DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2479

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

No copies circulated.

To:	Code 600, Rm. 4637	Date	4-8-52
To:	Mr. Fletcher	Date	4-8-52
To:	Operating Com.	Date	5-12-52
To:	Operating Committee	Date	6-20-52
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

MAY 12 1952

600

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

Subject: Docket No. DMEA-2479 - Mica
Thompson Mine
Macon County, North Carolina

Dear Mr. Laurence:

Reference is made to the subject application for exploration assistance at the Thompson Mine, 3½ miles northeast of Franklin, North Carolina. Mr. Lon Thompson's original application, number DMEA-2197 was denied without a field examination on February 15, 1952. A copy of the application was sent to you on April 10, 1952.

The subject number was applied to this file on April 29, 1952, when the enclosed additional information was received in this office. We enclose memos from Messers. Dietrich and Norton.

Please arrange for a field examination of the Thompson Mine at your convenience. Is there any indication that the Noah Gibson pegmatite may extend into the Thompson property? The applicant submitted one piece of mica which is inadequate for classification. Does strategic mica occur here? If indications are favorable, a suitable exploration program should be submitted with the report.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures - 4
Approved:

J. H. Hedges

Member, Bureau of Mines

D M. Lemmon

Member, Geological Survey

SAFeitler:mp 5/12/52
cc: Docket Copy
Operating Committee(2)
Adm. Reading File
Mr. Deitrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

Mr. Lon Thompson
Franklin
North Carolina

Subject: Docket No. DMEA-2479 - Mica
Thompson Mine
Macon County, North Carolina

Dear Mr. Thompson:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 1, Tennessee, for further information.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

SAFEITLER:mp 5/12/52
cc: Field Team, Region VII(2)
Docket Copy
Adm. Reading File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

COPY

NATIONAL MINERS' ASSOCIATION

Franklin, North Carolina
P.O. Box 336

April 26, 1952

Defense Minerals Expl. Adm.
Department of the Interior
Washington 25, D. C.

DMEA-2479
Re: ~~DMA-2197-A~~

Attention Mr. C. O. Mittendorf

Gentlemen:

Mr. Thompson furnished you with additional data regarding his application for exploratory aid on April 5, 1952. Because of the published mica program he is anxious to proceed and has asked that I inquire as to the present status of his application.

I am informed that both shafts at applicant's mine are open and can easily be inspected by the Field Team. This property adjoins the Noah Gibson and Mill Knob mines and is within one mile of the Lyle Knob Mine; all of which have been excellent producers in the past. The particular location of the Thompson Mine provides the belief that exploration should result in a favorable discovery.

Although Mr. Thompson's application lists three sites on which work will be done, he feels sure that exploration at No. 3 may prove sufficient. Consultation with the Field Team should determine that this is the spot on which to start and it may devdope that additional exploration will not be needed; thus reducing costs involved.

I would appreciate it if you will advise me that this application is being forwarded for examination.

Sincerely yours,

FRANK SIERSMA (Signed)

COPY

COPY

NATIONAL MINERS' ASSOCIATION

Franklin, North Carolina
P.O. Box 336

April 26, 1952

Defense Minerals Expl. Adm.
Department of the Interior
Washington 25, D. C.

Attention Mr. C. O. Mittendorf

DMEA-2479
Re: ~~DMA-2197-A~~

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Sincerely yours,

FRANK SINRSMA (Signed)

COPY

FILE COPY
SURNAME:

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

SAFeitler
Houk
Hedges
Thompson
HJohnson

JUN 23 1952

Mr. Lon Thompson
Franklin, North Carolina

Subject: Docket No. DMEA-2479 - Mica
Thompson Mine
Macon County, North Carolina

Dear Mr. Thompson:

Reference is made to the subject application for exploration assistance at the Thompson Mine in Macon County, North Carolina.

Your original application for assistance in exploring this mine, Docket No. DMEA-2197, was denied February 15, 1952. You submitted additional information about the mine in April of this year. This was combined with the old application, assigned the number DMEA-2479, and reprocessed.

Careful consideration of all the data on this property leads to the conclusion that this mine does not offer promise of a significant discovery of strategic mica. The Government is, therefore, unable to participate in an exploration program at the Thompson Mine, and your application is denied.

We wish to thank you for your willingness to cooperate in the effort to increase the supply of strategic minerals.

Sincerely yours,

C. O. Mittendorf (fw)
Acting Administrator
Defense Minerals Exploration
Administration

D.N. 6-23-52

SAFeitler:gad 6/19/52

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

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

June 17, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2479, Thompson Mine (mica), Macon County, N. C.

I concur in the field team's recommendation to deny subject application on basis of poor quality of the mica.

W. F. Dietrich

W. F. Dietrich

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 17 1952

June 17, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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Subject: DMEA-2479, Thompson Mine (mica), Macon County, N. C.

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W. F. Dietrich

IN REPLY REFER TO:

G-MD-JJN

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

S.A.F.

June 6, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2479 (Mica).

To: L. G. Houk, Non-Metallic Minerals Division, DMEA.
From: J. J. Norton, U. S. Geological Survey.
Applicant: Lon Thompson.
Name of property: Thompson prospect.
Location of property: Macon County, North Carolina.
Field team's recommendation:
Denial.
Comments: None.
ACTION SUGGESTED:
Follow field team recommendation.

J. J. Norton

J. J. Norton

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 6 1952

IN REPLY REFER TO:

G-MD-JJN

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

June 6, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2479 (Mica).

To: L. G. Houk, Non-Metallic Minerals Division, DMEA.
From: J. J. Norton, U. S. Geological Survey.
Applicant: Lem Thompson.
Name of property: Thompson prospect.
Location of property: Macon County, North Carolina.
Field team's recommendation:
Denial.
Comments: None.
ACTION SUGGESTED:
Follow field team recommendation.

J. J. Norton

JJNorton:hhp
G-6/6/52
cc: Dir. Read. file, 4212
Branch Read. f., 4212
DMEA
JJNorton, G-230, GSA Bldg., USGS
extra

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D.C.~~

Room 13, Post Office Building
Knoxville, Tennessee

May 23, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee

From: Field Team, DMEA, Region VII

Subject: DMEA-2479, Thompson Mine (mica) Macon County, N.C.

Transmitted herewith are 4 copies of the Field Examination Report on the above subject mine. The Field Team agrees with the findings of this report. There is no evidence that the Noah Gibson pegmatite extends into the Lon Thompson property.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 26 1952

Robert A. Laurence

Robert A. Laurence
Executive Officer, DMEA, Field Team
Region VII

Wm. A. Beck

Wm. A. Beck, for V. J. Lynch
U. S. Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2479,(mica) THOMPSON MINE

Macon County, North Carolina

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
JUN 3 0 1952

By

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

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

May 21, 1952

Reviewed by
DMEA OPERATING COMMITTEE
6-2-52
(date)

Field Team Report on the

THOMPSON MINE - DMEA-2479 (mica)
Macon County, North Carolina

The Thompson prospects are located 2.5 miles airline due north of Franklin, Macon County, North Carolina. A little work has been done in the pasture west of Emory Lake road about 1000 feet northeast of Porters Bend Dam.

