DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2527

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 Copies to USBM, USGS, and Region VII.

To:	Code 600, Rm. 4637	Date	5-14-52
To:	Fetter	Date	5/15/52
To:	Opp Com.	Date	7-11-52
To:	Opp Com	Date	7-14-52
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DO NOT DETACH

CONTROLLED DOCUMENT

August 25, 1952

Memorandum

To: Acting Administrator

From: Nonmetallic Minerals Division

Subject: Docket No. DMEA-2527 - Mica
Dead Timber Ridge Mine
Jackson County, North Carolina

Recommendation - Denial

Application dated May 10, 1952, submitted by Dexter Hall of Greens Creek, North Carolina
Program proposed:
4 - 25 foot shafts with short drifts from the bottom of each.
U.S.B.M. Memorandum 5/21/52 - Field referral
U.S.G.S. Memorandum 6/24/52 - Field referral
Letter to Mr. Robert A. Laurence 7/15/52 requesting field examination.
Field Report received 8/13/52 - recommends denial as mica is defective although ruby and hard.
U.S.G.S. Memorandum 8/18/52 - recommends denial
U.S.B.M. Memorandum 8/25/52 - recommends denial

Stanley A. Feitler
Nonmetallic Minerals Division

SAFeitler:gad

Copy to: Admin. Reading File
Docket File
Mr. Houk

600

AUG 29 1952

Mr. Baxter Hall
Greens Creek
Jackson County, North Carolina

Subject: Docket No. DMEA-2527 - Mica
Dead Timber Ridge Mine
Jackson County, North Carolina

Dear Mr. Hall:

Reference is made to the subject application for exploration assistance at the Dead Timber Ridge Mine on your property in Jackson County, North Carolina.

A careful analysis of the information available to the Defense Minerals Exploration Administration staff indicates that the probability of making a significant discovery of strategic mica at the Dead Timber Ridge Mine is not sufficiently encouraging to justify Government participation in your proposed exploration project.

In view of the foregoing, your application for exploration assistance is denied. Thank you for your interest in the defense effort.

Sincerely yours,

C. O. Mittendorf

Acting Administrator

SAFeitler:gad 8/28/52

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

FILE COPY.
SURNAME:

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

SFeitler
Rush
Lemmon
Colyer
HBeller

AUG 29 1952

Mr. Dexter Hall
Greens Creek
Jackson County, North Carolina

Subject: Docket No. DMEA-2527 - Mica
Dead Timber Ridge Mine
Jackson County, North Carolina

Dear Mr. Hall:

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A careful analysis of the information available to the Defense Minerals Exploration Administration staff indicates that the probability of mining a significant discovery of strategic mica at the Dead Timber Ridge Mine is not sufficiently encouraging to justify Government participation in your proposed exploration project.

In view of the foregoing, your application for exploration assistance is denied. Thank you for your interest in the defense effort.

Sincerely yours,

C. O. Mittendorf (for) SH 8.29.52

Acting Administrator

SAFeitler:gad 8/28/52

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

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

August 28, 1952

Memorandum

To: Acting Administrator

From: Nonmetallic Minerals Division

Subject: Docket No. DMEA-2527 - Mica
Dead Timber Ridge Mine
Jackson County, North Carolina

Recommendation - Denial

Application dated May 10, 1952, submitted by
Dexter Hall of Greens Creek, North Carolina
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Stanley A. Feitler

Stanley A. Feitler
Nonmetallic Minerals Division

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

August 28, 1952

Memorandum

To: Acting Administrator

From: Nonmetallic Minerals Division

Subject: Docket No. DMEA-2527 - Mica
Dead Timber Ridge Mine
Jackson County, North Carolina

Recommendation - Denial

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S A Feitler

Stanley A. Feitler
Nonmetallic Minerals Division

FILE COPY
SURNAME:

S Feitler
Houk
Lemmon
Johnson
Miller

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

August 28, 1952

Memorandum

To: Acting Administrator

From: Nonmetallic Minerals Division

Subject: Docket No. DMEA-2527 - Mica
Dead Timber Ridge Mine
Jackson County, North Carolina

Recommendation - Denial

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U.S.B.M. Memorandum 8/25/52 - recommends denial

Stanley A. Feitler
Nonmetallic Minerals Division

SAFeitler:gad

Copy to: Admin. Reading File
Docket File
Mr. Houk

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

Mr Butler

August 25, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2527, Mica, Dead Timber Ridge Mine,
Jackson County, North Carolina

I concur in the field team's recommendation to deny subject application on the basis that little strategic grade mica could be obtained from this deposit.

W. F. Dietrich

W. F. Dietrich

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 26 1952

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

August 25, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2527, Mica, Dead Timber Ridge Mine,
Jackson County, North Carolina

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W. F. Dietrich

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 26 1952

IN REPLY REFER TO:
G-MD-CNM

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

August 18, 1952

S.A.F.

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2527 (Mica)

To: L. W. Houk, Defense Minerals Exploration Administration
From: P. L. Weis, U. S. Geological Survey
Applicant: Dexter Hall
Name of property: Dead Timber Ridge Mine
Location of property: Green Creek, Jackson County, North Carolina
Date of field team report: July 13, 1952
Authorship of field team report: A. L. Peyton and K. H. Teague
Field team's recommendation: Denial
Comments: None
ACTION SUGGESTED:
Follow field team's recommendation.

Paul L. Weis

Paul L. Weis

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
AUG 19 1952

IN REPLY REFER TO:
G-MD-CNM

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

August 18, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2527 (Mica)

To: L. W. Houk, Defense Minerals Exploration Administration
From: P. L. Weis, U. S. Geological Survey
Applicant: Dexter Hall
Name of property: Dead Timber Ridge Mine
Location of property: Green Creek, Jackson County, North Carolina
Date of field team report: July 13, 1952
Authorship of field team report: A. L. Peyton and K. H. Teague
Field team's recommendation: Denial
Comments: None
ACTION SUGGESTED:
Follow field team's recommendation.

