DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip Mica.

CONTROLLED DOCUMENT

~~DMA~~ DMEA Docket No. 2249

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:	Non-Metallics Br.	Date	11-26-51
To:	Operating Com.	Date	5-28-52
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

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

Subject: Docket No. DMEA-1338 - Mica
" " DMEA-1955 - "
" " DMEA-2249 - "
" " DMEA-2327 - "
" " DMEA-2414 - "
" " DMEA-2429 - "
" " DMEA-2430 - "
" " DMEA-2431 - "

Dear Mr. Laurence:

Reference is made to Mr. Mittendorf's letter of May 21st transmitting samples of mica to Mr. George A. Purcell, Mica Consultant, General Services Administration, Federal Supply Service, Unit 2, 7th Floor, 34 Exchange Place, Jersey City, New Jersey, for evaluation. The following are Mr. Purcell's findings.

Muskins Mine: DMEA-1338	"Sample 3 pieces well prepared. Color: Ruby. Quality acceptable for stockpile.
Winters Prospect: DMEA-1955	"Sample 7 pieces of poor preparation. Color: Ruby. Quality wavy and some black spots. Not acceptable for stockpile.
Luther Mine: DMEA-2249	"Sample 5 small pieces poorly prepared. Color: Non-ruby. Quality poor except for 2 specimens. Not acceptable for stockpile.
May Mine: DMEA-2327	"Sample 4 pieces of fair preparation. Color: Ruby. Quality somewhat wavy. Samples would indicate acceptable stockpile quality obtainable from this source.
Doublehead Mine: DMEA-2414	"Sample 7 pieces of fair preparation. Color: Non-ruby. Quality contains some black spots. Not acceptable for stockpile.
Carpenter Mine: DMEA-2429	"Sample 6 pieces very small, untrimmed. Color: Ruby. Usable area of samples too small to indicate quality or size obtainable. Acceptable for stockpile as to color.

Bumgardner Mine: DMEA-2430	"Sample 6 thin sheets of fair preparation. Color: ruby. Sample would indicate acceptable quality obtainable from this source.
Glen Meade Mine: DMEA-2431	"Sample 3 very small specimens poorly prepared. Color: ruby. Samples too small to evaluate quality. It is possible acceptable quality could be obtained from this source but cannot at determine from present samples."

Please note that the mica from the Winters Prospect, DMEA-1953, Idaho-2224, is not acceptable for stockpile. If the seven samples are representative of the quality of mica to be expected from this prospect, then you would be justified in terminating this contract.

The Luther Mine, DMEA-2249, and the Doublehead Mine, DMEA-2414 are not eligible for exploration assistance, and this office will write letters of denial on them.

Sincerely yours,

- S - 5-29-52

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Approved:

/s/ J. H. Hedges
Member, Bureau of Mines

/s/ D. M. Lemmon
Member, Geological Survey

LCHook:gad 5/26/52

Copy to: Admin. Reading File
Operating Committee (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Hook

Mr. T. L. Holland

Cullasaja, North Carolina

Subject: Docket No. DMEA-2249 - Mica
Luther Mine
Franklin District
Macon County, North Carolina

Dear Mr. Holland:

Reference is made to our letter of May 15, 1952, regarding samples of mica from the Luther Mine which were forwarded to the General Services Administration for evaluation. The following comments were received from that organization:

"Luther Mine: DMEA-2249 Sample 3 small pieces poorly prepared. Color: Rose-ruby. Quality poor except for 2 specimens. Not acceptable for stockpile."

Inasmuch as the samples of mica are not acceptable for the National stockpile, your application for exploration assistance is denied.

The Defense Minerals Exploration Administration wishes to thank you for your interest in the defense effort and regret that we are unable to provide exploration assistance for your mine.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

LGHouk:gad 5/27/52

Copy to: Admin. Reading File
Operating Committee (2)
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Docket File
Mr. Houk

MAY 15 1952

Mr. T. L. Holland

Cullasaja, North Carolina

Subject: Docket No. DMEA-2249 - Mica
Luther Mine
Franklin District
Macon County, North Carolina

Dear Mr. Holland:

Receipt is acknowledged of your letter of May 12, 1952, enclosing a map showing the location of the mica mines and samples of mica which are being forwarded to the General Services Administration for evaluation as to strategic quality.

Sincerely yours,

Lawrence G. Houk, Chief
Nonmetallic Minerals Division
Defense Minerals Exploration
Administration

LGHouk:gad 5/14/52

Copy to: Admin. Reading File
Field Team, Region VII
Docket File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

APR 25 1952

Mr. T. L. Holland

Cullasaja, North Carolina

Subject: Docket No. DMEA-2249 - Mica
Luther Mine
Franklin District
Macon County, North Carolina

Dear Mr. Holland:

Reference is made to our letter of February 29, 1952, requesting sketch map and sample of mica neither of which have been received in this office.