At this place three localities have been slightly prospected. At the eastern locality, a test pit 10 feet deep exposes a 2-foot east-west trending pegmatite which has a vertical dip. Mica in the dump is of scrap quality only.

At a point 300 feet, S 50° W. of the above place a pit 18 feet deep exposes a 3 to 4-foot pegmatite. This pegmatite strikes N.70° W, dipping 70° SW. At a point 400 feet N 50° W of the first location a shallow trench about 15 feet long has been dug. No pegmatite is exposed, although mica in small sizes occur in the dump.

Where examined the pegmatites consist of a central rib of quartz, bounded on each side by kaolinized feldspathic pegmatite. The small amount of mica present occurs along both sides of the quartz rib.

All mica observed is small in size, badly bent and cracked. Some of it is badly ruled; it is clear and ruby colored.

There is no exposed evidence at this place to justify an exploration loan.

May 21, 1952

A. L. Peyton, USBM

K.H. Teague, USGS

COPY

Toom 13, Post Office Building
Knoxville, Tennessee

May 23, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee

From: Field Team, DMEA, Region VII

Subject: DMEA-2479, Thompson Mine (mica) Macon County, N. C.

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/s/ Robert A. Laurence
Executive Officer, DMEA, Field Team
Region VII

/s/ Wm. A. Beck, for V. J. Lynch
U. S. Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2479, (mica) THOMPSON MINE

Macon County, North Carolina

Defense Minerals Exploration Administration
MAY 26 1952

By

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

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

May 21, 1952

Reviewed by
DMEA OPERATING COMMITTEE
6-2-52.
(date)

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May 21, 1952

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FILE COPY
SURNAME:

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

MAY 1 2

SAFeitler
Houk
Hedges

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

Subject: Docket No. DMEA-2479 - Mica
Thompson Mine
Macon County, North Carolina

Dear Mr. Laurence:

Reference is made to the subject application for exploration assistance at the Thompson Mine, 3½ miles northeast of Franklin, North Carolina. Mr. Lon Thompson's original application, number DMEA-2197 was denied without a field examination on February 15, 1952. A copy of the application was sent to you on April 10, 1952.

The subject number was applied to this file on April 29, 1952, when the enclosed additional information was received in this office. We enclose memos from Messers. Dietrich and Norton.

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Sincerely yours,

cl 5/12

(signed) FRANK E. JOHNSON (NS)

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures - 4
Approved:

J. H. Hedges

Member, Bureau of Mines (NS)

D. M. Lemmon

Member, Geological Survey (NS)

SAFeitler:mp 5/12/52
cc: Docket Copy
Operating Committee(2)
Adm. Reading File
Mr. Deitrich, 3526
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

SAFeitler
Houk
Hedges
H E Johnson

MAY 12 1952

Mr. Ion Thompson
Franklin
North Carolina

Subject: Docket No. DMRA-2479 - Mica
Thompson Mine
Macon County, North Carolina

Dear Mr. Thompson:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMRA Field Team, Region VII, Room 13, Post Office Building, Knoxville 1, Tennessee, for further information.

Sincerely yours,

C. O. Mitsendorf (fw) 5/12

Acting Administrator
Defense Minerals Exploration
Administration

SAFEITLER:mp 5/12/52
cc: Field Team, Region VII(2)
Docket Copy
Adm. Reading File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

Please make 3 copies SF.

NATIONAL MINERS' ASSOCIATION

~~[illegible]~~

FRANKLIN, NORTH CAROLINA

A CONFEDERATION OF AMERICAN MINERAL MINERS

POST OFFICE BOX 336

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.

April 26, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 28 1952

Defense Minerals Expl. Adm.
Department of the Interior
Washington 25, D. C.

DMEA-v 479

Attention Mr. C. O. Mittendorf

Re: ~~DMA-2197-A~~

Gentlemen:

Mr. Thompson furnished you with additional data regarding his application for exploratory aid on April 5, 1952. Because of the published mica program he is anxious to proceed and has asked that I inquire as to the present status of his application.

I am informed that both shafts at applicant's mine are open and can easily be inspected by the Field Team. This property adjoins the Noah Gibson and Mill Knob mines and is within one mile of the Lyle Knob Mine; all of which have been excellent producers in the past. The particular location of the Thompson Mine provides the belief that exploration should result in a favorable discovery.

Although Mr. Thompson's application lists three sites on which work will be done, he feels sure that exploration at No. 3 may prove sufficient. Consultation with the Field Team should determine that this is the spot on which to start and it may develope that additional exploration will not be needed; thus reducing costs involved.

I would greatly appreciate it if you will advise me that this application is being forwarded for examination.

Sincerely yours,

Frank Siersma

Frank Siersma

FTS:em

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

April 23, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2479, Lon Thompson, (Mica)

Supplemental data supplied by the above applicant as appears justifies a field team investigation although the Bureau of Mines has very little information on this property.

W. F. Dietrich

W. F. DIETRICH

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 24 1952

IN REPLY REFER TO:

G-MD-JJN

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

April 21, 1952

APR 21 1952

Memorandum

REVIEW OF APPLICATION DMEA-2479, previously DMEA-2197 (Mica).

To: L. G. Houk, Non-Metallic Minerals Division, DMEA
From: J. J. Norton, U. S. Geological Survey
Commodity: Mica.
Applicant: Lon Thompson
Name of property: Thompson prospect.
Location of property: Macon County, North Carolina.
Estimated cost of project: $4,240.
Summary of applicant's proposal: See docket DMEA-2197.
RECOMMENDATION: Refer to field team for a very low priority field examination.
Reasons for recommendation: Applicant has not provided data to show that this project has merit. The earlier application, DMEA-2197, was denied for lack of adequate documentation. Evidently this applicant cannot provide sufficient evidence to show that his property is worth consideration, but on the other hand he cannot take no for an answer. Apparently, however, pegmatite is exposed on the property, and possibly the applicant will be able to show the field team some evidence that exploration may result in the discovery of a significant deposit.

J. J. Norton

J. J. Norton

EXPLORATION

Subject: DMEA-2479
Re: Exploration Loan
Thompson Mine
April 8, 1952

Mr. Lon Thompson
Franklin
North Carolina

My dear Mr. Thompson:

This will acknowledge receipt of your application dated October 24, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2479 and referred to the Non-Metallics Division.