Paul L. Weis

copy to: Dir's r. file
Branch r. file
DMEA
Norton files G-230
Weis "

Weis:bkg
G-8/18/52

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

Room 1, Post Office Building
Knoxville, Tennessee

August 12, 1952

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, Region 7

Subject: DMEA-2527, Field Team Report.

Attached are the original and 3 copies of the above subject field examination. The Field Team concurs in the denial of this application.

Wm. A. Beck, Acting
Executive Officer, Field Team
Region VII

Benjamin Gildersleeve
U. S. Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA #2527, DEAD TIMBER RIDGE MINE, (mica)
Dexter Hall-applicant
Green Creek, Jackson County, N. C.

13

By

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

-

-

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

July 13, 1952

Reviewed by
DMEA OPERATING COMMITTEE
8-18-52
(date)

Report of Field Examination on
DMEA-2527, DEAD TIMBER RIDGE MINE, (Mica)

Dexter Hall - Applicant
Green Creek, Jackson County, N. C.

Mica at this place has been obtained from a pegmatite 4-8 feet thick. The mica appears to be concentrated against a quartz core. All mica examined is badly cracked, bent, and contains numerous reeves. Much of it shows "A" structure. The Field Team does not believe that sufficient mica of strategic grade can be obtained from this deposit to justify an exploration loan.

This examination was made on July 31, 1952. The Field Team spent four hours on the property, and were accompanied on the examination by Dexter Hall.

The Dead Timber Ridge mine, which lies 7.0 miles S. 10° W. of Sylva, N. C., is on the west side of and near the top of Dead Timber Ridge. It can be reached over a road up Tatham Creek and thence over a logging road up toward Dead Timber Ridge Gap. The workings consist of a series of crosscuts, pits, and trenches, which extends for 1/4 mile from creek level to the top of the ridge in a N. 50° W. direction. Most of the work has been done in and near a shaft which lies 250 feet from the crest of the ridge and in several drifts which are 350 feet from the northwestern end of the workings. These drifts were run along two pegmatites, but the workings uphill appear to be in a single body. Nearly all the workings are badly caved.

Recently Hall had several bulldozer cuts made along and across the pegmatite zone. In these exposures the pegmatite ranges in thickness from 2 to 4 feet and the mica is concentrated in the thicker portions of the pegmatite against the quartz core.

The country rock is granetiferous biotite gneiss, interlayered with biotite schist. Near the pegmatite contacts the foliations is contorted, but the average strike appears to be N. 20° E. and the dip 80° WNW. Locally the foliation is parallel to the pegmatite contacts. The rock is somewhat stained by iron oxide.

The pegmatite body, which strikes N. 50° W. and dips 80° SW., is 2 to 8 feet thick. At the northwestern end of the workings it appears to split into two arms that are about 75 feet apart. A quartz core 8 inches thick lies near the hanging wall contact. The dumps contain blocks of massive quartz as much as several feet thick, many of which

are fringed by book mica. Some book mica is also concentrated near the hanging-wall contact with the gneiss, but in general the wall zone consists of minor muscovite, quartz, microcline, and plagioclase.

Mica is ruby colored and hard. Most of it is bent, cracked, wavy and contains much "A". The Field Team is of the opinion that little mica of strategic grade could be obtained from this deposit, therefore the loan should be denied.

July 31, 1952

A. N. Peyton, USBM

K. H. Teague, USGS

FILE COPY
SURNAME:

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

JUL 15 1952

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

Subject: Docket No. DMEA-2527 - Mica
Dead Timber Ridge Mine
Jackson County, North Carolina

Dear Mr. Laurence:

This letter refers to the subject application for assistance in exploring for mica at the Dead Timber Ridge Mine in Jackson County, North Carolina.

A field examination is needed to determine whether the property has sufficient merit to warrant assistance by this agency. If favorable, the report should include a definite program with cost estimates. From the data now available, the method of approach proposed by the applicant may need revision. The Field Team should recommend a suitable program and determine the approximate location of the ground to be explored on the property under lease. If this cannot readily be done, a statement to that effect should be included.

It is our understanding that the buying station at Spruce Pine has been established and samples of mica may be appraised there by the inspectors.

A copy of the application is in your files and we include a copy each of the pertinent memoranda from the U. S. Bureau of Mines and the U. S. Geological Survey.

Sincerely yours,

George C. Selfridge

ACTING Chairman, Operating Committee
Defense Minerals Exploration Administration

Approved:

J. H. Hedges (JHB)

Member, Bureau of Mines

T. P. Thayer (JHB)

Member, Geological Survey

Enclosures 2

SAFeitler:mp 7/14/52
cc: Adm. Reading File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

FILE COPY
SURNAME:

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

JUL 15 1952

Mr. Baxter Hall
Greens Creek
Jackson County, North Carolina

Subject: Docket No. DMEA-527 - Mica
Dead Timber Ridge Mine
Jackson County, North Carolina

Dear Mr. Hall:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 01, Tennessee, for further information.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:gad 7/9/52

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-527, DEAD TIMBER RIDGE MINE, (mica)
Dexter Hall-applicant
Green Creek, Jackson County, N. C.

By

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

-

-

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

July 13, 1952

Report of Field Examination on
DMEA-257, DEAD TIMBER RIDGE MINE, (Mica)

Dexter Hall - Applicant
Green Creek, Jackson County, N. C.

Mica at this place has been obtained from a pegmatite 4-8 feet thick. The mica appears to be concentrated against a quartz core. All mica examined is badly cracked, bent, and contains numerous reeves. Much of it shows "A" structure. The Field Team does not believe that sufficient mica of strategic grade can be obtained from this deposit to justify an exploration loan.

