 2 miles West on Burningtown County Road; thence South West 1 mile to the property on a County Road.

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

14. Mine contains no facilities, equipment, etc.

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

16. (a) Previous work consisted of running a tunnel for 40 feet, entirely with hand tools. Operation ceased because equipment was required to continue.

    (b) Property is located directly within the mica belt of Western North Carolina. Neighboring properties, such as the Beasley Mines, Poll Miller Mines, Mill Knob, etc., have been high producers and their results are recorded with the Bureau of Mines.

    (c) See attached examination report of A. W. REID.

THE PROPERTY (Continued)

17. Mine is not in production.

18. Mine is not in production.

THE EXPLORATION:

20. Exploration will be for mica and associated minerals.

21. It is proposed to bulldoze off the mine face and area, to clean out the tunnel and prepare for shooting an additional 60 feet to reach the vein.

22. See attached examination report of A. W. Reid.

FORM MF-103 CARLOS A. ROGERS ROUTE 3, FRANKLIN, N. C.

ESTIMATED REQUIREMENTS AND COSTS:

23.	EACH DAILY	40 DAYS
(a) LABOR:		
1 Drill operator	$15.00	600.00
2 Miners	12.00	960.00
2 Muckers	10.00	800.00
(b) SUPERVISORS:		
1 Superintendent	25.00	1,000.00
1 Bookeeper	8.00	320.00
(d) TOOL HOUSE AND BLACKSMITH SHOP		1,500.00
(e) EQUIPMENT:		
1 Air Compressor (125 cfm)		3,170.00
2 JAckhammer Drills		690.00
1 Jeep Pickup Truck		1,600.00
Steel & Small Tools		1,000.00
(g) BULLDOZER WORK TO REMOVE OVERBURDEN, ETC.		1,600.00
(h) MATERIALS AND SUPPLIES:		
Powder, Fuse, Exploders, etc. ($15.00 per day)		600.00
Gasoline & Oil for equipment ($8.50 per day)		340.00
TOTAL REQUIREMENTS		$14,180.00

FORM MF-103

APPLICATION OF:

STATEMENT OF:

A. W. REID - PRACTICAL GEOLOGIST AND MINING ENGINEER

Applicant's property is situated WITHIN the main Mica Lead of Western North Carolina, which has always been highly productive of strategic ruby mica. Throughout the entire district outcroppings appear which point to the location of numerous mines.

I have examined this particular property and it presents sufficient evidence to warrant exploration in accordance with the contents of this application. I would recommend that development proceed as outlined.

A. W. Reid

A. W. REID

LOCAL

MINING COMMITTEE

(*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 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 answers to the above 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 CARLOS A. ROGERS
(Signature of authorized official)

JUNE 11, 1951
(Date)

OWNER
(Title)

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

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

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-1692X

Date received 6/13/51

CARLOS A. ROGERS
ROUTE 3
FRANKLIN, NORTH CAROLINA

Name and address of applicant

Date JUNE 11, 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) ~~Certificate pursuant to the provisions of Sec. 124 A (Amortization Deduction) of Internal Revenue Code, 1950~~ (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) X 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 name 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. 5 miles Northwest of Franklin, N.C.
   (*b*) Mining district. Franklin, N. C.
   (*c*) Township, Section, Range. Iotla
   (*d*) County, State. Macon County, North Carolina
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ 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 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.

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. .....

Date received .....

Participation .....

[illegible] A. [illegible]
ROUTE 3
FRANKLIN, NORTH CAROLINA

Name and address of applicant

Date JUNE 11, 1951

FILL IN THIS BLOCK

Date of application JUNE 11, 1951

Estimated cost $ 14,180.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 20%

Location of mine 5 miles Northwest of FRANKLIN, N. C.

Date of filing MF-100 JUNE 11, 1951

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.

(Name of company)	By CARLOS A. ROGERS (Signature of authorized official)
FEB 11, 1963 (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 CARLOS A. ROGERS FRANKLIN, N. C.