Kindly refer to DMEA-2479 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Administrative Officer

7862

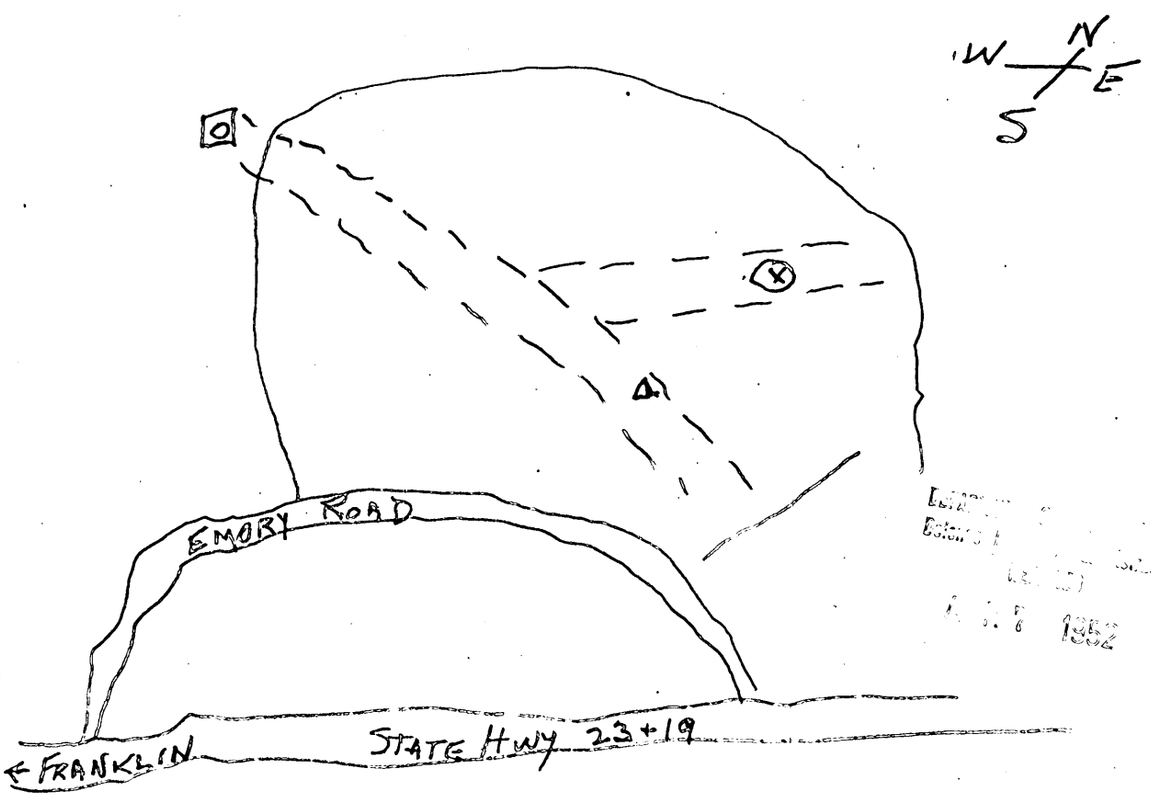
LON THOMPSON ROUTE FRANKLIN, N.C. ~~DMA-2197-A~~ 2479 MICA 4/5/52

additional information requested by C. O. Mittendorf, Actg. Adm. DMEA

IN OCTOBER 1951, 2 SHAFTS WERE DUG BY APPLICANT; EXPOSING PEGMATITE - 3 FEET WIDE AT A DEPTH OF 15 FEET (AT SURFACE - 18"). APPROXIMATELY 400# OF FLAT, HARD RUBY MICA WAS TAKEN OUT; SIZES UP TO 4" x 6". neighboring land, Noah Gobson Mine was worked in last war and $7000.00 worth of mica was sold from it to Colonial Mica Corp., in sheets up to 4" x 8". This opening dips into the Applicant's property and the lead follows across.

The above facts establish excellent proof that exploration as outlined can produce evidence of commercial quantities of mica, suitable for purchase under present Government Stockpile Purchasing Program.

It is requested that application be forwarded to Field Team for their examination.



[o] NOAH GIBSON MINE
== MICA VEIN
(X) SHAFT-15'
Δ SHAFT-10'

(A small sample of sheet mica included herewith; taken out during October 1951).

LON THOMPSON ROUTE FRANKLIN, N.C. DMA-2197-A MICA 4/5/52

additional information requested by C. O. Mittendorf, Actg. Adm. DMEA

IN OCTOBER 1951, 2 SHAFTS WERE DUG BY APPLICANT; EXPOSING PEGMATITE - 3 FEET WIDE AT A DEPTH OF 15 FEET (AT SURFACE - 18"). APPROXIMATELY 400# OF FLAT, HARD RUBY MICA WAS TAKEN OUT; SIZES UP TO 4" x 6". neighboring land, Noah Gobson Mine was worked in last war and $7000.00 worth of mica was sold from it to Colonial Mica Corp., in sheets up to 4" x 8". This opening dips into the Applicant's property and the lead follows across.

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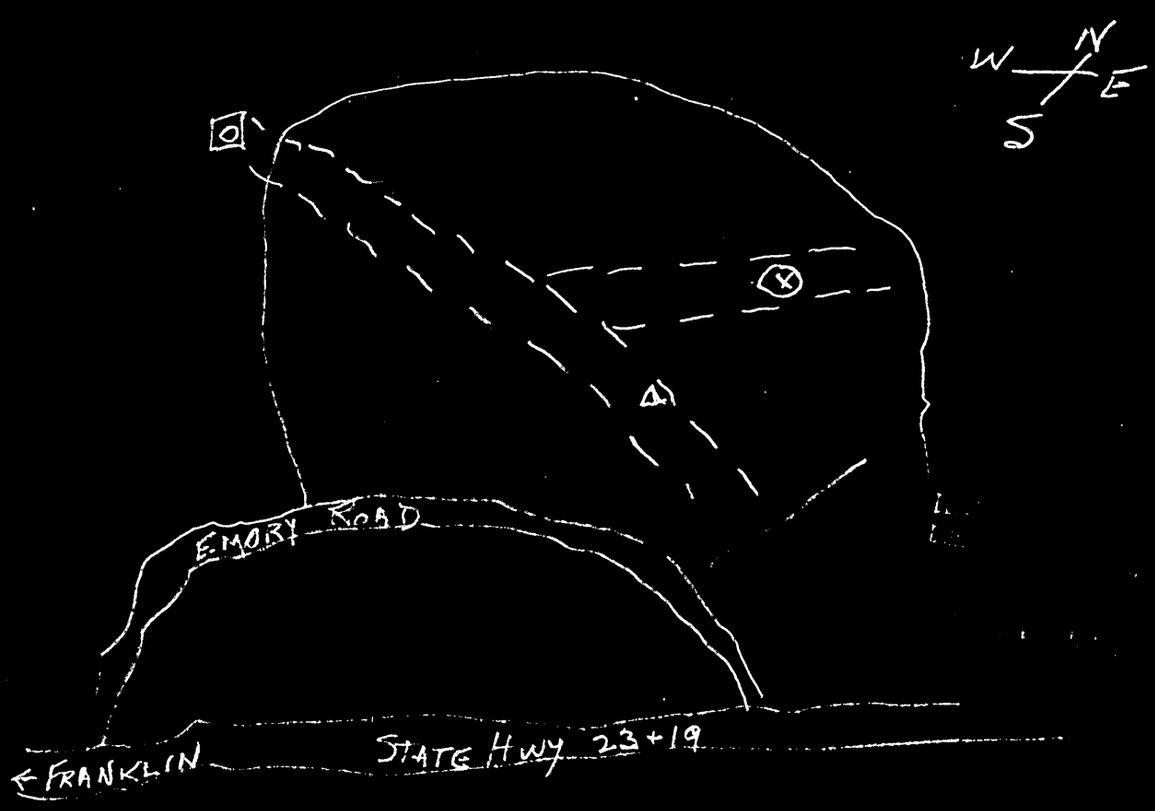

[O] NOAH GIBSON MINE
== MICA VEIN
(X) SHAFT-15'
Δ SHAFT-10'

(A small sample of sheet mica included herewith; taken out during October 1951).