This examination was made on July 31, 1952. The Field Team spent four hours on the property, and were accompanied on the examination by Dexter Hall.

The Dead Timber Ridge mine, which lies 7.0 miles S. 10° W. of Sylva, N. C., is on the west side of and near the top of Dead Timber Ridge. It can be reached over a road up Tatham Creek and thence over a logging road up toward Dead Timber Ridge Gap. The workings consist of a series of crosscuts, pits, and trenches, which extends for 1/4 mile from creek level to the top of the ridge in a N. 50° W. direction. Most of the work has been done in and near a shaft which lies 250 feet from the crest of the ridge and in several drifts which are 350 feet from the northwestern end of the workings. These drifts were run along two pegmatites, but the workings uphill appear to be in a single body. Nearly all the workings are badly caved.

Recently Hall had several bulldozer cuts made along and across the pegmatite zone. In these exposures the pegmatite ranges in thickness from 2 to 4 feet and the mica is concentrated in the thicker portions of the pegmatite against the quartz core.

The country rock is granetiferous biotite gneiss, interlayered with biotite schist. Near the pegmatite contacts the foliations is contorted, but the average strike appears to be N. 20° E. and the dip 80° WNW. Locally the foliation is parallel to the pegmatite contacts. The rock is somewhat stained by iron oxide.

The pegmatite body, which strikes N. 50° W. and dips 60° SW., is 2 to 8 feet thick. At the northwestern end of the workings it appears to split into two arms that are about 75 feet apart. A quartz core 8 inches thick lies near the hanging wall contact. The dumps contain blocks of massive quartz as much as several feet thick, many of which

are fringed by book mica. Some book mica is also concentrated near the hanging-wall contact with the gneiss, but in general the wall zone consists of minor muscovite, quartz, microcline, and plagioclase.

Mica is ruby colored and hard. Most of it is bent, cracked, wavy and contains much "A". The Field Team is of the opinion that little mica of strategic grade could be obtained from this deposit, therefore the loan should be denied.

July 31, 1952

A. L. Peyton, USBM

K. H. Teague, USGS

May 21, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Robert D. Thomson, Commodity Specialist
Ceramic and Fertilizer Materials Branch

Subject: DMEA-2527, Dexter Hall (Dead Timber Ridge Mine)
Greens Creek, Jackson County, N. C. (Mica).

On the basis of the applicants description of past operations and present exposures, a field team investigation is recommended. The Geological Survey (Professional Paper 225, p. 62) tested 17 pieces of mica indicating 100 percent of E-1 capacitor quality and color was classed as pale cinnamon brown, generally acceptable as ruby mica. Applicant claims to have sold 2,131 pounds of punch mica and 11 pounds of circle mica since March 1, 1952. Dexter Hall has an excellent reputation as an operator and has conducted previous explorations successfully.

Robert D. Thomson

IN REPLY REFER TO:
G-MD-PLW

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

June 24, 1952

Memorandum

REVIEW OF APPLICATION DMEA-2527 (Mica)

To: L. G. Houk, Non-Metallic Minerals Division, DMEA
From: P. L. Weis, U. S. Geological Survey
Applicant: Dexter Hall
Name of property: Dead Timber Ridge Mine
Location of property: Johnson County, North Carolina
Estimated cost of project: $3,140
Summary of applicant's proposal:
Sink four test pits to depths of 25 feet, and extend drifts 3 to 10 feet along pegmatite at the bottom of each pit.
Sources of information on applicant's property:
Jahns, R. H. Unpublished professional paper on pegmatites of the Blue Ridge. U. S. Geological Survey, 1952.
Comments:
According to Jahns, the deposit contains some light brown, cracked, ruled, wavey and stained mica. This application should probably be denied, but the field team should have a look at it to be sure.

RECOMMENDATION:
Examination by field team.

Paul L. Weis

Weis:bkg
G-6/24/52
cc: Dir's r. file
Branch r. file
DMEA
Weis, G-228, GSA Bldg.
Norton, G-230 " "

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

May 21, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Robert D. Thomson, Commodity Specialist
Ceramic and Fertilizer Materials Branch

Subject: DMEA-2527, Dexter Hall (Dead Timber Ridge Mine)
Greens Creek, Jackson County, N. C. (Mica).

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Robert D. Thomson
Robert D. Thomson

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 21 1952

IN REPLY REFER TO:
G-MD-PLW

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

June 24, 1952

S.A.7.

Memorandum

REVIEW OF APPLICATION DMEA-2527 (Mica)

To: L. G. Houk, Non-Metallic Minerals Division, DMEA
From: P. L. Weis, U. S. Geological Survey
Applicant: Dexter Hall
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Comments:
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RECOMMENDATION:
Examination by field team.

Paul L. Weis

Paul L. Weis

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 25 1952

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. DMEA-2527
Metal or Mineral
Date Received 5-13-52
Amount $
Participation (Government %)

DEXTER HALL
GREENS CREEK
JACKSON COUNTY
NORTH CAROLINA

DEAD TIMBER RIDGE MINE

Name and address of applicant

Date MAY 10, 1952

If you have already filed MF-100, give date filed attached hereto, 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 areas are the same

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract. 5 copies attached (Owner's Consent to Lien)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 13 1952

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

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.

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

   (*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.

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.

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

    (*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)?

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.