THE APPLICANT:

1. Individual.

4. Applicant has been mining in this district for over 10 years. He is familiar with all processes in mica mining.

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:

> This being part of the lands, 120 acres more or less, acquired from Sam Sweatman by Carles Rogers and Vera Rogers on October 7, 1948, as recorded in Book No. V-5, Page 201, of the Register of Deeds Office of Macon County,

11. Name of mine: Rogers Mine

12. Property is located 2 miles West of Franklin, N. C. (Railroad shipping point), on State Highway # 28; thence 2 miles West on Burningtown County Road; thence South West 1 mile to the property on a County Road.

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

14. Mine contains no facilities, equipment, etc.

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

16. (a) Previous work consisted of running a tunnel for 40 feet, entirely with hand tools. Operation ceased because equipment was required to continue.

(b) Property is located directly within the mica belt of Western North Carolina. Neighboring properties, such as the Beasley Mines, Poll Miller Mines, Mill Knob, etc., have been high producers and their results are recorded with the Bureau of Mines.

(c) See attached examination report of A. W. REID.

THE PROPERTY (Continued)

17. Mine is not in production.

18. Mine is not in production.

THE EXPLORATION:

20. Exploration will be for mica and associated minerals.

21. It is proposed to bulldoze off the mine face and area, to clean out the tunnel and prepare for shooting an additional 60 feet to reach the vein.

22. See attached examination report of A. W. Reid.

FORM MF-103 CARLOS A. ROGERS ROUTE 3, FRANKLIN, N. C.

ESTIMATED REQUIREMENTS AND COSTS:

23.	EACH DAILY	40 DAYS
(a) LABOR:		
1 Drill operator	$15.00	600.00
2 Miners	12.00	960.00
2 Muckers	10.00	800.00
(b) SUPERVISORS:		
1 Superintendent	25.00	1,000.00
1 Bookkeeper	8.00	320.00
(d) TOOL HOUSE AND BLACKSMITH SHOP		1,500.00
(e) EQUIPMENT:		
1 Air Compressor (125 cfm)		3,170.00
2 Jackhammer Drills		690.00
1 Jeep Pickup Truck		1,600.00
Steel & Small Tools		1,000.00
(g) BULLDOZER WORK TO REMOVE OVERBURDEN, ETC.		1,600.00
(h) MATERIALS AND SUPPLIES:		
Powder, Fuse, Exploders, etc. ($15.00 per day)		600.00
Gasoline & Oil for equipment ($8.50 per day)		340.00
TOTAL REQUIREMENTS:		$14,180.00

FORM MF-103

APPLICATION OF:

STATEMENT OF:

A. W. REID - PRACTICAL GEOLOGIST AND MINING ENGINEER

Applicant's property is situated WITHIN the main Mica Lead of Western North Carolina, which has always been highly productive of strategic ruby mica. Throughout the entire district outcroppings appear which point to the location of numerous mines.

I have examined this particular property and it presents sufficient evidence to warrant exploration in accordance with the contents of this application. I would recommend that development proceed as outlined.

A. W. Reid

A. W, REID

Local

Mining Committee

(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 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 answers to the above 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 CARLOS A. ROGERS
(Signature of authorized official)

JUNE 11, 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

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA-1692X

Commodity Mica-Strategic

Total Amount $14,180.00

Govt. Participation 90%

1. Name and Address of Applicant Carlos A. Rogers
Route 1, Franklin, N.C.

2. Location of Property 5 miles NW of Franklin,
Macon Co., N. Caro

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

If not, application will be rejected.

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

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

a) Good
b) Poor
c) None
d) Don't know—needs field examination
e) Is there an alternative and favorable project? (If so, attach an explanation)

No file information; applicant gives no information. I imagine this property has little merit, but can only send to field.

