DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2204

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION PROJECT

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:	Production Expansion Div. Code 400	Date	11/14/51
To:	Dietrich B. of M. Rm. 3526	Date	12-18-51
To:	Norton - Geol Survey G-228	Date	12-20-51
To:	Operating Conv.	Date	1-7-52.
To:		Date	
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FILE COPY
SURNAME:

SAFeitler
LGHouk

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

Mr. Robert A. Laurence
Executive Officer
DMA Field Team, Region III
Room 11, Post Office Building
Knoxville 11, Tennessee

Subject: Exploration Applications Denied Without Field Referral, Region III

Dear Mr. Laurence:

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

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

Copies of the following applications are included:

Field Number DMA -

1900	2119
1972	2151
1993	2196
1912	2197
1946	2200
1965	2224
2071	2285

Sincerely yours,

Signed 4-14-52

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

Enclosures - 14
SAFeitler:cp 4/10/52
cc: Secret File
Applicant File
Mr. Parks, Reg. III
Mr. Interior, 2346
Mr. Houk

FILE COPY
SURNAME:

Robertson
Dietrick
Norton
Hook
Hedges
Thayer
Johnson

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

JAN 9 1952

ON

Mr. A. C. Meshburn
Oneida, North Carolina

Re: Docket No. [illegible]-2204
Strategic Mica
A. C. Meshburn's Simmons Creek Property

Dear Mr. Meshburn:

Your application for an exploration loan, Docket No. [illegible] 2204, October 3[illegible], 1951, has been carefully reviewed by this office.

Based on the supporting data submitted and other information available to us, we find that the proposed project lacks sufficient merit to justify government participation in the project.

We regret to advise that your application for a loan in this case is herewith denied.

Sincerely yours,

C. O. Mittendorf (fw) 1-9-52

C. O. Mittendorf
Acting Administrator
Strategic Minerals Exploration Administration

JTRobertson/jem
2-3-51
cc to: Adm. Reading File
Reports & Records
Docket
Messrs. Mittendorf
Dietrick - Rm. 3526
Norton - Rm. G-228
Johnson, F.
Hedges, J.H. Rm. 4621
Thayers, T.P. Rm. 3216 G.S.
Robertson
Field Team, Region VII (2)

UNITED STATES DEPARTMENT OF THE INTERIOR
Geological Survey

December 21, 1951

Memorandum

To: Non-Metallic Minerals Division, Defense Minerals Exploration Administration

From: D. H. Kupfer, U. S. Geological Survey

Subject: A. A. Mashburn's application (DMEA- 2204) for aid in exploring the prospect for pegmatite minerals.

Location of prospect: 10 mi. Northwest of Franklin, near Gneiss, Macon, Co., N.Car.

Recommendation (check one):

1. Deny the application.
2. Request applicant for more data.

Reasons for recommendation (check all applicable statements):

1. The application does not contain specific reasons to show why the applicant considers exploration worth-while. Insufficient evidence is presented to show that the prospect merits a field examination.
2. A rough sketch map of the property is needed showing size and location of deposits.
3. The location of the property is inadequately described.
4. The name of the prospect is inadequate identification. Several mines and prospects having this name are in this district, and the applicant does not show clearly which one this application covers.
5. This is apparently an old mine or prospect, but the applicant's description of the workings is incomplete.
6. Production figures given in the application are quite inadequate, and it seems probable that better data can be obtained.
7. The applicant gives no information on the quality and size of the mica.
8. A sample of the mica should be requested.
9. The applicant's property evidently has some (beryl, tantalite-columbite, cassiterite) but no evidence has been provided to show that there is any chance of finding a minable deposit. The applicant should be asked to submit sample(s) from his prospect containing at least (20 pounds of beryl, 5 pounds of tantalite-columbite, 5 pounds of cassiterite).
10. The applicant's proposed expenditures for supervision and overhead seem disproportionately large in relation to expenditures for actual exploration.
11. The suggested program of exploration is vague and incomplete.
12. We can find no information in our files on this property.
13. This property has previously been examined, and the report in our files indicates that exploration is not worth-while unless the applicant can provide any evidence that a discovery may be made.
14. Other: Mashburn sold 187 pounds of mica during World War II to Colonial Mica Corporation, but it may not be from this property.

Copy to: Branch Reading file, 4212
DMEA
Morton, C-230, GS Bldg.

D. H. Kupfer

Dietrich + Robert } concured
Mines Bureau

in recommendation as prepared
by Kupfer, Geological Survey

Recommendation No. Denial

JK.