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

5/10/52
(Date)

LESSEE
(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 DEXTER HALL GREENS CREEK (JACKSON CO.) N. C. 5/10/52

DEAD TIMBER RIDGE MINE APPLICATION FOR EXPLORATORY AID - MICA

1. Description of property, legal description & copy of lease attached. Both areas are the same.

2. Expect to find commercial ore bodies of STRATEGIC RUBY MICA. A small amount of work was done on this property during the last war. U.S. Geological Survey Professional Paper 225 (1950) reports:

   Type of material - "washer"
   Color - Pale Cinnamon Brown
   Percentage of mineral stain - 0
   17 pcs. tested - 100% B-2

   Applicant commenced exploratory work late February 1952, cutting a dozer-trench over vein which is now exposed for a length of about 30 feet, 20 feet deep and 16 feet wide. At east end, a cross cut was made 75 feet long, 15 feet deep and 12 feet wide; with 4'x4' pit 8' deep into pegmatite. As exposed, the vein is approximately 7 feet wide. Approximately 7 tons of scrap mica has been sold; block mica in large quantity has been set aside for sheeting and sale to GSA. 2131 lbs. of punch and 11 lbs. of circle mica has been sold to the Asheville Mica Company buyer at Franklin, N. C., since March 1, 1952.

   The pegmatite consists of flint, clay, feldspar and mica. All of the mica recovered is RUBY; some blocks weighing up to 50 pounds and, in size, 11" x 14".

   See sketches attached herewith.

   Further exploration requires the use of air compressor and hammer to sink additional test pits . Applicant believes this work will then establish the existence of commercial ore bodies capable of filling requirements under present mica program. See sketches.

3. Four (4) test pits will be sunk into present exposed pegmatite for a depth of 25 feet each and short drifts from each - to establish at least such size of pegmatite (see sketches of proposed work). Cost is approximated at a total of $3140.00.
   Work will start immediately upon signing of contract and will be completed in 40 working days (2 months).

4. Sketches of property, present workings, etc., are attached.

5. There are no existing facilities on the property other than a crude building which will require $250.00 to reconstruct for housing of equipment, tools etc.

6. None, other than stated in 5.

7. (a) Rental of bulldozer $ 400.00
   Air Compressor (2 months) 350.00
   Jackhammer (2 months) 100.00

8. 1 - Working Foreman, 40 days @ $12.00 480.00
   4 - Miners and/or muckers, $8.00 per day each - 40 days each 1280.00

9.
   Miscellaneous Hand Tools 60.00
   Supplies - Gas, Oil, Exploders, Powder etc. 160.00
   Social Security Taxes 15.00
   Accounting 45.00

10. Applicant will invest 10% of cost; sufficient as per MO-5.

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-2527

Date received 5-13-52

DEXTER HALL
GREENS CREEK
JACKSON COUNTY
NORTH CAROLINA

DEAD TIMBER RIDGE MINE

Name and address of applicant

Date 5/10/52

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? RUBY 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. 12½ MILES ~~SW~~ SE OF FRANKLIN, N.C.
   (*b*) Mining district. FRANKLIN
   (*c*) Township, Section, Range. TAHALL CREEK
   (*d*) County, State. JACKSON 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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 13 1952

16—63792-2

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: APPLICATION FOR EXPLORATORY AID IS BEING SUBMITTED HEREWITH. PRODUCTION WILL START UPON APPROVAL OF SAID.

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 AT PRESENT (4 MINERS WHEN PRODUCTION STARTS)

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.

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

5/10/52
(Date)

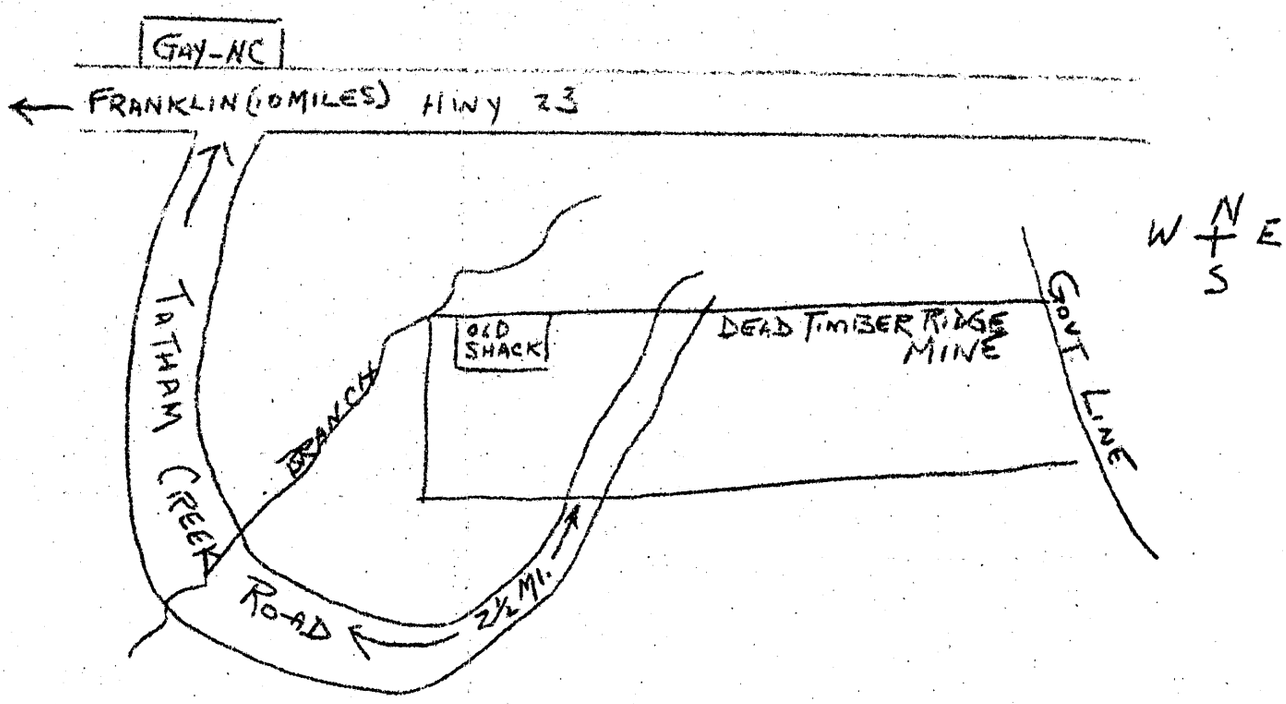
LESSEE
(Title)

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.