Your letter of February 15th acknowledged receipt of our request for information, and promised to supply a mica sample and a sketch. Nothing further has been received from you and we assume that you no longer desire to proceed with the application. We wish to cooperate with you in the matter of allowing ample time, but if the needed data have not been received by May 31, 1952, we will then consider the docket closed.

Sincerely yours,

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

LGHouk:gad 4/24/52

Copy to: Admin. Reading File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk
Field Team, Region VII (2)

Geological Survey

February 14, 1952

Memorandum

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

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

Subject: T. L. Holland's (DMEA-2249) application for aid in exploring the Luther prospect for pegmatite minerals.

Location of prospect: 2 miles SW of Gneiss, (near Franklin), Macon County, N. C.

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 new evidence that a discovery may be made.

14. Other: The answer to question 2 (b) is generalized and incomplete. It gives no data on the pegmatite the applicant wishes to explore (if indeed any pegmatite exists at all). One hundred pounds of green (non-strategic) mica was sold to Colonial Mica Corporation by R. L. Dills during World War II, but this is probably not the same property.

Copy to: Branch Reading File, 4212
DMEA ✓
Martin, C-250, GS Bldg

Mr. T. L. Holland
Cullasaja, North Carolina

Subject: Docket No. DMEA-2249 - Mica
Luther Mine
Franklin District
Macon County, North Carolina

Dear Mr. Holland:

Your letter of February 15, 1952, in which you advised you were enclosing a sketch showing location of outcrops, has been received. The sketch was not enclosed with your letter.

You also advised you were sending mica samples under separate cover. These samples have not been received.

Will you please send us another sketch and more mica samples?

Sincerely yours,

J. T. Robertson, Acting Chief
Non-Metallic Minerals Division
Defense Minerals Exploration
Administration

TLChapman:gad
2/26/52

Copy to: Admin. Reading File
Docket File
Mr. Norton, G-228, GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

February 13, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: W. F. Dietrich, Chief
Ceramic and Fertilizer Materials Branch

Subject: DMEA-2249; Mica: T. L. Holland (Luther Mine)

It is suggested that applicant be requested to submit more complete data, with special reference to the size and quality of mica, and the estimated width and length of the deposit.

Signed

W. F. DIETRICH

WFDietrich/em

Copy to: Ceramic & Fert. Materials Branch
Mr. Houk
Minerals Division
F I L E S

FILE COPY
SURNAME:

COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. 600

5-29-52

Houk
Mittendorf

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

Subject: Docket No. DMEA-1388 - Mica
" " DMEA-1955 - "
" " DMEA-2249 - "
" " DMEA-2327 - "
" " DMEA-2414 - "
" " DMEA-2429 - "
" " DMEA-2430 - "
" " DMEA-2431 - "

Dear Mr. Laurence:

Reference is made to Mr. Mittendorf's letter of May 21st transmitting samples of mica to Mr. George A. Purcell, Mica Consultant, General Services Administration, Federal Supply Service, Unit 2, 7th Floor, 34 Exchange Place, Jersey City, New Jersey, for evaluation. The following are Mr. Purcell's findings:

Hankins Mine:
DMEA-1388

"Sample 3 pieces well prepared. Color: Ruby. Quality acceptable for stockpile.

Winters Prospect:
DMEA-1955

"Sample 7 pieces of poor preparation. Color: Ruby. Quality wavy and some black spots. Not acceptable for stockpile.

Luther Mine:
DMEA-2249

"Sample 5 small pieces poorly prepared. Color: Non-ruby. Quality poor except for 2 specimens. Not acceptable for stockpile.

May Mine:
DMEA-2327

"Sample 4 pieces of fair preparation. Color: Ruby. Quality somewhat wavy. Samples would indicate acceptable stockpile quality obtainable from this source.

Doublehead Mine:
DMEA-2414

"Sample 7 pieces of fair preparation. Color: Non-ruby. Quality contains some black spots. Not acceptable for stockpile.

Carpenter Mine:
DMEA-2429

"Sample 6 pieces very small, untrimmed. Color: Ruby. Usable area of samples too small to indicate quality or size obtainable. Acceptable for stockpile as to color.

Bumgardner Mine: DMEA-2430 — "Sample 6 thin sheets of fair preparation. Color: ruby. Sample would indicate acceptable quality obtainable from this source.

Glen Meade Mine: DMEA-2431 — "Sample 3 very small specimens poorly prepared. Color: ruby. Samples too small to evaluate quality. It is possible acceptable quality would be obtained from this source but cannot be determined from present samples."

Please note that the mica from the Winters Prospect, DMEA-1955, Idm-A224, is not acceptable for stockpile. If the seven samples are representative of the quality of mica to be expected from this prospect, then you would be justified in terminating this contract.