Don't know—

J. A. Reddick 6/21/51

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? No- owner

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No –

a) MF-201? ——

b) MF-202 ——

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

a) Available manpower Yes – too many men listed for project of this size

b) Equipment and supplies Yes – too much listed for needs
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes – use gasoline or diesel engines

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~~ – No
experience along mining & laboring lines but little evidence of operating knowledge

Is a field check needed on this point? Yes

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No – only in general terms

If not, are there sufficient data given so that you can describe the project? Bulldoze overburden and continue to tunnel. If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? – Possibly the continuation of the adit might be –

Is this part a worthwhile exploration project? ?

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? None given

f) Should more information be requested from applicant? Yes - by field team

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes - too heavy expenditure for needs of project

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

c) Is a field check needed? Yes

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

a) Is it applicable? Yes -

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

c) Are rents and charges reasonable? Yes - but most of equipment not needed

d) Is a field check needed? Yes to ascertain actual needs

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

a) Are there sufficient data? No -

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

c) Is the schedule excessive for the work proposed? Yes - too many men

d) Are the proposed wages and salaries reasonable? Yes - except superintend, Bookkeeper not needed

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No- no facilities or structures on property

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? No time period mentioned but work limited

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? The value of an exploration project here should be checked. The 60 ft. of work should not cost over $2000 + an extension program appears to be unwarranted. Check equipment + labor required for a proper program.

Reviewed by: J. A. Redden 6/21/51 USGS

Thomas McBrinty - BLM

Date 6/27/51

97692

6/26/51

Docket No. D.M.A. 1692X

Section 10. Exhibit A.-

The project is described in such general terms that little idea can be obtained as to what is contemplated or why. The main feature - "to clean out tunnel + prepare for shooting an additional 60 feet to reach the vein." On the basis of the $14,180.00 asked for this would be about $235.00 per foot - manifestly ridiculous

No indication is given as to the conditions leading to selection of the location of this adit or what kind of a vein is expected to be found.

Section 11. Exhibit B.

~~This~~ Under this heading is a blacksmith shop + tool house, to cost $1500.00. This is not needed for exploration + especially not at this cost.

Section 12. Exhibit C.

The list of equipment asked for would be sufficient for a mining operation of appreciable size + is not justified for this project. The item of a "jeep pickup truck" is entirely out of line. The rental of a bulldozer at $1600.00 (no time of operation mentioned) is not too much if an appreciable amount of dozing is planned by no mention is made of the amount of dirt to be moved or why it is desireable.

Section 13. Exhibit D.

This entire subject shows little thought, the using of 5 men to drive 60 feet of drift shows little knowledge of what such work implies. Also the hiring of a bookkeeper is not justified

(2)

DMA 1692X

6/26/51

Section 14 - Exhibit "E"

No facilities or structures on property so no repair work or rehabilitation needed.

Section 16 - Recommendations

The information given in this application is so scanty & so far from justifying the equipment, labor, &c requested that the thought arises as to what purpose is to be served by consideration of it. So little work is described & at so great a cost that it cannot be considered without serious modification. On the basis of the information furnished a maximum of "2000" should be ample for the needs of the applicant.

As the field team will be in this general area they ~~may~~ should check this property to see if it has any value for exploration purposes & what, if any, program should be planned for it. It will take a rather detailed investigation unless it is manifestly unworthy of consideration.

DMB

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION
REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMA-1692X, Rogers Mine
Carlos A. Rogers, Macon County
Franklin, North Carolina

DEPARTMENT OF
Defense Minerals
JUL 20 1951
LA...
Ex...

By

Kefton H. Teague, Geologist
U. S. Geological Survey

A. L. Petton, Mining Engineer
U. S. Bureau of Mines

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 20 1951
LANDON F. STROBEL
Executive Secretary

July 11, 1951

Report on Rogers Mine
Carlos A. Rogers, Macon County
North Carolina

July 11, 1951

DMA-1692X

Two localities have been prospected on the Carlos A. Rogers property, located on Iotla Creek at Olive Hill, five miles northwest of Franklin, Macon County, N. C. (Franklin Quadrangle 167-N.W.).