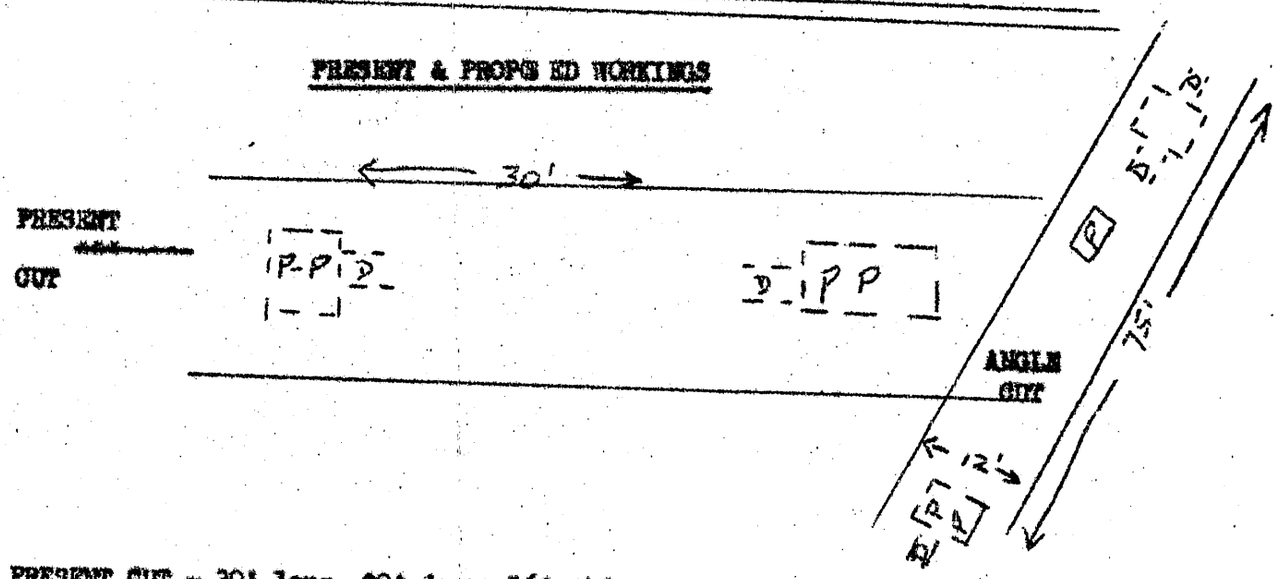
U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

MF-103 DEXTER HALL GREENS CREEK (JACKSON CO.) N. C. 5/10/52

DEAD TIMBER RIDGE MINE 2½ MILES SE OF GAY, N.C. 12½ MILES - FRANKLIN



PRESENT & PROPOSED WORKINGS



PRESENT CUT - 30' long, 20' deep, 16' wide.
IN THIS CUT VEIN IS 7' WIDE.

PRESENT CUT & ANGLE CUT ARE ENTIRELY IN PEGMATITE.

- P - PIT ~~[illegible]~~'.

- PP - PROPOSED PITS. 25' DEEP EACH.

- D - PROPOSED DRIFTS. 3' TO 10' EACH.

MF-103 DEXTER HALL GREENS CREEK, N.C. DEAD TIMBER RIDGE MINE LEASE COPY

THIS LEASE AGREEMENT, Made and entered into this 25th day of February, 1952 by and between Emily Weigh Tompkins and Annie Tompkins, parties of the first part, being the heirs of W. F. Tompkins, and Dexter Hall, party of the second part, all of Jackson County, North Carolina,

WITNESSETH, that subject to the terms and conditions hereinafter set forth the said parties of the first part have let and leased unto the party of the second part, his heirs and assigns, the exclusive right and privilege to mine, dig and remove all minerals now in, under and upon a certain tract or parcel of land lying and being in Jackson County, N. C., and more particularly described as follows:

BEING the lands conveyed by deed dated March 15, 1890, from A. A. Isbell to W. F. Tompkins, known as Dead Timber Ridge Mine, and recorded in the Office of the Register of Deeds for Jackson County in Book 14, page 522.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. Unless sooner terminated as herein provided, this lease shall exist and continue for a period of five (5) years from date hereof; however, it is mutually agreed, that, upon compliance with its terms and conditions, same shall be extended from year to year thereafter.

2. As rental or royalty, the party of the second part shall pay to the parties of the first part a sum equal to twelve percent (12%) of all sheet, pattern or block mica, Two Dollars ($2.00) per ton for all scrap mica, and the usual royalty for all other minerals mined and sold from said property.

3. All royalties shall be paid on the 20th day of each calendar month following the production, sale and receipt of the sale price of mined minerals.

4. The party of the second part shall keep an accurate record of all sales and same shall be open to the inspection of the parties of the first part.

5. The party of the second part, his heirs and assigns, agree to conduct mining operations upon said property for a period of not less than eight (8) months each year this lease remains in force and effect.

6. In the event the party of the second part should apply for a government loan to prospect or operate this property the parties of the first part hereby authorize Dexter Hall to execute any required agreements in connection with same, in the name of the parties of the first part and as their Attorney in Fact; and, in such event, the provisions stated in paragraph 5 above, shall be subject to such agreements.