The Lamar Mine, DMEA-2249, and the Doublehead Mine, DMEA-2414, are not eligible for exploration assistance, and this office will write letters of denial on them.

Sincerely yours,

-S- 5/29/52

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Approved:

/s/ J. H. Hedges

Member, Bureau of Mines

/s/ D. M. Lemmon

Member, Geological Survey

LHouk:gad 5/26/52

Copy to: Admin. Reading File
Operating Committee (2)
Mr. Dietrich, 3536
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

FILE COPY
SURNAME:

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

600

MAY 29 1952

Houk
Norton
Dietrich
Lemmon
Hodges
Kellman

Mr. T. L. Holland

Cullasaja, North Carolina

Subject: Docket No. DMEA-2249 - Mica
Luther Mine
Franklin District
Macon County, North Carolina

Dear Mr. Holland:

Reference is made to our letter of May 15, 1952, regarding samples of mica from the Luther Mine which were forwarded to the General Services Administration for evaluation. The following comments were received from that organization:

"Luther Mine: DMEA-2249 — Sample 5 small pieces poorly prepared. Color: Non-ruby. Quality poor except for 2 specimens. Not acceptable for stockpile."

Inasmuch as the samples of mica are not acceptable for the National stockpile, your application for exploration assistance is denied.

The Defense Minerals Exploration Administration wishes to thank you for your interest in the defense effort and regret that we are unable to provide exploration assistance for your mine.

Sincerely yours,

C. O. Mittendorf (fw) cc 5/29

Acting Administrator
Defense Minerals Exploration
Administration

LGHouk:gad 5/27/52

Copy to: Admin. Reading File
Operating Committee (2)
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Docket File
Mr. Houk

FILE COPY
SURNAME:

Houk
Mittendorf

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. 600

C O P Y

5-21-52

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region VII
Room 13, Post Office Building
Knoxville 1, Tennessee

Subject: DMEA-1955, Winters Prospect
DMEA-2327, May Mine
DMEA-2414, Doublehead Mine
Mica

Dear Mr. Laurence:

Receipt is acknowledged of samples of mica from DMEA-1955 the Winters Prospect, DMEA-2327 the May Mine, and DMEA-2414 the Doublehead Mine.

The following samples were shipped to Mr. George A. Purcell as of today, and you will be supplied with the results when they become available:

DMEA No.	Name of Mine
1388	Huskins Mine
1955	Winters Prospect
2017	Nancy II
2249	Luther Mine
2327	May Mine
2414	Doublehead Mine
2429	Carpenter Mine
2430	Bumgardner Mine
2431	Glen Mead Mine

Sincerely yours,

RS- 5-21-52

Acting Administrator
Defense Minerals Exploration
Administration

LCHouk:gad:mp 5/20/52
Copy to: Admin. Reading File
Docket File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

FILE COPY
SURNAME:

Houk
Mittendorf

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
600
WASHINGTON 25, D. C.

Mr. George A. Purcell
Federal Supply Service
General Services Administration
Harborside Warehouse
Jersey City, New Jersey

5-20-52

Dear Mr. Purcell:

Transmitted herewith are samples received in this office for evaluation as to color and acceptability for stockpiling.

While I realize that some of these samples are in very poor preparation they are the best obtainable samples. The following list of samples are being transmitted:

DMEA No.	Name of Mine
1388	Huskins Mine
1955	Winters Prospect
2017	Nancy II
2249	Luther Mine
2327	May Mine
2414	Doublehead Mine
2429	Carpenter Mine
2430	Bumgardner Mine
2431	Glen Mead Mine

We would appreciate having the samples returned, if it is convenient for you to do so.

LGHouk:gad 5/20/52

Copy to: Admin. Reading File
Docket File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

Sincerely yours,

Signed 5-20-52
Lawrence G. Houk, Chief
Non-Metallic Minerals Division
Defense Minerals Exploration
Administration

Enclosures 9

P.S. Shall we send our mica samples to the nearest mica buying stations for evaluation when they begin operations?

FILE COPY
SURNAME:

Houk

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. 600

MAY 15 1952

Mr. T. L. Holland
Cullasaja, North Carolina

Subject: Docket No. DMEA-2249 - Mica
Luther Mine
Franklin District
Macon County, North Carolina

Dear Mr. Holland:

Receipt is acknowledged of your letter of May 12, 1952, enclosing a map showing the location of the mica mines and samples of mica which are being forwarded to the General Services Administration for evaluation as to strategic quality.