The deposit on the north side of the creek has been exposed by one crosscut 40-feet in length, with about 15-feet of drifting on the pegmatite from the head of the crosscut. The pegmatite, about five feet in thickness, trends about N 60° W. and is well zoned. Mica occurs against the quartz, between it and fine-grained pegmatite.

Mica from this deposit is mostly "A", badly cracked, and spotted with biolite. Only punch size and a little 1-1/2 x 2-inch pattern could be obtained from the deposit and this would not be of strategic grade.

On the south side of the creek numerous small pegmatites occur, one of which has been recently explored by a small open cut. The pegmatite is about 18-inches thick and mica books up to 6-inches across has been obtained. The mica is of ruby color, somewhat bent and cracked, and hard; however, it splits very poorly.

The Field Team cannot recommend either of the two deposits for an exploration loan because in one deposit the mica is spotted and in the other it splits poorly.

Carlos A. Rogers
Route #3
Franklin
North Carolina

Subject: [illegible]-1502A
Strategic Files

Dear Mr. Rogers:

Your application for [illegible] has been referred to Mr. Robert Lawrence, Room 13, Post Office Building, Knoxville, Tennessee, Executive Officer of the Field Team, Region VII, for further information.

Sincerely yours,

Tom [illegible], Director
Supply Division

RW:mas July 3, 1951

cc: Mr. Strobel
Mr. Barr
Field Team Region VII (2)
DMA Files

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

Mr. Robert Laurence
Room 13
Post Office Building
Knoxville, Tennessee

Dear Bob:

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

Applicant Carlos A. Rogers, Route #3, Franklin, N.C.

Docket No. DMA-1692X

Commodity Strategic Mica

Amount $ 14,180

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

Very truly yours,

Tom Lyon, Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

RW:mas

cc: Mr. Moon
Mr. Barr

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA-1692X

Commodity Mica-Strategic

Total Amount $14,180 ~

Govt. Participation 90%

1. Name and Address of Applicant Carlos A. Rogers
Route 1, Franklin, N.C.

2. Location of Property 5 miles NW of Franklin,
Macon Co., N. Caro

3. Mineral or metal Strategic Mica 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 No file information; applicant
b) Poor gives no information. I imagine this
c) None property stinks but can only send to field.
d) Don't know—needs field examination Don't know—
e) Is there an alternative and favorable project? J.A. Reddick 6/21/51
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? No- owner

Does the lease have sufficient time to run to cover a future

productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No -

a) MF-201? ——

b) MF-202 ——

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

a) Available manpower Yes - too many men listed for project of this size

b) Equipment and supplies Yes - too much listed for needs
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes - use gasoline or diesel engines

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~~ No

experience along mining & laboring lines but little evidence of operating knowledge

Is a field check needed on this point? Yes

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No - only in general terms

If not, are there sufficient data given so that you can describe the project? Bulldoze overburden and continue to tunnel. If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? - Possible the continuation of the adit might be -

Is this part a worthwhile exploration project? ?

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? None given

f) Should more information be requested from applicant? Yes - by field team

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes - too heavy expenditure for needs of project

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

c) Is a field check needed? Yes

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

a) Is it applicable? Yes -

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

c) Are rents and charges reasonable? Yes - but most of equipment not needed

d) Is a field check needed? Yes to ascertain actual needs

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

a) Are there sufficient data? No -

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

c) Is the schedule excessive for the work proposed? Yes - too many men

d) Are the proposed wages and salaries reasonable? Yes - except superintend, Bookkeeper not needed

e) Is a field check needed? Yes -

14. Exhibit E (question 23-c)*

a) Is it applicable? No- no facilities or structures on property

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? No time period mentioned but work limited

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? The value of an exploration project here should be checked. The 60 ft. of work should not cost over $2000 + an extension program appears to be unwarranted. Check equipment + labor required for a proper program.