LON THOMPSON ROUTE FRANKLIN, N.C. DMA-~~2197-A~~ 2479 MICA 4/5/52

additional information requested by C. O. Mittendorf, Actg. Adm. DMEA

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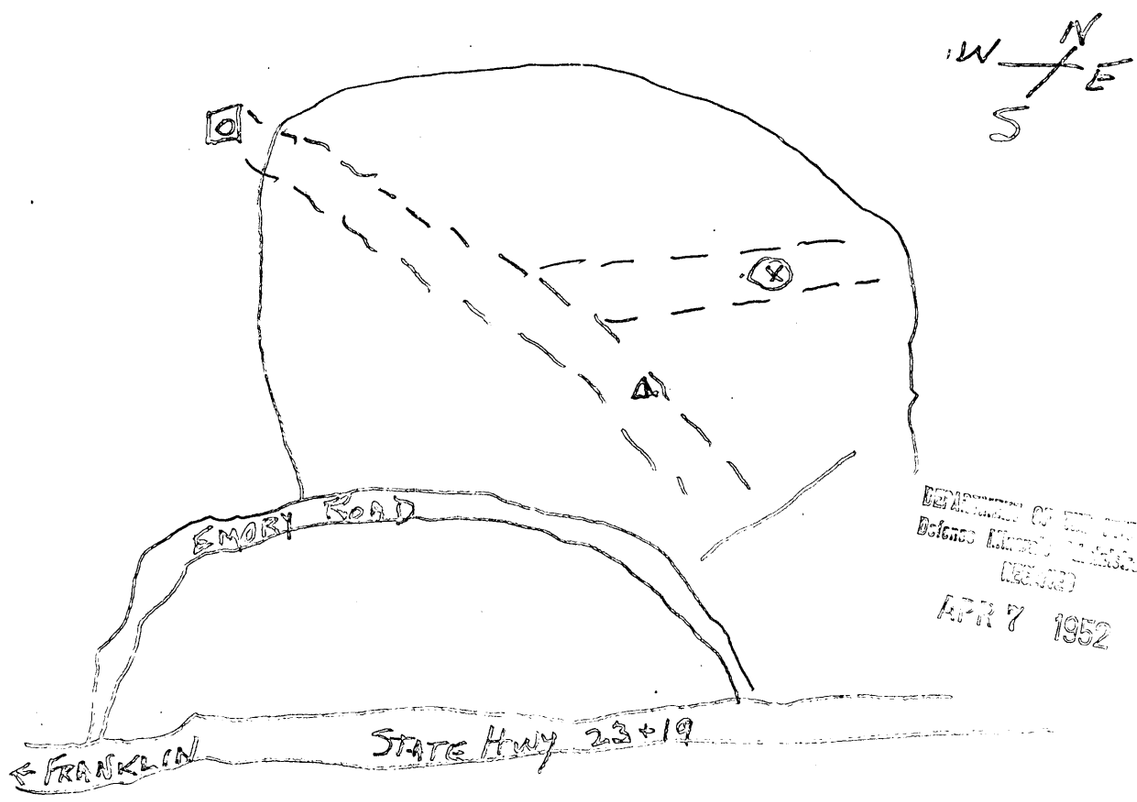


Department of the Interior
Defense Minerals Administration
[illegible]
APR 8 1952

NOAH GIBSON MINE
== MICA VEIN
(X) SHAFT-15'
Δ SHAFT-10'

(A small sample of sheet mica included herewith; taken out during October 1951).

FILE COPY
SURNAME:

600

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

Mr. Fu
Dretsch
Hedges
Houk
R. Johnson

FEB 15 1952

Mr. Lon Thompson
Franklin
North Carolina

Re: DMEA 2197 - Mica
Lon Thompson
Thompson Mine

Dear Mr. Thompson:

Your application for exploration aid on the Thompson Deposit in Macon County, and a letter of November 26, from Mr. Frank Sierman, supplying additional information, have been reviewed in this office.

You have not demonstrated in your proposal and subsequent letter of November 26, evidence to show that the probability of disclosing mineable mica reserves ~~are~~ is sufficiently promising to justify Government participation, nor sufficiently encouraging for a Field Team examination.

The Defense Minerals Exploration Administration wishes to thank you for making this application and regrets that we cannot approve expenditure of U. S. Government funds for the proposed project.

Sincerely yours,

C. O. Mittendorf (fw) 2/15/52

Acting Administrator
Defense Minerals Exploration
Administration

LGHouk/meb
1-11-52
cc to: Adm. Reading File
Mr. Josephson
Mr. Norton
Mr. Houk
Reg. VII(2)
Docket File Copy

Reviewed by
DMEA OPERATING COMMITTEE
1-21-52
(date) (RL)

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

January 5, 1952

Memorandum

To: Non-metallics Division
Defense Minerals Exploration Administration

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

Subject: DMA 2197 - Mica
Lon Thompson
Thompson Mine

I recommend that the subject application be denied because of the improbability of disclosing enough minable mica to justify the cost of exploration; and for the further reason that the estimated cost of supervision is excessive.

W. F. Dietrich
W. F. DIETRICH

I agree the applicant has not submitted sufficient data to warrant further consideration.
J. J. Norton
Jan 15, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 7 1952

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

January 5, 1952

Memorandum

To: Non-metallics Division
Defense Minerals Exploration Administration

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

Subject: DMA 2197 - Mica
Lou Thompson
Thompson Mine

I recommend that the subject application be denied because of the improbability of disclosing enough minable mica to justify the cost of exploration; and for the further reason that the estimated cost of supervision is excessive.

W. F. DIETRICH

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

January 5, 1952

Memorandum

To: Non-metallics Division
Defense Minerals Exploration Administration

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

Subject: DMA 2197 - Mica
Lon Thompson
Thompson Mine

I recommend that the subject application be denied because of the improbability of disclosing enough minable mica to justify the cost of exploration; and for the further reason that the estimated cost of supervision is excessive.

W. F. DIETRICH

WFDietrich/rk

Copy to: Mr. Houk
Paul Zinner - Minerals Division
Ceram. & Fert. Mat. Br.
Minerals Division
F I L E S

NATIONAL MINERS' ASSOCIATION
HIGHLANDS RD. AT MAIN ST.
FRANKLIN, NORTH CAROLINA

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
DEC 3 8 36 AM '51

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

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.

November 26, 1951

Mr. C. O. Mittendorf
Director, DMA
Dept. of the Interior
Washington 25, D. C.

RE: DMA-2197X - MICA
Lon Thompson

Dear Mr. Mittendorf:

Mr. Thompson has asked that I reply to your letter of the 20th regarding his application.

As you probably are aware, I have prepared most of the applications from this district. In each case every effort has been made to furnish all required information, so that your various departments might process them without delay. However, it is sometimes difficult to provide actual data when properties have not been previously operated.

In the main, we know that the entire Franklin District lies within the main mica belt of western North Carolina and known signs of pegmatite presence are common. We are sure that not less than 90% of the block mica in this area is of strategic type. When preparing applications, we make certain of this in considering an applicant's property and further consult with experienced miners as to expected commercial quantities of the ore which might be encountered through exploration.