7. So long as this lease remains in force the parties of the first part, their heirs and assigns, grant unto the party of the second part, his heirs and assigns, the following rights and privileges:

(a) The right to use the surface of said lands to the full extent that such use is reasonable, convenient or necessary in mining and removing the minerals from said lands and to use any portion of said surface for the purpose of dumping mine refuse and tailings as may be reasonably necessary or convenient.

(b) The right to construct and place upon said lands, buildings and machinery, and to remove same.

(c) The right to cut and use upon said lands, for the purposes herein set out, any standing timber thereon at the time of such use.

(d) The right to use any water upon said property as may be necessary in the course of mining operations.

(e) The right to construct and maintain roads in such locations as may be deemed necessary by the party of the second part, and complete right of ingress, egress and regress to and from such portions of said property where mining operations are in progress or to be conducted.

(f) The right to do all things convenient and reasonably necessary, as usual in mining operations.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and affixed their seals the day and year first above written.

s/ Emily Weigh Tompkins (SEAL)
Annie Tompkins Dexter Hall

(Recorded 2/28/52, Book 189, Page 402)

EXPLORATION

Subject: DMEA-2527
Re: Exploration Loan
Dead Timber Ridge Mine
May 14, 1952

Mr. Dexter Hall
Greens Creek
Jackson County, North Carolina

My dear Mr. Hall:

This will acknowledge receipt of your application dated May 10, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2527 and referred to the Non-Metallics Division.

Kindly refer to DMEA-2527 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Administrative Officer

7862

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. DMEA-2527
Metal or Mineral
Date Received 5-13-52
Amount $
Participation (Government %)

DEXTER HALL
GREENS CREEK
JACKSON COUNTY
NORTH CAROLINA

DEAD TIMBER RIDGE MINE

Name and address of applicant

Date MAY 10, 1952

If you have already filed MF-100, give date filed attached hereto, 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 areas are the same

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract. 5 copies attached (Owner's Consent to Lien)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 13 1952

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

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.

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

   (*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.

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.

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

    (*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)?

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.

DEXTER HALL	By Dexter Hall
(Name of company)	(Signature of authorized official)
5/10/52	LESSEE
(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 DEXTER HALL GREENS CREEK (JACKSON CO.) N. C. 5/10/52

DEAD TIMBER RIDGE MINE APPLICATION FOR EXPLORATORY AID - MICA

1. Description of property, legal description & copy of lease attached. Both areas are the same.

2. Expect to find commercial ore bodies of STRATEGIC RUBY MICA. A small amount of work was done on this property during the last war. U.S. Geological Survey Professional Paper 225 (1950) reports:

   Type of material - "washer"
   Color - Pale Cinnamon Brown
   Percentage of mineral stain - 0
   17 pcs. tested - 100% E-2

   Applicant commenced exploratory work late February 1952, cutting a dozer-trench over vein which is now exposed for a length of about 30 feet, 20 feet deep and 16 feet wide. At east end, a cross cut was made 75 feet long, 15 feet deep and 12 feet wide; with 4'x4' pit 8' deep into pegmatite. As exposed, the vein is approximately 7 feet wide. Approximately 7 tons of scrap mica has been sold; block mica in large quantity has been set aside for sheeting and sale to GSA. 2131 lbs. of punch and 11 lbs. of circle mica has been sold to the Asheville Mica Company buyer at Franklin, N. C., since March 1, 1952.

   The pegmatite consists of flint, clay, feldspar and mica. All of the mica recovered is RUBY; some blocks weighing up to 50 pounds and, in size, 11" x 14".

   See sketches attached herewith.

   Further exploration requires the use of air compressor and hammer to sink additional test pits . Applicant believes this work will then establish the existence of commercial ore bodies capable of filling requirements under present mica program. See sketches.

3. Four (4) test pits will be sunk into present exposed pegmatite for a depth of 25 feet each and short drifts from each - to establish at least such size of pegmatite (see sketches of proposed work). Cost is approximated at a total of $3140.00.
   Work will start immediately upon signing of contract and will be completed in 40 working days (2 months).

4. Sketeches of property, present workings, etc., are attached.

5. There are no existing facilities on the property other than a crude building which will require $250.00 to reconstruct for housing of equipment, tools etc.

6. None, other than stated in 5.

7. (a) Rental of bulldozer $ 400.00
   Air Compressor (2 months) 350.00
   Jackhammer (2 months) 100.00

8. 1 - Working Foreman, 40 days @ $12.00 480.00
   4 - Miners and/or muckers, $8.00 per day each - 40 days each 1280.00

9.
   Miscellaneous Hand Tools 60.00
   Supplies - Gas, Oil, Exploders, Powder etc. 160.00
   Social Security Taxes 15.00
   Accounting 45.00

10. Applicant will invest 10% of cost; sufficient as per MO-5.

2890.00
250
3140.00

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-2527

Date received 5-13-52

DEAD TIMBER RIDGE MINE

DEXTER HALL
GREENS CREEK
JACKSON COUNTY
NORTH CAROLINA

Name and address of applicant

Date 5/10/52

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? RUBY 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. 12½ MILES ~~SW~~ SE OF FRANKLIN, N.C.
   (*b*) Mining district. FRANKLIN
   (*c*) Township, Section, Range. TATHAM CREEK
   (*d*) County, State. JACKSON COUNTY, N. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 13 1952

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: APPLICATION FOR EXPLORATORY AID IS BEING SUBMITTED HEREWITH. PRODUCTION WILL START UPON APPROVAL 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 AT PRESENT (4 MINERS WHEN PRODUCTION STARTS)

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.

DEXTER HALL
(Name of company)

By [signature]
(Signature of authorized official)

5/10/52
(Date)

LESSEE
(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

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of NORTH CAROLINA, County of JACKSON, described as follows:1/

BEING the lands conveyed by deed dated March 15, 1890, from A. A. Isbell to W. F. Tompkins, known as Dead Timber Ridge Mine, and recorded in the Office of the Register of Deeds for Jackson County, N. C., in Book 14 at Page 522.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ DEXTER HALL

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ _____, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 10th day of MAY, 1952.