Reviewed by: J.A. Redden 6/27/51 USGS
Ronald McCarty - BofM

Date 6/27/51

97692

6/26/51

Docket No. D.M.H. 1692 X

Section 10. Exhibit A.-

The project is described in such general terms that little idea can be obtained as to what is contemplated or why. The main feature - "to clean out tunnel + prepare for shooting an additional 60 feet to reach the vein." On the basis of the $14,180.00 asked for this would be about $235.00 per foot - manifestly ridiculous

No indication is given as to the conditions leading to selection of the location of this adit or what kind of a vein is expected to be found.

Section 11. Exhibit B

~~This~~ Under this heading is a blacksmith shop + tool house, to cost $1500.00. This is not needed for exploration + especially not at this cost

Section 12. Exhibit C

The list of equipment asked for would be sufficient for a mining operation of appreciable size + is not justified for this project. The item of a "jeep pickup truck" is entirely out of line. The rental of a bulldozer at $1600.00 (no time of operation mentioned) is not too much if an appreciable amount of dozing is planned by no mention is made of the amount of dirt to be moved or why it is desirable.

Section 13. Exhibit D.

This entire subject shows little thought, the using of men to drive 60 feet of drift shows little knowledge of what such work implies. Also the hiring of a bookkeeper is not justified

(25)

DMA 1692X

6/26/51

Section 14 Exhibit "E"

No facilities or structures on property so no repair work or rehabilitation needed.

Section 16- Recommendations

The information given in this application is so scanty & so far from justifying the equipment, labor, &c requested that the thought arises as to what purpose is to be served by consideration of it. So little work is described & at so great a cost that it cannot be considered without serious modification. On the basis of the information furnished a maximum of $2000 should be ample for the needs of the applicant.

As the field team will be in this general area they ~~need~~ should check this property to see if it has any value for exploration purposes & what, if any, program should be planned for it. I will take a rather detailed investigation unless it is manifestly unworthy of consideration

DMP

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA-1692X

Commodity Mica-Strategic

Total Amount $14,180 ±

Govt. Participation 90%

1. Name and Address of Applicant Carlos A. Rogers
Route 1, Franklin, N.C.

2. Location of Property 5 miles NW of Franklin,
Macon Co., N. Caro.

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

If not, application will be rejected.

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

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

a) Good
b) Poor
c) None
d) Don't know—needs field examination
e) Is there an alternative and favorable project? (If so, attach an explanation)

✓ No file information; applicant gives no information to engr. this property has little merit, but can only be determined by a field [illegible] Don't know — J. W. Rodman 6/21/51

5. Is the applicant's right to the property clearly stated? Yes (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? No - owner

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No —

a) MF-201? —

b) MF-202 —

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

a) Available manpower Yes - too many men listed for project of this size

b) Equipment and supplies Yes - to much listed for needs
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes - use gasoline or diesel engines

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)* No
experience along mining & laboring lines but little evidence of operating knowledge

Is a field check needed on this point? Yes

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No - only in general terms

If not, are there sufficient data given so that you can describe the project? Bulldoze overburden and continue to tunnel. If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? Possibly the continuation of the adit might be.

Is this part a worthwhile exploration project? ?

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? None given

f) Should more information be requested from applicant? Yes - by field team

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes - too heavy expenditure for needs of project

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

c) Is a field check needed? Yes

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

a) Is it applicable? Yes -

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

c) Are rents and charges reasonable? Yes - but most of equipment not needed

d) Is a field check needed? Yes to ascertain actual needs

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

a) Are there sufficient data? No

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

c) Is the schedule excessive for the work proposed? Yes - too many men

d) Are the proposed wages and salaries reasonable? Yes - except superintendent Book Keeper not needed

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No - no facilities or structures on property

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? No time period mentioned but work limited

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? The value of an exploration project here should be checked. The bulk of work should not cost over $2000 & an extension program appears to be unwarranted. Check equipment & labo required for a proper program.