Mr. Thompson's property shows every evidence of meeting the above qualifications and we trust you will see fit to pass his application for further examination. I have discussed the matter of labor supervisory charges and he is now satisfied he can dispense with the services of a superintendent; thus reducing costs by $500.00.

Because of the long delay in announcement of the mica program I will discontinue my activities here on December 15th, and until about March 1st. Meanwhile, however, if you can offer any suggestions or comments whereby I can assist in pending applications I shall be very glad to receive them, for most of the applicants require assistance.

Sincerely yours,

Frank Siersma

Frank Siersma

FTS:em

FILE COPY
SURNAME:

370

Houk
Barr
Mittendorf

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

NOV 20 1951

Mr. Lon Thompson
Route
Franklin, North Carolina

Subject: DMA-2197X - Mica

Dear Mr. Thompson:

Your application for aid for an exploration project near Franklin, Macon County, North Carolina, has been reviewed by this office.

You have failed to complete form AF-103, in sufficient detail for this office to properly evaluate your proposal. Projects for approval by Defense Minerals Administration must in its judgement, show definite promise of yielding strategic materials of acceptable grade, in sufficient quantities that will significantly improve our mineral position.

Please furnish statement why you believe you will encounter significant amounts of strategic mica in as much as past exploration has failed to produce any.

Your labor supervisory charge appears high. Can you justify this?

When the above information is supplied this office, your proposal will be again reviewed.

Sincerely yours,

C. O. Mittendorf (fw) 11-20

Acting Administrator

IGHOUK:mp
119-51
cc: Administrator's File
Field Team, Region VII (2)
DMA Docket File
Mr. Lyon
Mr. Barr

BL

IN REPLY REFER TO:
G-MD-WRG

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

Memorandum

To: Robert Waskey, Defense Minerals Administration

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

Subject: Application DMA-2197 from Lon Thompson for exploration for mica in Macon County, North Carolina.

This application, DMA-2197 is for $4,240 to be used by Lon Thompson to explore three shows of mica that he has chosen to call The Thompson Mines. The files of the Geological Survey contain no information about this property.

The applicant has commendably tried to show his plans on a map, which is more than many recent applicants have done. Inasmuch as several holes have been dug, without leading to mining --by the applicant's statements-- it would seem reasonable to ask him what evidence there is for the occurrence of strategic mica on the property.

W. R. Griffitts

W. R. Griffitts

Mr. Lon Thompson
Franklin, North Carolina

Subject: DMA-2197
Re: Exploration Loan
Thompson Mine

My dear Mr. Thompson:

This will acknowledge receipt of your application dated October 24, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA- 2197 and referred to the Industrial Minerals Branch.

Kindly refer to DMA- 2197 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. DMEA-2479 ~~DMA-8197~~

Date received ~~10-29-51~~ 4-7-52

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 1951

THOMPSON MINE

LON THOMPSON
ROUTE
FRANKLIN, N.C

Name and address of applicant

Date 10/24/51

FILL IN THIS BLOCK

Date of application 10/24/51

Estimated cost $4,240.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 3½ miles n.e. of Franklin, N. C.

Date of filing MF-100 attached

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

LON THOMPSON
(Name of company)

By Lon Thompson
(Signature of authorized official)

10/24/51
(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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

FORM MF-103 LON THOMPSON, FRANKLIN, N.C. 10/24/51

1. Individual.

4. Applicant has mined and processed minerals for more than 15 years; he will act as Engineer-Superintendent.
Mack Thompson (brother) has over 25 years experience; his will act as Working Foreman.

5. Applicant is owner of property.

6. There are no encumbrances.

9. Applicant will invest 10%; sufficient in accordance with MO-5.

10. The Thompson Mines, No. 1, No. 2 and No. 3, cover an area 1/2 acre wide and 4 acres long (see map attached). This area will be included in the exploration project.
LEGAL DESCRIPTION OF THOMPSON LANDS:

Being the lands as conveyed by deed from W. C. Hyatt and Wife to Lon Thompson, dated November 5, 1942 and recorded in the Office of the Register of Feeds for Macon County, North Carolina, on page 2, in book I-5, on November 5, 1942.

11. PRESENT NAME - THOMPSON MINES; no previous name.

12. Located 3½ miles northeast of Franklin, N.C. (railroad and shipping point); reached by state highway 23 & 19, and improved county road (Emory road). See map attached.

13. Sufficient water on property. No power required.

14. No facilities on property.

15. Block mica, as mined, will be sheeted on property or in Franklin and shipped from there.

16. No operations have occured in the past but several holes have been dug; now all covered. Evidence of mica appears throughout the area. Property is located within the main mica lead and close to several proven mines, the Mill Knob, Bouy, Lyle Knob, etc.

20. Exploration will be conducted to locate STRATEGIC MICA.

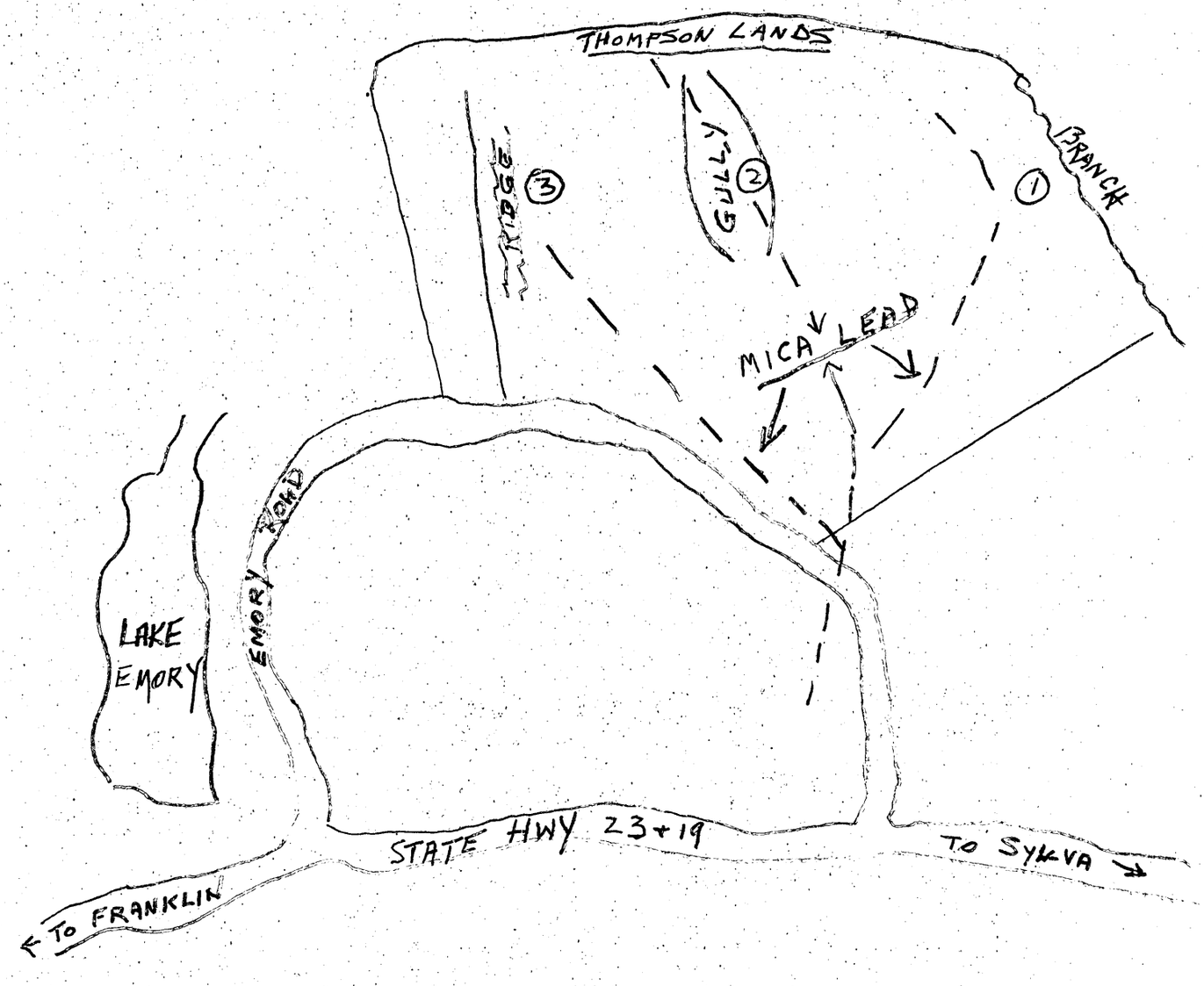
21. PROPOSED WORK IS DESCRIBED ON ATTACHED MAP PAGE.