EMILY WEIGH TOMPKINS & ANNIE TOMPKINS [Seal]

By Dexter Hall [Seal]

(DEXTER HALL) ATTORNEY IN FACT [Seal]

(IN ACCORDANCE WITH LEASE)

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

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2/ DEXTER HALL

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WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

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Dated this 10th day of MAY, 1952.

EMILY WEIGH TOMPKINS & ANNIE TOMPKINS [Seal]

By Dexter Hall [Seal]

(DEXTER HALL) ATTORNEY IN FACT [Seal]

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4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

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(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

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Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

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_____

_____

_____

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2/_____

_____

_____

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WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

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Dated this _____ day of _____, 195___.

_____ [Seal]

_____ [Seal]

_____ [Seal]

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Dated this 10th day of MAY, 1952.

EMILY WEICH TOMPKINS & ARTHUR TOMPKINS [Seal]

By Dexter Hall [Seal]

(DEXTER HALL) ATTORNEY IN FACT

(IN ACCORDANCE WITH LEASE) [Seal]

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MF-103 DEXTER HALL GREENS CREEK, N.C. DEAD TIMBER RIDGE MINE LEASE COPY

THIS LEASE AGREEMENT, Made and entered into this 25th day of February, 1952 by and between Emily Weigh Tompkins and Annie Tompkins, parties of the first part, being the heirs of W. F. Tompkins, and Dexter Hall, party of the second part, all of Jackson County, North Carolina,

WITNESSETH, that subject to the terms and conditions hereinafter set forth the said parties of the first part have let and leased unto the party of the second part, his heirs and assigns, the exclusive right and privilege to mine, dig and remove all minerals now in, under and upon a certain tract or parcel of land lying and being in Jackson County, N. C., and more particularly described as follows:

BEING the lands conveyed by deed dated March 15, 1890, from A. A. Isbell to W. F. Tompkins, known as Dead Timber Ridge Mine, and recorded in the Office of the Register of Deeds for Jackson County in Book 14, page 522.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. Unless sooner terminated as herein provided, this lease shall exist and continue for a period of five (5) years from date hereof; however, it is mutaully agreed, that, upon compliance with its terms and conditions, same shall be extended from year to year thereafter.

2. As rental or royalty, the party of the second part shall pay to the parties of the first part a sum equal to twelve percent (12%) of all sheet, pattern or block mica, Two Dollars ($2.00) per ton for all scrap mica, and the usual royalty for all other minerals mined and sold from said property.

3. All royalties shall be paid on the 20th day of each calendar month following the production, sale and receipt of the sale price of mined minerals.

4. The party of the second part shall keep an accurate record of all sales and same shall be open to the inspection of the parties of the first part.

5. The party of the second part, his heirs and assigns, agree to conduct mining operations upon said property for a period of not less than eight (8) months each year this lease remains in force and effect.

6. In the event the party of the second part should apply for a government loan to prospect or operate this property the parties of the first part hereby authorize Dexter Hall to execute any required agreements in connection with same, in the name of the parties of the first part and as their Attorney in Fact; and, in such event, the provisions stated in paragraph 5 above, shall be subject to such agreements.

7. So long as this lease remains in force the parties of the first part, their heirs and assigns, grant unto the party of the second part, his heirs and assigns, the following rights and privileges:

(a) The right to use the surface of said lands to the full extent that such use is reasonable, convenient or necessary in mining and removing the minerals from said lands and to use any portion of said surface for the purpose of dumping mine refuse and tailings as may be reasonably necessary or convenient.

(b) The right to construct and place upon said lands, buildings and machinery, and to remove same.

(c) The right to cut and use upon said lands, for the purposes herein set out, any standing timber thereon at the time of such use.

(d) The right to use any water upon said property as may be necessary in the course of mining operations.

(e) The right to construct and maintain roads in such locations as may be deemed necessary by the party of the second part, and complete right of ingress, egress and regress to and from such portions of said property where mining operations are in progress or to be conducted.

(f) The right to do all things convenient and reasonably necessary, as usual in mining operations.

IN WITNES WHEREOF, the parties hereto have hereunto set their hands and affixed their seals the day and year first above written.

s/ Emily Weigh Tompkins (SEAL)
Annie Tompkins Dexter Hall

(Recorded 2/28/52, Book 189, Page 402)

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of [redacted], County of [redacted], described as follows:1/

[redacted] the lands conveyed by deed dated March 15, 1890, from A. A. Tabell to W. F. Hopkins, known as Deal Timber Ridge Mine, and recorded in the Office of the Register of Deeds for Jackson County, N. C., in Book 14 at Page 522.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ [redacted]

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ _____, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this [redacted] day of [redacted], 195[redacted].

[redacted] [Seal]

[redacted] [Seal]

[redacted] ATTORNEY IN FACT

[redacted] [Seal]