Reviewed by: J A Redden 6/21/51 USGS
Roscoe M Crosby - BLM

Date 6/27/51

97692

6/26/51

Docket No. DMA 1692K

Section 10. Exhibit A -

The project is described in such general terms that little idea can be obtained as to what is contemplated or why. The main feature - "to clean out tunnel - prepare for shooting an additional 60 feet to reach the vein" On the basis of the "price" asked for this would be about "235" per foot - monthly, exclusive

No indication is given as to the conditions leading to selection of the location of this adit or what kind of a vein is expected to be found.

Section 11 Exhibit B

~~The~~ Under this heading is a blacksmith hoist hoist boxes, to cost "1500". This is not needed for exploration, especially not at this cost.

Section 12 Exhibit C

The list of equipment asked for would be sufficient for a mining operation of appreciable size. It is not justified for this project. The item of a "jeep pickup truck" is entirely out of line. The rental of a bulldozer at "160" (no time of operation mentioned) is not too much if an appreciable amount of dozing is planned by no mention is made of the amount of dirt to be moved or why it is desirable.

Section 13. Exhibit D

This entire subject shows little thought, the using of 5 men to drive 60 feet of drift shows little knowledge of what such work implies. Also the hiring of a bookkeeper is not justified

DMA 1692x

6/26/51

Section 14 Exhibit F

No facilities or structures on property so no repair work or rehabilitation needed.

Section 16. Recommendations

The information given in this application is so sketchy + so far from justifying the expenditure, that we requested that the thought arises as to what purpose is to be served by consideration of it. So little work as described at so great a cost that it cannot be considered without serious modification. On the basis of the information furnished a maximum of 200 should be ample for the needs of the applicant.

As the field trips will be in this general area they ~~must~~ should check this property to see if it has any value for exploration purposes + what, if any, program should be planned for it. It will take a rather detailed investigation unless it is manifestly unworthy of consideration

[illegible]

June 21, 1951

Mr. Carlos A. Rogers
Route 3
Franklin, North Carolina

Subject: DMA-1692X
Re: Exploration Loan -
Rogers Mine

My dear Mr. Rogers:

Receipt is acknowledged of your application and attachments of June 11, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1692X and referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on June 18, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1692X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

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

Dma-1692X

W. N. C. MINERS' ASSOCIATION

FRANKLIN, NORTH CAROLINA

AN ASSOCIATION OF MINERAL MINERS OF WESTERN NORTH CAROLINA

OFFICERS

PRESIDENT
CHARLES T. BRADLEY

VICE PRESIDENT
GOODLOW BOWMAN

SECRETARY
ROY H. FOUTS

TREASURER
HARRY PATTEN

DIRECTORS

FRED ARNOLD
GOODLOW BOWMAN
C. T. BRADLEY
ROY H. FOUTS
KERMA HOLLAND
NORMAN MASHBURN
HARRY PATTEN
A. W. REID, CH.

June 14, 1951

Defense Minerals Administration
Washington 25, D. C.

Attention: Mr. Landon F. Strobel
Executive Secretary

Gentlemen:

We are enclosing herewith an application for Exploratory Loan:

CARLOS A. ROGERS
Route 3
Franklin, North Carolina

Cordially yours,

F. T. Siersma

F. T. SIERSMA
Member - Local
Mining Committee

FTS:re
Enc./4

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-1692X

Date received 6/13/51

Participation

CARLOS A. ROGERS
ROUTE 3
FRANKLIN, NORTH CAROLINA

Name and address of applicant

Date JUNE 11, 1951

FILL IN THIS BLOCK

Date of application JUNE 11, 1951

Estimated cost $ 14,180.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 5 miles Northwest of FRANKLIN, N. C.

Date of filing MF-100 JUNE 11, 1951

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.