Sincerely yours,

SIGNED

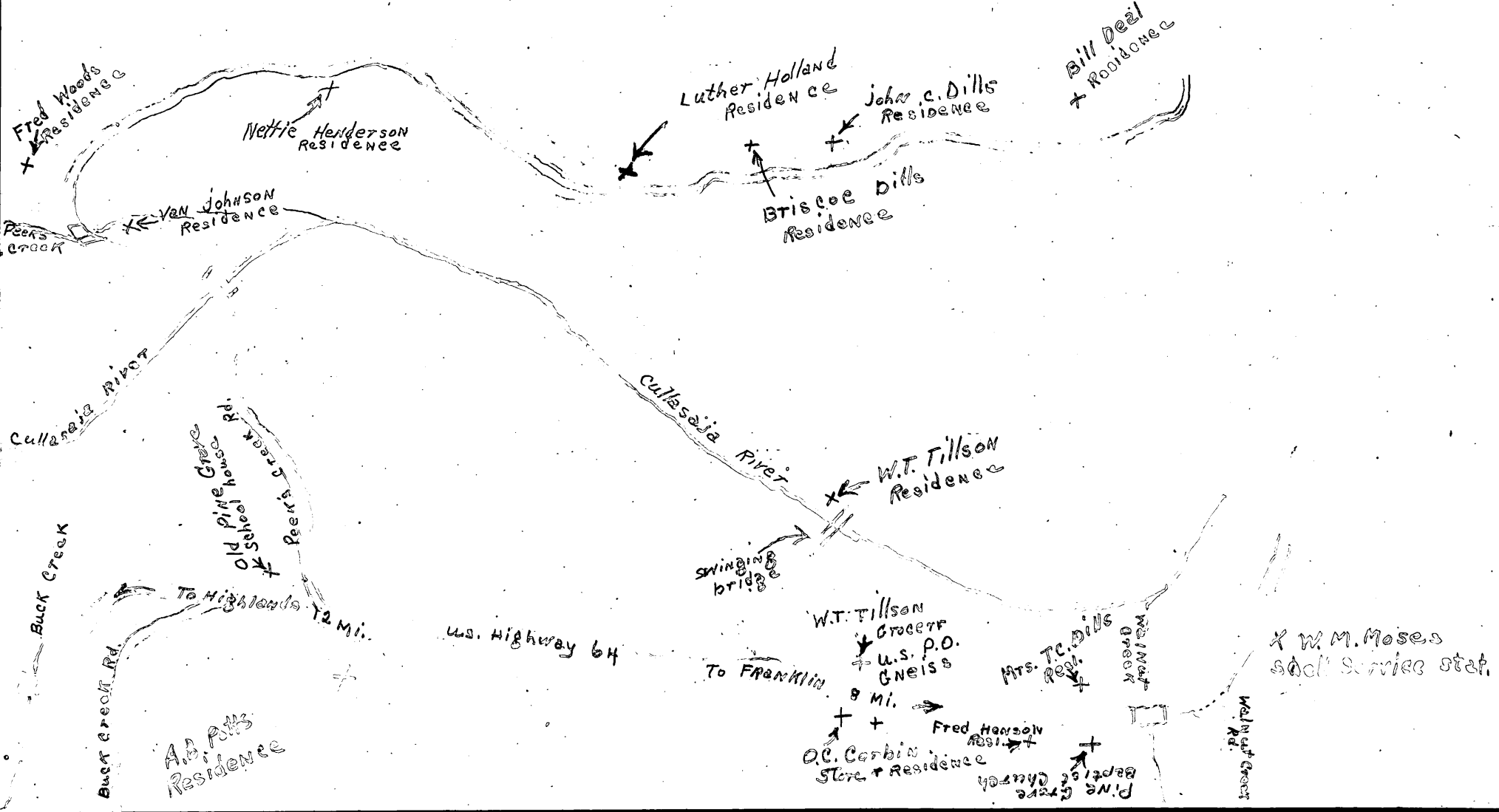
Lawrence G. Houk, Chief
Nonmetallic Minerals Division
Defense Minerals Exploration
Administration

LGHouk:gad 5/14/52

Copy to: Admin. Reading File
Field Team, Region VII
Docket File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

L. L. Holland
Cullasaja, N.C.

Shadow is
Mica location



Gallipolis, O.
May 12, 1952.

United States
Department of the Interior
Defense Minerals Administration
Washington 25, D.C.

Omega
2247

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 13 1952

Dear Sir:

Enclosed is maps showing location of mica mine. The mica samples are in the map and should reach you any day.

Thanking you, I remain,

Yours truly,

J. L. Hilliard

FILE COPY
SURNAME:

Chapman
Houk

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. 600

APR 25 1952

Mr. T. L. Holland

Cullasaja, North Carolina

Subject: Docket No. DMEA-2249 - Mica
Luther Mine
Franklin District
Macon County, North Carolina

Dear Mr. Holland:

Reference is made to our letter of February 29, 1952, requesting sketch map and sample of mica neither of which have been received in this office.