22. REQUIREMENTS & COST:

Dozer rental - Mine No. 1	30 hrs. @ $10.00	$300.00		
No. 2	20 " "	200.00		
No. 3	50 " "	500.00	$1,000.00	
1 Superintendent-Engineer	25 days @ $20.00 per day		500.00	
1 Working Foreman	30 days @ $15.00		450.00	
2 Laborers Mine No. 1	30 days $10.00 ea.	600.00		
2 Laborers Mine No. 2	15 days 10.00 "	300.00		
3 Laborers Mine No. 3	10 days 10.00 "	300.00	1,200.00	
Jackhammer & Compressor rental	30 days		250.00	
Gasolene & Oil			180.00	
Powder, fuse, exploders, etc.			240.00	
Miscellaneous hand tools			275.00	
Misc. expenses, sampling, taxes, office, etc.			145.00	
Total cost of project				$ 4,240.00

FORM MF-103 LON THOMPSON, FRANKLIN, N.C. (THOMPSON MINES) 10/24/51

LOCATED ON EMORY ROAD; 3½ MILES NORTHEAST OF FRANKLIN (MACON COUNTY) N.C.



PROPOSED WORK & TIME TO COMPLETE:

MINE NO. 1 Dozer work (to face for tunnel) 35 feet long, 25 feet wide, 20 ft. deep. Approx. 3 days.
Tunnel - 35 feet to 75 feet (depending on vein dip). Requires two (2) laborers for 30 days.

MINE NO. 2 Dozer-trenching; 150 feet long, 20 feet wide, 15 feet deep. Then cross-cut vein and drift along same.
Dozer - 2 days. Two (2) laborers - 15 days.

MINE NO. 3 Bulldoze across ridge - 200 feet long, 20 feet wide, 15 feet deep; to expose vein for open pit work.
Dozer - 5 days. Three (3) laborers - 10 days.

THE THREE (3) PROSPECTS COVER AN AREA 1/2 ACRE WIDE AND 4 ACRES LONG. ?

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. DMEA-2479 ~~DMEA 2199~~

Date received ~~10-29-51~~ 4-7-52

THOMPSON MINE

LON THOMPSON
ROUTE
FRANKLIN, N.C.

Name and address of applicant

Date 10/24/51

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. $3\frac{1}{2}$ miles N.E. Franklin, N.C.
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Franklin
   (*d*) County, State. Macon County, N.C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production .....
   If not in production or operation, estimated date when production will begin .....
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: 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: Not in production. Will operate as soon as exploration is completed

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 in past

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.

LON THOMPSON
(Name of company)

By Lon Thompson
(Signature of authorized official)

10/24/51
(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
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. ~~DMA-2497~~ DMEA-2479

Date received ~~10-29-51~~ 4-7-52

Participation

RECEIVED
OCT 29 1951
Defense Minerals Administration
DEPARTMENT OF THE INTERIOR

THOMPSON MINE

LON THOMPSON
ROUTE
FRANKLIN, N.C.

Name and address of applicant

Date 10/24/51

FILL IN THIS BLOCK

Date of application 10/24/51

Estimated cost $4,240.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 3½ miles N.E. of Franklin, N. C.

Date of filing MF-100 attached

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

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7. If lessee, attach a copy of the lease and state if it is in good standing.

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16—64067-1

THE PROPERTY

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State amount of power to be used, rate per hour or other cost, and source.

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*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

LON THOMPSON
(Name of company)

By Lon Thompson
(Signature of authorized official)

10/24/51
(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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

FORM MF-103 LON THOMPSON, FRANKLIN, N.C. 10/24/51

1. Individual.

4. Applicant has mined and processed minerals for more than 15 years; he will act as Engineer-Superintendent.
Mack Thompson (brother) has over 25 years experience; his will act as Working Foreman.

5. Applicant is owner of property.

6. There are no encumbrances.

9. Applicant will invest 10%; sufficient in accordance with MO-5.

10. The Thompson Mines, No. 1, No. 2 and No. 3, cover an area 1/2 acre wide and 4 acres long (see map attached). This area will be included in the exploration project.
LEGAL DESCRIPTION OF THOMPSON LANDS:

Being the lands as conveyed by deed from W. C. Hyatt and Wife to Lon Thompson, dated November 5, 1942 and recorded in the Office of the Register of Deeds for Macon County, North Carolina, on page 2, in book I-5, on November 5, 1942.

11. PRESENT NAME - THOMPSON MINES; no previous name.

12. Located 3½ miles northeast of Franklin, N.C. (railroad and shipping point); reached by state highway 23 & 19, and improved county road (Emory road). See map attached.

13. Sufficient water on property. No power required.

14. No facilities on property.

15. Block mica, as mined, will be sheeted on property or in Franklin and shipped from there.

16. No operations have occured in the past but several holes have been dug; now all covered. Evidence of mica appears throughout the area. Property is located within the main mica lead and close to several proven mines, the Hill Knob, Bouy, Lyle Knob, etc.