(Name of company)	By CARLOS A. ROGERS (Signature of authorized official)
JUNE 11, 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 CARLOS A. ROGERS FRANKLIN, N. C.

THE APPLICANT:

1. Individual.

4. Applicant has been mining in this district for over 10 years. He is familiar with all processes in mica mining.

5. Owner.

6. N_e 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:

> This being part of the lands, 120 acres more or less, acquired from Sam Sweatman by Carlos Rogers and Vera Rogers on October 7, 1948, as recorded in Book No. V-5, Page 201, of the Register of Deeds Office of Macon County,

11. Name of mine: Rogers Mine

12. Property is located 2 miles West of Franklin, N. C. (Railroad shipping point), on State Highway # 28; thence 2 miles West on Burningtown County Road; thence South West 1 mile to the property on a County Road.

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

14. Mine contains no facilities, equipment, etc.

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

16. (a) Previous work consisted of running a tunnel for 40 feet, entirely with hand tools. Operation ceased because equipment was required to continue.

(b) Property is located directly within the mica belt of Western North Carolina. Neighboring properties, such as the Beasley Mines, Poll Miller Mines, Mill Knob, etc., have been high producers and their results are recorded with the Bureau of Mines.

(c) See attached examination report of A. W. REID.

THE PROPERTY (Continued)

17. Mine is not in production.

18. Mine is not in production.

THE EXPLORATION:

20. Exploration will be for mica and associated minerals.

21. It is proposed to bulldoze off the mine face and area, to clean out the tunnel and prepare for shooting an additional 60 feet to reach the vein.

22. See attached examination report of A. W. Reid.

FORM MF-103 CARLOS A. ROGERS ROUTE 3, FRANKLIN, N. C.

ESTIMATED REQUIREMENTS AND COSTS:

23.	EACH DAILY	40 DAYS
(a) LABOR:		
1 Drill operator	$15.00	600.00
2 Miners	12.00	960.00
2 Muckers	10.00	800.00
(b) SUPERVISORS:		
1 Superintendent	25.00	1,000.00
1 Bookeeper	8.00	320.00
(d) TOOL HOUSE AND BLACKSMITH SHOP		1,500.00
(e) EQUIPMENT:		
1 Air Compressor (125 cfm)		3,170.00
2 Jackhammer Drills		690.00
1 Jeep Pickup Truck		1,600.00
Steel & Small Tools		1,000.00
(g) BULLDOZER WORK TO REMOVE OVERBURDEN, ETC.		1,600.00
(h) MATERIALS AND SUPPLIES:		
Powder, Fuse, Exploders, etc. ($15.00 per day)		600.00
Gasoline & Oil for equipment ($8.50 per day)		340.00
TOTAL REQUIREMENTS:		$14,180.00

FORM MF-103

APPLICATION OF:

STATEMENT OF:

A. W. REID - PRACTICAL GEOLOGIST AND MINING ENGINEER

Applicant's property is situated WITHIN the main Mica Lead of Western North Carolina, which has always been highly productive of strategic ruby mica. Throughout the entire district outcroppings appear which point to the location of numerous mines.

I have examined this particular property and it presents sufficient evidence to warrant exploration in accordance with the contents of this application. I would recommend that development proceed as outlined.

A. W. Reid

A. W. REID

Local

Mining Committee

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-1692X

Date received 6/12/51

CARLOS A. ROGERS
ROUTE 3
FRANKLIN, NORTH CAROLINA

Name and address of applicant

Date JUNE 11, 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) ~~certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5)~~ XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

(6) is overtyped "X" with "5" written beneath.

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? FEIDSPAR
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. 5 miles Northwest of Franklin, N.C.
   (*b*) Mining district. Franklin, N. C.
   (*c*) Township, Section, Range. Iotla
   (*d*) County, State. Macon County, North Carolina.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   ☐ 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 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 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 answers to the above are all that are needed.**

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 Carlos A. Rogers
(Signature of authorized official)

JUNE 11, 1951
(Date)

OWNER
(Title)

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

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

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA-1692X

Date received ______

CARLOS A. ROGERS
ROUTE 3
FRANKLIN, NORTH CAROLINA.