UNITED STATES DEPARTMENT OF THE INTERIOR
Geological Survey

December 21, 1951

Memorandum

To: Non-Metallic Minerals Div., Defense Minerals Exploration Administration

From: D. H. Kupfer, U. S. Geological Survey

Subject: A. A. Mashburn's (DMEA-2204) application for aid in exploring the prospect for pegmatite minerals.

Location of prospect: 10 mi. NW of Franklin, near Gneiss, Macon Co., N. Car.

Recommendation (check one):
1. Deny the application.
2. Request applicant for more data.

Reasons for recommendation (check all applicable statements):
1. The application does not contain specific reasons to show why the applicant considers exploration worth-while. Insufficient evidence is presented to show that the prospect merits a field examination.
2. A rough sketch map of the property is needed showing size and location of deposits.
3. The location of the property is inadequately described.
4. The name of the prospect is inadequate identification. Several mines and prospects having this name are in this district, and the applicant does not show clearly which one this application covers.
? 5. This is apparently an old mine or prospect, but the applicant's description of the workings is incomplete.
6. Production figures given in the application are quite inadequate, and it seems probable that better data can be obtained.
7. The applicant gives no information on the quality and size of the vein.
8. A sample of the mica should be requested.
9. The applicant's property evidently has mica (beryl, tantalite-columbite, monazite) but no evidence has been provided to show that there is any chance of finding a minable deposit. The applicant should be asked to submit sample(s) from his prospect containing at least (20 pounds of beryl, 5 pounds of tantalite-columbite, 5 pounds of monazite).
10. The applicant's proposed expenditures for supervision and overhead seem disproportionately large in relation to expenditures for actual exploration.
11. The suggested program of exploration is vague and incomplete.
12. We can find no information in our files on this property.
13. This property has previously been examined, and the report in our files indicates that exploration is not worth-while unless the applicant can provide new evidence that a discovery may be made.
14. Other: Mashburn sold 187 pounds of mica during World War II to Colonial Mica Corporation, but it may not be from this property.

Copy to: Branch Reading File, 4212
DMEA
Norton, G-220, GS Bldg.

97022

DEFENSE MINERALS ADMINISTRATION

PRODUCTION EXPANSION DIVISION

Robertson

DENIAL

EXPLORATION LOANS

Name of Company and Address: A. A. MASHBURN

Name of Mine and Location Franklin Dist. GNEISS, N.C.

Docket No. D.M.A. 2204 Date received by P.E.D. Oct. 31, 1951

Metals or Minerals involved Strategic Mica

Amount of Total Project: $1,730

Government participation, percent and amount 90% 1557

Number of subprojects in total application

Type of Exploration	Feet	Cost per foot	Total cost
Preparatory & Rehabilitation	Trench 150' x 20' x 20'		$ 800.
Equipment			85.
Shaft sinking & winzes			—
Drifts and crosscuts	Test Pits		750.
Raises			
Diamond or churn drilling			
Other			95.

Total $1730.

Comments on Contract

DENIAL

Date sent to Applicant for signature

Date returned to P.E.D. —

Date sent to Legal —

Date signed by Administrator Sent to Adm. for sign. time Jan 7 1952

Additional remarks:

Denied

Interior—Duplicating Section, Washington, D. C.

Signed

400
FILE COPY
SURNAME:

Robertson
Mittendorf

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

AIR MAIL

Mr. A. A. Mashburn
Gneiss, North Carolina

Docket No. DMA-2204X
Re: Exploration Loan
Strategic Mica

Dear Mr. Mashburn:

Referring to your application for exploration loan DMA-2204X, we find that we require some additional information with respect to land description and location of work.

Please send us the section and range description or the description by metes and bounds, whichever is used in the deed. Your application in (3) form MF-103 indicates that the work is to be performed "at several locations." Should there be any difference in the legal description of these locations please inform us. However, if the work is to be performed on one contiguous tract, and the scope of the exploration is intended to cover the entire 25 acres, then one single description of the boundry limits of the entire tract will suffice.

Sincerely yours,

C. O. Mittendorf (fw) cc 11-20

C. O. Mittendorf, Director
Production Expansion Division

JTRobertson/jem
11-19-51
cc to: Adm. Reading File
Reports & Records
Messrs. Mittendorf, Olund
Arundale
Norton
Robertson
Docket

BL

Defense Minerals Exploration Administration

Review of Application for Exploration Assistance

Docket No. DMEA-2204X

Commodity Strategic Mica

Total Amount 1,730

Govt. Participation 90%

1. Name and Address of Applicant A. A. Mashburn, Gneiss, North Carolina

2. Location of Property Franklin Dist., Macon County, N. C. Lying on the watershed of Walnut Creek, 2 miles West of Gneiss and 10 miles N.W. of Franklin.

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

If not, application will be rejected.