Your letter of February 15th acknowledged receipt of our request for information, and promised to supply a mica sample and a sketch. Nothing further has been received from you and we assume that you no longer desire to proceed with the application. We wish to cooperate with you in the matter of allowing ample time, but if the needed data have not been received by May 31, 1952, we will then consider the docket closed.

Sincerely yours,

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

LGHouk:gad 4/24/52

Copy to: Admin. Reading File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk
Field Team, Region VII (2)

FILE COPY
SURNAME:

Chapman
Robertson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. 600

FEB 29 1952

Mr. T. L. Holland
Cullasaja, North Carolina

Subject: Docket No. DMEA-2249 - Mica
Luther Mine
Franklin District
Macon County, North Carolina

Dear Mr. Holland:

Your letter of February 15, 1952, in which you advised you were enclosing a sketch showing location of outcrops, has been received. The sketch was not enclosed with your letter.

You also advised you were sending mica samples under separate cover. These samples have not been received.

Will you please send us another sketch and more mica samples?

Sincerely yours,

J. T. Robertson, Acting Chief
Non-Metallic Minerals Division
Defense Minerals Exploration
Administration

TLChapman:gad
2/26/52

Copy to: Admin. Reading File
Docket File
Mr. Norton, G-228, GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

Franklin, North Carolina
February 15, 1952

Mr. Lawrence G. Houk, Acting Chief
Non-Metallic Minerals Division
Defense Minerals Exploration Administration
Washington 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 16 1952

Re: Docket No. DMEA-2249 - Mica
Luther Mine
Franklin District
Macon County, North Carolina

Dear Sir:

Following your letter of February 8, relative to the above matter, I enclose herewith a rough sketch showing the location of the outcropping which I propose to work if granted a loan.

This outcropping first showed up when the road was built, and from the bank of the road, which is about eight feet high, I took 200 lbs. of clear mica.

If it is your opinion that I have not filed an application for a sufficient amount, I will change the application for a larger one. The crosscuts are to be done by hand. It will be impossible to tell how many crosscuts there will be until I get into the vein.

I am sending under separate cover a sample of the mica recovered.

Very truly yours,

Luther Holland

LUTHER HOLLAND

Note: No attachments when received in R.&.R. - 2/18/52 - bl
No attachments when rec'd in Non-Metallic 2/19/52

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

February 13, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: W. F. Dietrich, Chief
Ceramic and Fertilizer Materials Branch

Subject: DMEA-2249: Mica: T. L. Holland (Luther Mine)

It is suggested that applicant be requested to submit more complete data, with special reference to the size and quality of mica, and the estimated width and length of the deposit.

W. F. Dietrich

W. F. DIETRICH

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

Mr Chapman

February 13, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: W. F. Dietrich, Chief
Ceramic and Fertilizer Materials Branch

Subject: DMEA-2277: Mica: Burke John Mica Miners

It is recommended that a field team investigation be made. Samples from this prospect were reported by the United States Geological Survey to be of high quality for capacitor use, but there is no production history. Applicant's plan of exploration seems feasible, subject to approval or revision by the field team.

W. F. Dietrich

W. F. DIETRICH

Chapman

UNITED STATES DEPARTMENT OF THE INTERIOR
Geological Survey

February 14, 1952

Memorandum

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

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

Subject: T. L. Holland's, application (DMEA- 2249) for aid in exploring the Luther prospect for pegmatite minerals.

Location of prospect: 2 miles SW of Gneiss, (near Franklin), Macon County, N. C.

Recommendation (check one):

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

Reasons for recommendation (check all applicable statements):

✓ a. 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 new evidence that a discovery may be made.
14. Other: The answer to question 2 (b) is generalized and incomplete. It gives no data on the pegmatite the applicant wishes to explore (if indeed any pegmatite exists at all). One hundred pounds of green (non-strategic) mica was sold to Colonial Mica Corporation by R. L. Dills during World War II, but this is probably not the same property.

Copy to: French Reading File, 4212
DMEA
Norton, C-230, GS Bldg.

Donald H Kupfer

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 EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

NOV 26 AM 9 19 AM '51

Not To Be Filled in by Applicant

Docket No. D.M.E.A. 2249
Metal or Mineral
Date Received 11-26-51
Amount $
Participation (Government %)

T. L. HOLLAND
CULLASAJA
NORTH CAROLINA

LUMBER MINE

Name and address of applicant

Date 11/21/51

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

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 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. NONE OTHER THAN LISTED

7. Furnish a detailed list of operating equipment, separated into items to be— INCLUDED IN LISTING

   (*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. INCLUDED IN LISTING

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. INCLUDED IN LISTING

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.

T. L. HOLLAND
(Name of company)

By X T. L. His Mark Holland
(Signature of authorized official)

Witness to Mark: Clobelle Dekalyn, Franklin, N. C.