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

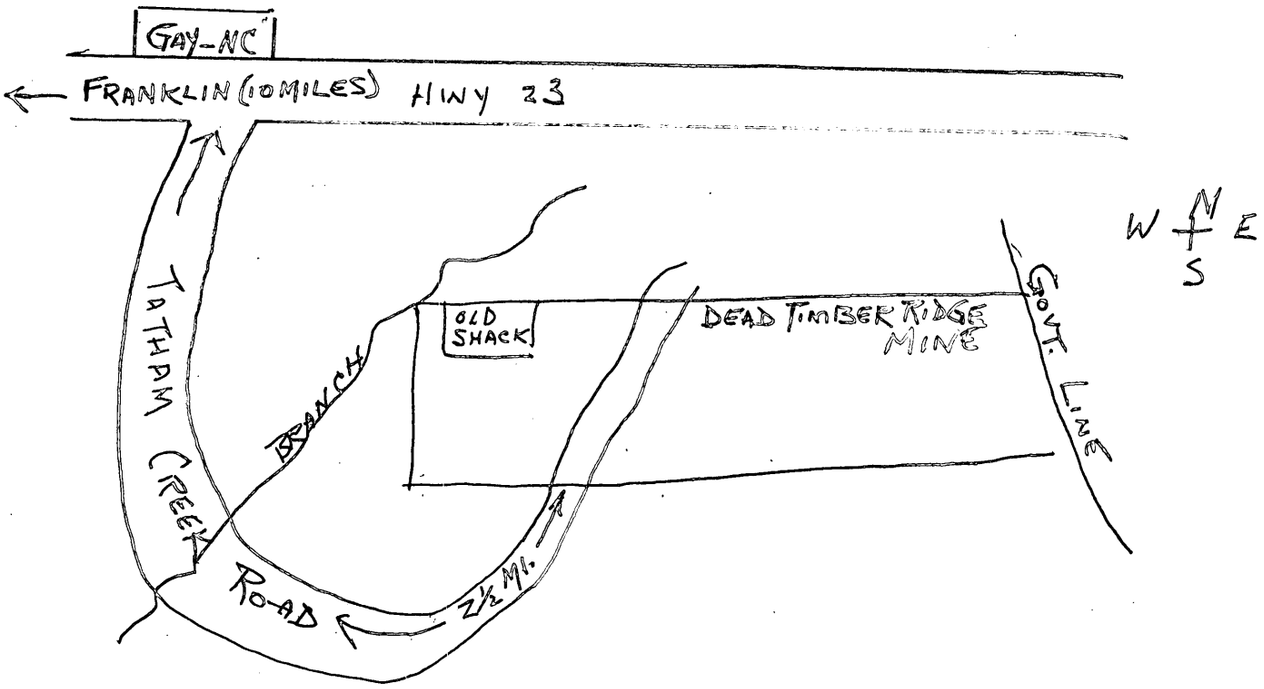
(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

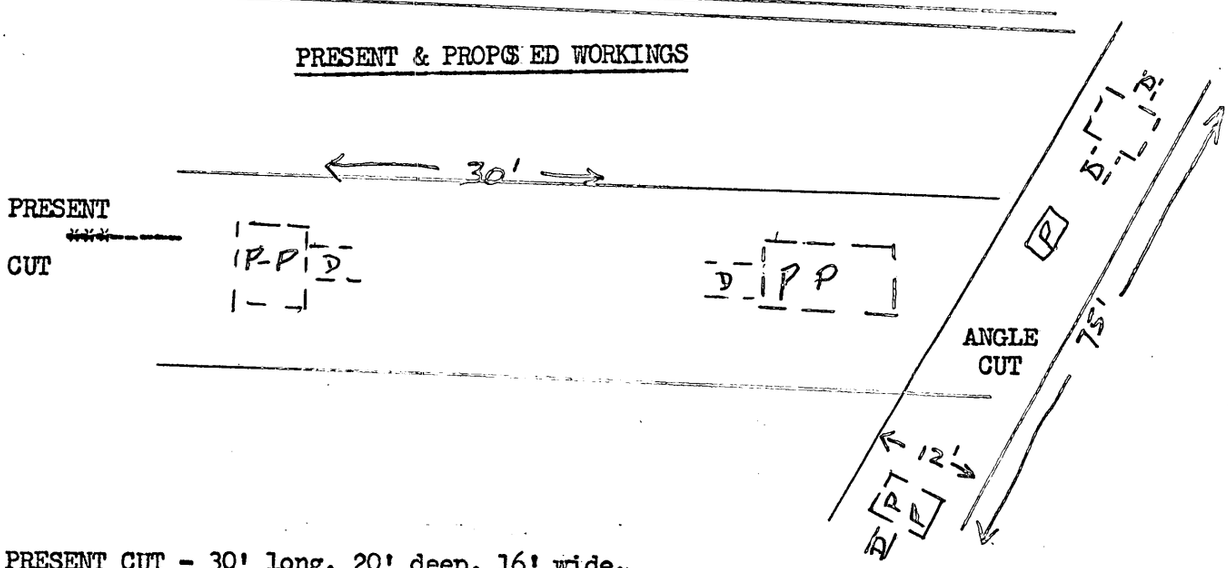
Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-103 DEXTER HALL GREENS CREEK (JACKSON CO.) N. C. 5/10/52

DEAD TIMBER RIDGE MINE 2½ MILES SE OF GAY, N.C. 12½ MILES - FRANKLIN



PRESENT & PROPOSED WORKINGS



PRESENT CUT - 30' long, 20' deep, 16' wide.
IN THIS CUT VEIN IS 7' WIDE.

PRESENT CUT & ANGLE CUT ARE ENTIRELY IN PEGMATITE.

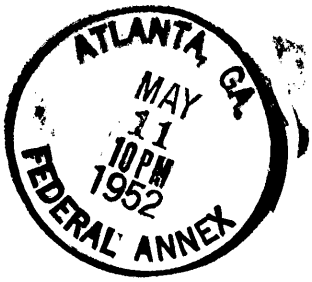
- P - PIT 4x4x8'.

- PP - PROPOSED PITS. 25' DEEP EACH.

- D - PROPOSED DRIFTS. 3' TO 10' EACH.

KAROLTON KLASP—6 x 9
"MADE IN U. S. A."
THE AMERICAN ENVELOPE CO.
WEST CARROLLTON, OHIO

336
P. O. BOX [redacted]
FRANKLIN, N.C.



DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR

WASHINGTON 25, D. C.