Name and address of applicant

Date JUNE 11, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) ~~Necessity certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5)~~ priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (~~6~~ 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? FEILDSPAR
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. 5 miles Northwest of Franklin, N.C.
   (*b*) Mining district. Franklin, N. C.
   (*c*) Township, Section, Range. Iotla
   (*d*) County, State. Macon County, North Carolina.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ 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 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.

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-1692X

Date received 6/13/51

Participation

CARLOS A. ROGERS
ROUTE 3
FRANKLIN, NORTH CAROLINA

Name and address of applicant

Date JUNE 11, 1951

FILL IN THIS BLOCK

Date of application JUNE 11, 1951

Estimated cost $ 14,180.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 5 miles Northwest of FRANKLIN, N. C.

Date of filing MF-100 JUNE 11, 1951

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.

(Name of company)	By CARLOS A. ROGERS (Signature of authorized official)
JUNE 11, 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 CARLOS A. ROGERS FRANKLIN, N. C.

THE APPLICANT:

1. Individual.

4. Applicant has been mining in this district for over 10 years. He is familiar with all processes in mica mining.

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:

> This being part of the lands, 120 acres more or less, acquired from Sam Sweatman by Carlos Rogers and Vera Rogers on October 7, 1948, as recorded in Book No. V-5, Page 201, of the Register of Deeds Office of Macon County,

11. Name of mine: Rogers Mine

12. Property is located 2 miles West of Franklin, N. C. (Railroad shipping point), on State Highway # 28; thence 2 miles West on Burningtown County Road; thence South West 1 mile to the property on a County Road.

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

14. Mine contains no facilities, equipment, etc.

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

16. (a) Previous work consisted of running a tunnel for 40 feet, entirely with hand tools. Operation ceased because equipment was required to continue.

(b) Property is located directly within the mica belt of Western North Carolina. Neighboring properties, such as the Beasley Mines, Poll Miller Mines, Mill Knob, etc., have been high producers and their results are recorded with the Bureau of Mines.

(c) See attached examination report of A. W. REID.

THE PROPERTY (Continued)

17. Mine is not in production.

18. Mine is not in production.

THE EXPLORATION:

20. Exploration will be for mica and associated minerals.

21. It is proposed to bulldoze off the mine face and area, to clean out the tunnel and prepare for shooting an additional 60 feet to reach the vein.

22. See attached examination report of A. W. Reid.

FORM MF-103 CARDOS A. ROGERS ROUTE 3, FRANKLIN, N. C.

ESTIMATED REQUIREMENTS AND COSTS:

23.	EACH DAILY	40 DAYS
(a) LABOR:		
1 Drill operator	$15.00	600.00
2 Miners	12.00	960.00
2 Muckers	10.00	800.00
(b) SUPERVISORS:		
1 Superintendent	25.00	1,000.00
1 Bookeeper	8.00	320.00
(d) TOOL HOUSE AND BLACKSMITH SHOP		1,500.00
(e) EQUIPMENT:		
1 Air Compressor (125 cfm)		3,170.00
2 JAckhammer Drills		690.00
1 Jeep Pickup Truck		1,600.00
Steel & Small Tools		1,000.00
(g) BULLDOZER WORK TO REMOVE OVERBURDEN, ETC.		1,600.00
(h) MATERIALS AND SUPPLIES:		
Powder, Fuse, Exploders, etc. ($15.00 per day)		600.00
Gasoline & Oil for equipment ($8.50 per day)		340.00
TOTAL REQUIREMENTS		$14,180.00

(*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 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 answers to the above are all that are needed.

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.

JUNE 11, 1951
(Date)

By Carlos A. Rogers
OWNER
(Signature of authorized official)

(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