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

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

a) Good Do not know

b) Poor

c) None

d) Don't know—needs field examination Yes

e) Is there an alternative and favorable project? - - -
(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? - - -

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

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? - - -

b) MF-202 - - -

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

a) Available manpower Yes

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

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points?

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

Do not know

Is a field check needed on this point? Yes

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

a) Is the project adequately described? Yes (Except for location of trench & pits)

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

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

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

If not, what part of it is? - - -

Is this part a worth-while exploration project? **Do not know**

d) Are the cost estimates detailed? **Yes**

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

e) Are the cost estimates reasonable? **The labor cost of supervision should be checked.**

f) Should more information be requested from applicant? **No**

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

11. Exhibit B (question 23-d)*

a) Is it applicable? **Not applicable**

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

c) Is a field check needed? **- - -**

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

a) Is it applicable? **Yes**

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

c) Are rents and charges reasonable? **Yes**

d) Is a field check needed? **No**

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

a) Are there sufficient data? **Yes**

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

c) Is the schedule excessive for the work proposed? **No Field Should Check Supervision Cost**

d) Are the proposed wages and salaries reasonable? **?**

e) Is a field check needed? **Yes**

14. Exhibit E (question 23-c)*

a) Is it applicable? **Not applicable**

b) Sufficient data? - - -

c) Reasonable? - - -

d) Field check needed? - - -

15. In your judgment, can the proposed work be done in the proposed time? **Yes**

(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? **Possibilities for finding commercial quantities of strategic mica should be examined by field team, and a check made on the estimates for cost of supervision. Also the actual site for proposed 50' x 20' x 20' trench and pits should be sketched.**

After review by commodity men decided on denial without examination

Reviewed by: **J. T. Robertson**

Date **December 18, 1951**

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma 22204

Date received 10-31-51

A. A. MASHBURN
GNEISS, N. C.

Name and address of applicant

Date 10/30/51

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Strategic Mica
   (*b*) What are the byproducts, if any?
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. Nearest town - Gneiss - 2 miles east Shipping Point - Franklin - 10 miles S.E.
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Gneiss
   (*d*) County, State. Macon, N. C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☑ Owner. √
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators: Applicant has mined for more than 5 years

   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: none. Operation will start upon completion of exploratory work

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: none

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.

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.

A. A. MASHBURN
(Name of company)

By A. A. Mashburn
(Signature of authorized official)

10/30/51
(Date)

(Title)

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

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

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D.C.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

OCT 31 3 30 PM '51

Not To Be Filled in by Applicant

Docket No. dma 2204
Metal or Mineral
Date Received 10-31-51
Amount $
Participation (Government %)

Name and address of applicant

A. A. HASHBURN

GREISS, N. C.

Date 10/30/51

If you have already filed MF-100, give date filed attached, type of assistance requested ,

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

(*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE: (1) 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 (*c*) 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. Both areas are the same

(2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

a) What metals or minerals do you expect to find? Strategic mica

b) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

16—64067-2

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. NONE

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item. See attached

7. Furnish a detailed list of operating equipment, separated into items to be— see attached

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each. see attached

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above. see attached

10. (*a*) How much are you prepared to invest in the proposed project? 10%

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)? yes

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

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.

A. A. WASHBURN
(Name of company)

By A. A. Washburn
(Signature of authorized official)

10/30/51
(Date)

(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

LF# 103 A. A. HASHBURN GNEISS, NORTH CAROLINA 10/30/51

1. LEGAL DESCRIPTION:

Being the lands conveyed by deed, dated December 26, 1922, from Harley H. Hashburn et al, to A. A. Hashburn; recored in the office of the Register of Deeds for Macon County on July 12, 1944 on page 62 of book L-5. (25 acres more or less)

3. Although there has been no past work done on this property it lies within the main mica lead of the Franklin District and, at several locations,
4. excellent signs of strategic mica appear. The selected site, to be approved at time of visit by Field Team, is most promising; it is planned to dozer-trench the area for a distance of 150 feet long, 20 feet wide and 20 feet deep. Three or four test pits will then be dug into the pegmatite.
Exploratory work will start upon signing of contract and will be completed within 20 days.
If a sketch of this property is required before visit by Field Team it will be furnished, but at present it is considered best to await inspection.

11. COST OF PROJECT:

Dozer-trenching 50 hours @ $10.00 per hour	$ 500.00
Superintendent-Engineer 15 days @ $20.00 per day	300.00
Working Foreman 20 days @ $15.00 per day	300.00
3 Laborers 45 days total @ $10.00 per day	450.00
Miscellaneous hand tools etc.	85.00
Misc. expenses, sampling, payroll taxes, office, etc.	95.00
Total cost of project	$ 1,730.00

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DEPARTMENT OF THE INTERIOR
RECEIVED
DEC 1 1 1951
Defense Minerals Administration,
Production Expansion Division,
Defense Minerals Administration
RECEIVED
DEC 1 3 1951

NATIONAL MINERS' ASSOCIATION

HIGHLANDS RD. AT MAIN ST.