11/21/51
(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 T. L. HOLLAND CULLASAJA, N.C. LUTHER MINE 11/21/51

1. DESCRIPTION OF PROPERTY:

BEING the lands conveyed by deed, dated October 7, 1949, from J. C. Dills and wife Ostia Dills to T. L. Holland and recorded in the office of the Register of Deeds for Macon County in Book Y-5 at Page 325; containing 20 acres more or less.

2. The property lies within the main mica lead passing through the Franklin District. Although only slight prospecting has been done in the past, sufficient evidence appears of strategic mica to warrent exploration. In addition to such evidence, similar opinions have been expressed by experienced miners who are familar with the mica lead and production of mines located within it.

3. It is proposed to expose the vein, to determine width, length and dip, by dozer trenching to a distance of 150 feet, 25 feet deep and 15 feet wide. This area will then be cross cut and test hole sunk, to establish best location for future operation. Work will start upon signing of contract and be completed within 20 working days.

4. Sketch of property appears below.

COST OF PROJECT:

Dozer-trenching, 75 hours @ $10.00 per hour	$ 750.00
Working Foreman, 20 days @ $15.00 per day	300.00
2 Laborers, 20 days each @ $10.00 per day each	400.00
Miscellaneous hand tools, etc.	80.00
Misc. expenses, payroll taxes, office, sampling, etc.	75.00
TOTAL COST	$ 1,605.00

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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. D.M.E.A. 2249

Date received 11-28-51

LUTHER MINE

T. L. HOLLAND
CULLASAJA
NORTH CAROLINA

Name and address of applicant

Date 11/21/51

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. 8 miles S.W. of Franklin, N. C.
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Sugarfork
   (*d*) County, State. Lincoln, N. C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____
   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: 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: THIS APPLICATION IS FOR AN EXPLORATORY PROJECT. PRODUCTION WILL START UPON SUCCESSFUL COMPLETION OF SAME.

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.

T. L. HOLLAND
(Name of company)

11/21/51
(Date)

By X his T. L. Mark Holland
(Signature of authorized official)

Witness to Mark: Cleobelle DeHolyn Franklin N C
(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

FILE COPY
SURNAME:

Chapman
Mitt

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. 600

FEB 8 1952

Mr. T. L. Holland

Cullasaja, North Carolina

Subject: Docket No. DMEA-2249 - Mica
Luther Mine
Franklin District
Macon County, North Carolina

Dear Mr. Holland:

Your application for an exploration loan on the Luther Mine has been reviewed by the Staff of the Defense Minerals Exploration Administration. We are unable to evaluate the possibilities of your property until we have more information.

Will you please submit the following:

1. Describe exposures, if any.
2. Give width of dike.
3. Give number and size of cuts or pits, if any. A sketch map showing location of exposures, cuts or pits will be of great help.
4. Advise as to mica showings, and send a sample if available.

Your costs and time appear to be too low. A cut 25 feet deep will require a 45 degree slope for safety, and hence a large yardage of dirt will have to be moved. We believe it will cost at least twice the amount estimated. If you can obtain a contract for this work, please advise what the cost would be.

We assume the crosscuts are to be done by hand. Advise us the approximate number of places it is intended to crosscut. Also give us the number, size, and depth of pits that are expected to be sunk. We would like the costs in more detail.

We thank you for submitting your application, and with the above information we hope to submit it to the Field Team for inspection.

Sincerely yours,

SIGNED

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

TLChapman:gad
2/6/52
Copy to: Admin. Reading File
Docket File
Mr. Houk
Mr. Norton, G-228, GSA Bldg.
Mr. Dietrich, 3526

Subject: DMEA-2249
Re: Exploration Loan
Luther Mine

Mr. T. L. Holland
Cullasaja
North Carolina

My dear Mr. Holland:

This will acknowledge receipt of your application dated November 21, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2249 and referred to the Non-Metallics Branch.

Kindly refer to DMEA-2249 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams, Chief
Reports & Records Unit

7862

Form MF-103
(Revised June 1951)

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

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

NOV 26 9 19 AM '51

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

NOV 26 9 19 AM '51

Not To Be Filled in by Applicant

Docket No. D.M.E.A-2249
Metal or Mineral
Date Received 11-26-51
Amount $
Participation (Government %)

T. L. HOLLAND
CULLASAJA
NORTH CAROLINA

LUTHER MINE

Name and address of applicant

Date 11/21/51

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

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 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. NONE OTHER THAN LISTED

7. Furnish a detailed list of operating equipment, separated into items to be— INCLUDED IN LISTING

   (*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. INCLUDED IN LISTING

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. INCLUDED IN LISTING

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.