20. Exploration will be conducted to locate STRATEGIC MICA.

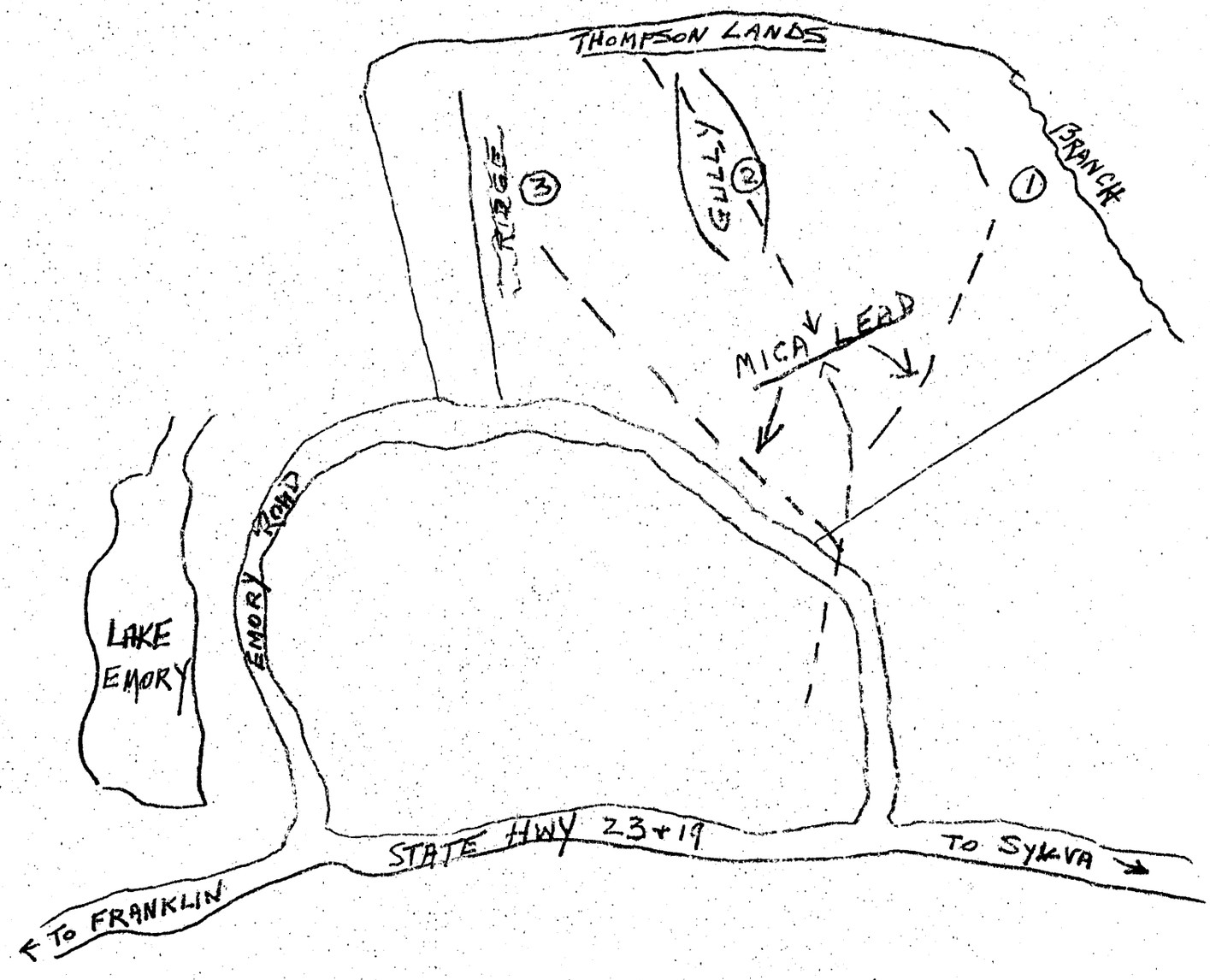
21. PROPOSED WORK IS DESCRIBED ON ATTACHED MAP PAGE.

22. REQUIREMENTS & COST:

Dozer rental -	Mine No. 1	30 hrs.	@ $10.00	$300.00	
	No. 2	20 "	"	200.00	
	No. 3	50 "	"	500.00	$1,000.00
1 Superintendent-Engineer		25 days	@ $20.00 per day		500.00
1 Working Foreman		30 days	@ $15.00		450.00
2 Laborers	Mine No. 1	30 days	$10.00 ea.	600.00	
2 Laborers	Mine No. 2	15 days	10.00 "	300.00	
3 Laborers	Mine No. 3	10 days	10.00 "	300.00	1,200.00
Jackhammer & Compressor rental		30 days			250.00
Gasolene & Oil					180.00
Powder, fuse, exploders, etc.					240.00
Miscellaneous hand tools					275.00
Misc. expenses, sampling, taxes, office, etc.					145.00
Total cost of project					$ 4,240.00

FORM MF-103 LON THOMPSON, FRANKLIN, N.C. (THOMPSON MINES) 10/24/51

LOCATED ON EMORY ROAD; 3½ MILES NORTHEAST OF FRANKLIN (MACON COUNTY) N.C.



PROPOSED WORK & TIME TO COMPLETE:

MINE NO. 1 Dozer work (to face for tunnel) 35 feet long, 25 feet wide, 20 ft. deep. Approx. 3 days.
Tunnel - 35 feet to 75 feet (depending on vein dip). Requires two (2) laborers for 30 days.

MINE NO. 2 Dozer-trenching; 150 feet long, 20 feet wide, 15 feet deep. Then cross-cut vein and drift along same.
Dozer - 2 days. Two (2) laborers - 15 days.

MINE NO. 3 Bulldoze across ridge - 200 feet long, 20 feet wide, 15 feet deep; to expose vein for open pit work.
Dozer - 5 days. Three (3) laborers - 10 days.

THE THREE (3) PROSPECTS COVER AN AREA 1/2 ACRE WIDE AND 4 ACRES LONG.

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. ~~DMEA-2197~~ DMEA-2479

Date received ~~10-29-51~~ 4-7-52

THOMPSON MINE

LON THOMPSON
ROUTE
FRANKLIN, N.C.

Name and address of applicant

Date 10/24/51

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. $3\frac{1}{2}$ miles N.E. Franklin, N.C.
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Franklin
   (*d*) County, State. Macon County, N.C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production: Not in production. Will operate as soon as exploration is completed

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 in past

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.

LON THOMPSON
(Name of company)

By [signature]
(Signature of authorized official)

10/24/51
(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
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. DMEA-2479 ~~DMA 2197~~

Date received ~~10-29-51~~ 4-7-52

Participation

RECEIVED OCT 29 1951 Defense Minerals Administration

LON THOMPSON
ROUTE
FRANKLIN, N.C.

THOMPSON MINE

Name and address of applicant

Date 10/24/51

FILL IN THIS BLOCK

Date of application 10/24/51

Estimated cost $4,240.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 3½ miles N.E. of Franklin, N. C.

Date of filing MF-100 attached

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

LON THOMPSON
(Name of company)

By Lon Thompson
(Signature of authorized official)

10/24/51
(Date)

(Title)

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*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

FORM MF-103 LON THOMPSON, FRANKLIN, N.C. 10/24/51

1. Individual.

4. Applicant has mined and processed minerals for more than 15 years; he will act as Engineer-Superintendent.
Mack Thompson (brother) has over 25 years experience; his will act as Working Foreman.

5. Applicant is owner of property.

6. There are no encumbrances.

9. Applicant will invest 10%; sufficient in accordance with MO-5.

10. The Thompson Mines, No. 1, No. 2 and No. 3, cover an area 1/2 acre wide and 4 acres long (see map attached). This area will be included in the exploration project.
LEGAL DESCRIPTION OF THOMPSON LANDS:

Being the lands as conveyed by deed from W. C. Hyatt and Wife to Lon Thompson, dated November 5, 1942 and recorded in the Office of the Register of Deeds for Macon County, North Carolina, on page 2, in book I-5, on November 5, 1942.