FRANKLIN, NORTH CAROLINA

A CONFEDERATION OF AMERICAN MINERAL MINERS

ANDREW W. REID
CHAIRMAN
BOARD OF DIRECTORS

ROY H. FOUTS
SECRETARY

HARRY PATTON
TREASURER

FRANK SIERSMA
CHAIRMAN LOCAL
MINING COMMITTEE

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

December 7, 1951

Non-Ferrous

Mr. C. O. Mittendorf
Director, P. E. Div.
Defense Minerals Adm.
Washington 25, D. C.

Re: DMA-2204X
A. A. Mashburn

Dear Mr. Mittendorf:

Your letter of November 20, to Mr. Mashburn, has been referred to me for reply.

Deed description of the property on which application for loan has been filed, is as follows:

> Lying on the waters of Walnut Creek, Sugarfork Township, Macon County, North Carolina, being the lands purchased by Charlie Crisp and adjoining the lands of N. H. Burns, Burt Buchand, Bill Dills, Dave McCoy and the Norton Deal land.

The entire property is being devoted to DMA-2204X project.

Trusting the above information will permit you to further process this application, we are

Sincerely yours,

NATIONAL MINERS ASSOCIATION

Frank Siersma

Frank Siersma, Exec. Committee

FTS:em

Mr. A. A. Mashburn
Gneiss, North Carolina

Subject: DMA-2204
Re: Exploration Loan

My dear Mr. Mashburn:

This will acknowledge receipt of your application dated October 30, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2204 and referred to the Production Expansion Division.

Kindly refer to DMA-2204 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. dmd 2204

Date received 10-31-51

A. A. MASHBURN
GNEISS, N. C.

Name and address of applicant

Date 10/30/51

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Strategic Mica
   (*b*) What are the byproducts, if any?
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. Nearest town - Gneiss; 2 miles east Shipping Point - Franklin; 10 miles S.E.
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Gneiss
   (*d*) County, State. Macon County, N. C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. Applicant has mined for more than 5 years
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: None. Operation will start upon completion of exploratory work

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: none

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.

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.

A. A. MASHBURN
(Name of company)

By A. A. Mashburn
(Signature of authorized official)

10/30/51
(Date)

(Title)

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

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

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
OCT 31 9 39 AM '51

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. dma 2.2.04
Metal or Mineral
Date Received 10-31-51
Amount $
Participation (Government %)

A. A. MASHBURN

GNEISS, N. C.

Name and address of applicant

Date 10/30/51

If you have already filed MF-100, give date filed attached, type of assistance requested ,

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) 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 (*c*) 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. Both areas are the same

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find? Strategic mica

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. NONE

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item. See attached

7. Furnish a detailed list of operating equipment, separated into items to be— see attached

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each. see attached

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above. see attached

10. (*a*) How much are you prepared to invest in the proposed project? 10%

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)? yes

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

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.

A. A. MASHBURN
(Name of company)

By A. A. Mashburn
(Signature of authorized official)

10/30/51
(Date)

(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

MF# 103 A. A. MASHBURN GNEISS, NORTH CAROLINA 10/30/51

1. LEGAL DESCRIPTION:

Being the lands conveyed by deed, dated December 26, 1922, from Harley H. Mashburn et al, to A. A. Mashburn; recored in the office of the Register of Deeds for Macon County on July 12, 1944 on page 62 of book L-5. (25 acres more or less)

3. Although there has been no past work done on this property it lies within the main mica lead of the Franklin District and, at several locations,
4. excellent signs of strategic mica appear. The selected site, to be approved at time of visit by Field Team, is most promising; it is planned to dozer-trench the area for a distance of 150 feet long, 20 feet wide and 20 feet deep. Three or four test pits will then be dug into the pegmatite.
Exploratory work will start upon signing of contract and will be completed within 20 days.
If a sketch of this property is required before visit by Field Team it will be furnished, but at present it is considered best to await inspection.

11. COST OF PROJECT:

Dozer-trenching 50 hours @ $10.00 per hour	$ 500.00
Superintendent-Engineer 15 days @ $20.00 per day	300.00
Working Foreman 20 days @ $15.00 per day	300.00
3 Laborers 45 days total @ $10.00 per day	450.00
Miscellaneous hand tools etc.	85.00
Misc. expenses, sampling, payroll taxes, office, etc.	95.00
Total cost of project	$ 1,730.00

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