T. L. HOLLAND
(Name of company)

By X T. L. Mark Holland
his
(Signature of authorized official)

Witness to Mark:
Clobelle DeGolyer, Franklin, N. C.

11/21/51
(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 T. L. HOLLAND CULLASAJA, N.C. LUTHER MINE 11/21/51

1. DESCRIPTION OF PROPERTY:

BEING the lands conveyed by deed, dated October 7, 1949, from J. C. Dills and wife Octia Dills to T. L. Holland and recorded in the office of the Register of Deeds for Macon County in Book Y-5 at Page 325; containing 20 acres more or less.

2. The property lies within the main mica lead passing through the Franklin District. Although only slight prospecting has been done in the past, sufficient evidence appears of strategic mica to warrent exploration. In addition to such evidence, similar opinions have been expressed by experienced miners who are familar with the mica lead and production of mines located within it.

3. It is proposed to expose the vein, to determine width, length and dip, by dozer trenching to a distance of 150 feet, 25 feet deep and 15 feet wide. This area will then be cross cut and test hole sunk, to establish best location for future operation. Work will start upon signing of contract and be completed within 20 working days.

4. Sketch of property appears below.

COST OF PROJECT:

Dozer-trenching, 75 hours @ $10.00 per hour	$ 750.00
Working Foreman, 20 days @ $15.00 per day	300.00
2 Laborers, 20 days each @ $10.00 per day each	400.00
Miscellaneous hand tools, etc.	80.00
Misc. expenses, payroll taxes, office, sampling, etc.	75.00
TOTAL COST	$ 1,605.00

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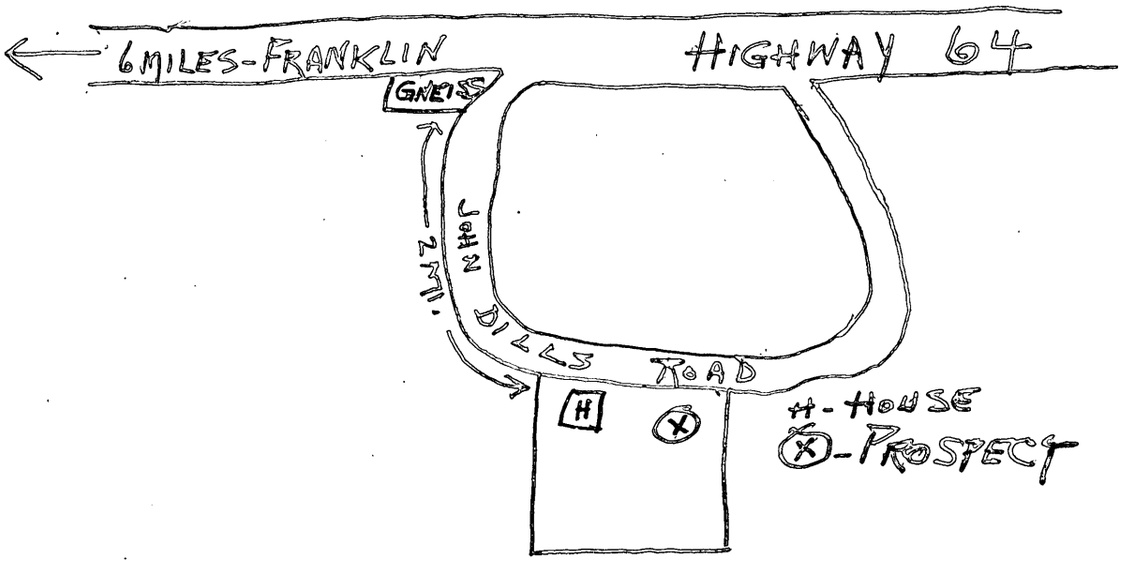

MF-103 T. L. HOLLAND CULLASAJA, N.C. LUTHER MINE 11/21/51

1. DESCRIPTION OF PROPERTY:

BEING the lands conveyed by deed, dated October 7, 1949, from J. C. Dills and wife Ostia Dills to T. L. Holland and recorded in the office of the Register of Deeds for Macon County in Book Y-5 at Page 325; containing 20 acres more or less.

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COST OF PROJECT:

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2 Laborers, 20 days each @ $10.00 per day each	400.00
Miscellaneous hand tools, etc.	80.00
Misc. expenses, payroll taxes, office, sampling, etc.	75.00
TOTAL COST	$ 1,605.00