11. PRESENT NAME - THOMPSON MINES; no previous name.

12. Located 3½ miles northeast of Franklin, N.C. (railroad and shipping point); reached by state highway 23 & 19, and improved county road (Emory road). See map attached.

13. Sufficient water on property. No power required.

14. No facilities on property.

15. Block mica, as mined, will be sheeted on property or in Franklin and shipped from there.

16. No operations have occured in the past but several holes have been dug; now all covered. Evidence of mica appears throughout the area. Property is located within the main mica lead and close to several proven mines, the Mill Knob, Bouy, Lyle Knob, etc.

20. Exploration will be conducted to locate STRATEGIC MICA.

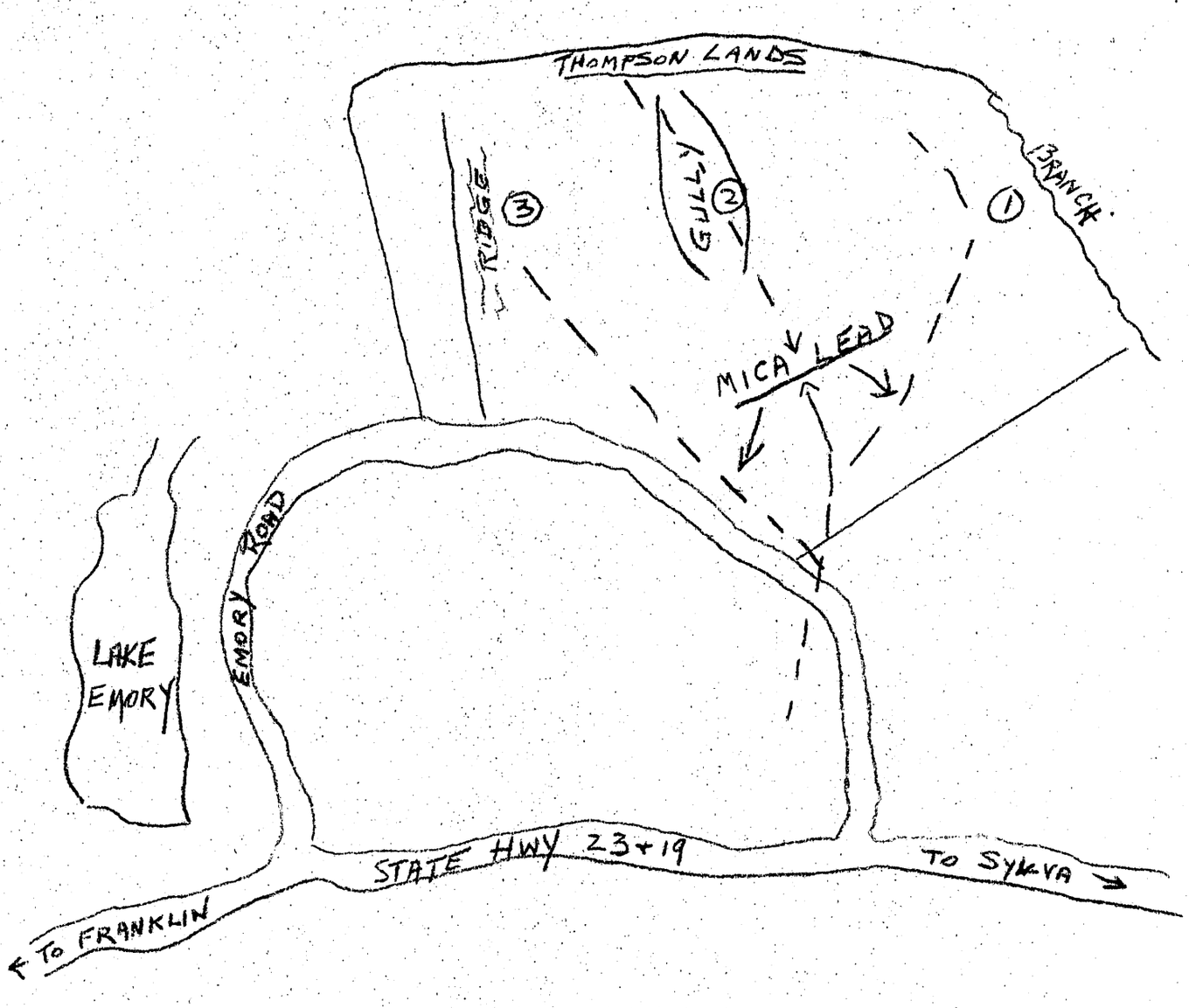
21. PROPOSED WORK IS DESCRIBED ON ATTACHED MAP PAGE.

22. REQUIREMENTS & COST:

Dozer rental - Mine No. 1	30 hrs. @ $10.00	$300.00			
No. 2	20 " "	200.00			
No. 3	50 " "	500.00	$1,000.00		
1 Superintendent-Engineer	25 days @ $20.00 per day			500.00	
1 Working Foreman	30 days @ $15.00			450.00	
2 Laborers	Mine No. 1	30 days $10.00 ea.	600.00		
2 Laborers	Mine No. 2	15 days 10.00 "	300.00		
3 Laborers	Mine No. 3	10 days 10.00 "	300.00	1,200.00	
Jackhammer & Compressor rental	30 days			250.00	
Gasolene & Oil				180.00	
Powder, fuse, exploders, etc.				240.00	
Miscellaneous hand tools				275.00	
Misc. expenses, sampling, taxes, office, etc.				145.00	
Total cost of project					$ 4,240.00

FORM MF-103 LON THOMPSON, FRANKLIN, N.C. (THOMPSON MINES) 10/24/51

LOCATED ON EMORY ROAD; 3½ MILES NORTHEAST OF FRANKLIN (MACON COUNTY) N.C.



PROPOSED WORK & TIME TO COMPLETE:

MINE NO. 1 Dozer work (to face for tunnel) 35 feet long, 25 feet wide, 20 ft. deep. Approx. 3 days.
Tunnel - 35 feet to 75 feet (depending on vein dip). Requires two (2) laborers for 30 days.

MINE NO. 2 Dozer-trenching; 150 feet long, 20 feet wide, 15 feet deep. Then cross-cut vein and drift along same.
Dozer - 2 days. Two (2) laborers - 15 days.

MINE NO. 3 Bulldoze across ridge - 200 feet long, 20 feet wide, 15 feet deep; to expose vein for open pit work.
Dozer - 5 days. Three (3) laborers - 10 days.

THE THREE (3) PROSPECTS COVER AN AREA 1/2 ACRE WIDE AND 4 ACRES LONG.

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. DMEA-2479 ~~dmea-2197~~

Date received ~~10-29-51~~ 4-7-52

THOMPSON MINE

LON THOMPSON
ROUTE
FRANKLIN, N.C.

Name and address of applicant

Date 10/24/51

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. 3½ miles N.E. Franklin, N.C.
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Franklin
   (*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:
   - [x] 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: Not in production. Will operate as soon as exploration is completed

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 in past

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.

LON THOMPSON
(Name of company)

By Lon Thompson
(Signature of authorized official)

10/24/51
(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

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Actg. Administrator

Defense Minerals Expl. Adm.
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