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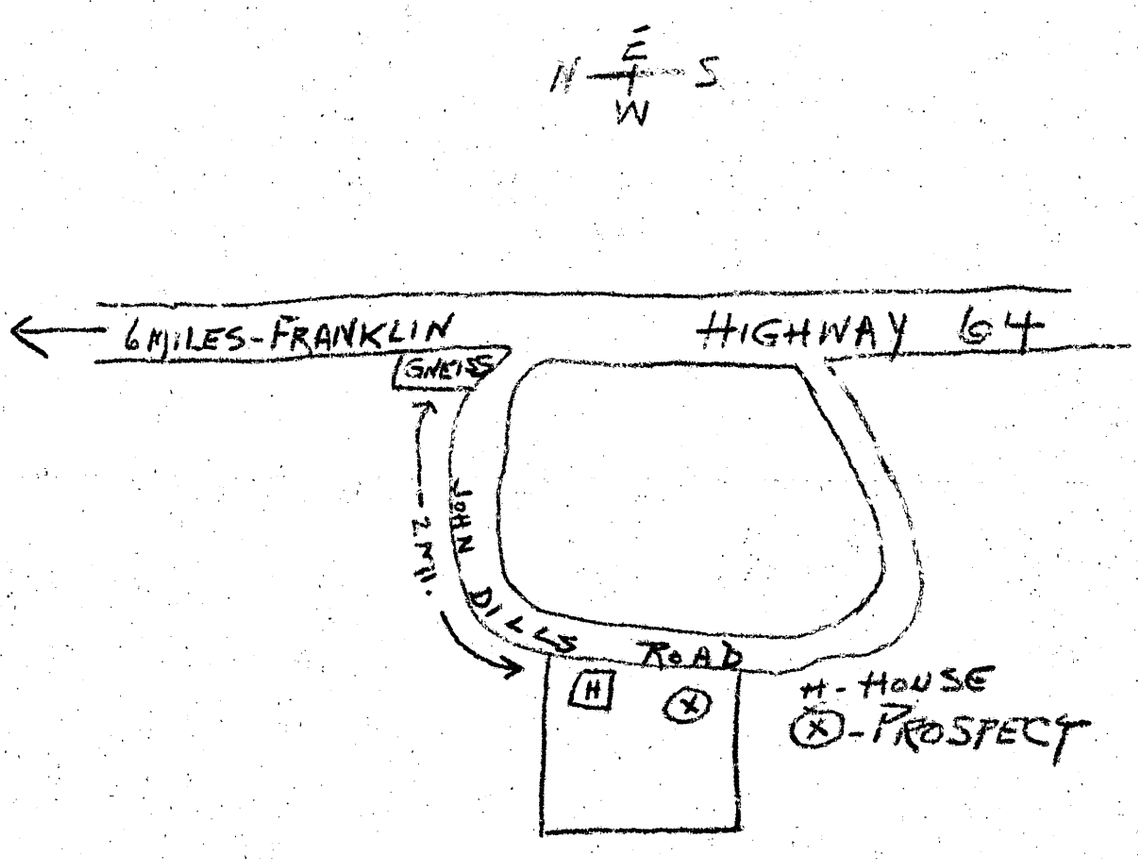

Form MF-100
(May 1951)

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. D.M.E.A. 2249

Date received 11-26-51

LUTHER MINE

T. L. HOLLAND
CULLASAJA
NORTH CAROLINA

Name and address of applicant

Date 11/21/51

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. 8 miles S.W. of Franklin, N. C.
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Sugarfork
   (*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:

   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: THIS APPLICATION IS FOR AN EXPLORATORY PROJECT. PRODUCTION WILL START UPON SUCCESSFUL COMPLETION OF SAME.

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.

T. L. HOLLAND
(Name of company)

11/21/51
(Date)

By X T. L. Hollands his mark
(Signature of authorized official)

Witness to mark: Cleobella Dobbins Franklin N.C.
(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 UNDER AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Nov 26 9 19 AM '51

Not To Be Filled in by Applicant

Docket No. D.M.E.A. 2249
Metal or Mineral
Date Received 11-26-51
Amount $
Participation (Government %)

T. L. HOLLAND
CULLASAJA
NORTH CAROLINA

LUTHER MINE

Name and address of applicant

Date 11/21/51

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

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 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. NONE OTHER THAN LISTED

7. Furnish a detailed list of operating equipment, separated into items to be— INCLUDED IN LISTING

   (*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. INCLUDED IN LISTING

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. INCLUDED IN LISTING

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.

T. L. HOLLAND
(Name of company)

By X T. L. Holland his X mark
(Signature of authorized official)

Witness to Mark X
Clobelle Dettelyn, Franklin, N.C.

11/21/51
(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

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. D.M.E.A. 9249

Date received 11-26-51

LUTHER MINE

T. L. HOLLAND
CULLASAJA
NORTH CAROLINA

Name and address of applicant

Date 11/21/51

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. 8 miles S.W. of Franklin, N. C.
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Sugarfork
   (*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:
   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: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: 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)
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T. L. HOLLAND
(Name of company)

11/21/51
(Date)

By his X mark T. L. Holland
(Signature of authorized official)

Witness to mark: Cleobell Hellyer Franklin NC
(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