DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

~~DMA~~ DMEA Docket No. 2250

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION PROJECT

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To: NON-METALLICS BR. Date 11-26-51

To: _____ Date _____

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CONTROLLED DOCUMENT

July 31, 1952

~~Memorandum~~

To: Chief, Operations, Control and Statistics Division

From: Non-Metallic Minerals Division

Subject: Denial - Docket No. DMEA-2250 - Mica
Dexter Hall
Dexter Mine
Jackson County, North Carolina

The subject application is ~~in denied status~~ withdrawn per Mr. Houk's letter of ~~March~~ Feb. 11, 1952, to Mr. Frank Sierema.

If any further action is to be taken on this mine, a new application will be necessary.

S. A. Feitler
Non-Metallic Minerals Division

Attachment (Docket No. DMEA-2250)

SAFeitler:gad

Copy to: Docket File
Mr. Houk

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

July 31, 1952

Memorandum

To: Chief, Operations, Control and Statistics Division

From: Non-Metallic Minerals Division SAF BL

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Dexter Mine
Jackson County, North Carolina

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S Feitler

S. A. Feitler
Non-Metallic Minerals Division

Attachment (Docket No. DMEA-2250)

FILE COPY
SURNAME:

Steitler
Houk

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

July 31, 1952

Memorandum

To: Chief, Operations, Control and Statistics Division

From: Non-Metallic Minerals Division

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S. A. Feitler
Non-Metallic Minerals Division

Attachment (Docket No. DMEA-2250)

SAFeitler:gad

Copy to: Docket File
Mr. Houk

C O P Y

NATIONAL MINERS' ASSOCIATION
Highlands Road at Main Street
Franklin, North Carolina

March 18, 1952

DMEA 2152,2206,2250,2251

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

Dear Mr. Houk:

Thank you very much for your letter of the 11th, in answer to certain statements by me regarding exploratory applications

In your letter and during your recent visit to Franklin, you carefully pointed out many conditions and reasons which have provided greater light on the subject. As time goes on, I am sure the aid you have given us - particularly through personal discussions, will prove extremely helpful.

In the past few days I have been reading of the mica program and that it is now effective. This will permit the miners to produce and will also encourage additional exploratory applications. We will hereafter make every effort to furnish sufficient information, at the time of initial filing, to permit proper examination on your part.

Thanking you for your cooperation, I am

Sincerely yours,

FRANK SIEERSMA (Signed)

C O P Y

December 26, 1951

Nonmetallics Minerals Div.

Donald H. Kupfer

Dexter Hall's
2250 Dexter

5 miles from Sylva, Jackson County, North Carolina

WRO

Copy to: [illegible]
[illegible]
[illegible]

NATIONAL MINERS' ASSOCIATION

HIGHLANDS RD. AT MAIN ST.

FRANKLIN, NORTH CAROLINA

A CONFEDERATION OF AMERICAN MINERAL MINERS

ANDREW W. REID
CHAIRMAN
BOARD OF DIRECTORS

ROY H. FOUTS
SECRETARY

HARRY PATTON
TREASURER

FRANK SIERSMA
CHAIRMAN LOCAL
MINING COMMITTEE

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

March 18, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 20 1952

Dockets Dmca
2152-2206-22508
2251.

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

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Thanking you for your cooperation, I am

Sincerely yours,

Frank Siersma

Frank Siersma

FTS:em

FILE COPY
SURNAME:

SAFeitler
Mitt

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

C
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Y

600

MAR 14 1952

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

Subject: Dockets Nos. DMEA-2152, 2206, 2250, 2251 - Mica
Dexter Hall, and Felix & Dexter Hall
North Carolina

Dear Mr. Laurence:

For your information there are enclosed a copy of Mr. Frank Siersma's letter of February 16, 1952 and one copy each of the four applications mentioned therein. Inasmuch as we are making no formal request for field examinations, only the applications are enclosed. The additional correspondence in these dockets adds little pertinent information.

You have been returning your copy of the docket material with your field reports. These should be retained for your files.

Sincerely yours,

Signed

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

Enclosures 5

SAFeitler:gad 3/13/52
Copy to : Admin. Reading File
Docket File
Mr. Norton, G.232, GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

C
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P
Y

IN REPLY REFER TO:

G-MD-JJN

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

March 7, 1952

File with Siersma letter

Memorandum

To: Lawrence G. Houk, Defense Minerals Exploration Administration

From: J. J. Norton, U. S. Geological Survey

Subject: Letter to Siersma.

I suggest that a copy of the Siersma letter, which I endorsed today, should be sent to Bob Laurence.

J J Norton

J. J. Norton

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

COPY

3-11-52

Mr. Frank Siersma
National Minera' Association
Highlands Road at Main Street
Franklin, North Carolina

Dockets -DMEA-2152, 2206, 2250, 2251
Drexel Hall

Dear Mr. Siersma:

Receipt is acknowledged of your letter of February 16, requesting a review of the denied cases of Dexter Hall of Greens Creek, North Carolina.

We appreciate your interest in the promotion of cooperation between the mine owners of Franklin Sylva District and the Defense Minerals Exploration Administration. You, no doubt, understand that we cannot send field men to examine every pegmatite that is suggested for an exploration project. The applicant must provide enough information to show that his project is not just a simple pegmatite, and not just within a mica bearing pegmatite lead but must give enough facts to justify a field examination.

Your statement that the applicant must employ the services of an engineer or geologist, in order to furnish all the requested information, is not entirely true. Each question asked is pertinent and the answer should be as detailed as possible. Many questions have been left unanswered. Other pertinent questions have been answered with very terse statements.

This office can think of no more satisfactory arrangement that can be evolved for handling applications other than the system under which we are now operating. Each application is reviewed by numerous technical people with different objectives in mind. Your statement that due to economic conditions in the past, few operations have been conducted on a business-like basis, is entirely true, but is it not also true that the size of the mica shoots has prevented any large scale business-like operation? The request for more information does not indicate a tightening of requirements but rather an attempt to develop the required information most economically, since field team examinations are expensive.

You are correct in your assumption that it is the Government's intention to stimulate production of strategic mica. We are providing 90% of the cost of approved exploration projects.

We have been reopening numerous cases after denial, simply when additional information which should have been in the original application has been provided, and have been very lenient in recommending field team examinations where it has been felt that the prospect justified it. It is my thought that cases should be reopened after denial only when work is done by the applicant and he has provided new information which heretofore has been lacking.

We appreciate your sending us all this information, and regret that we cannot send a field team to make examinations nor reopen the cases at the present time; however, it is possible that should the field team be in the vicinity, and have the time, they may make a preliminary examination of some of the cases that have been denied without field team examination.

Sincerely yours,

lgh 3/11/52

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

LGHouk:gad:mp 3/6/52

copy to: Admin. Reading File
Mr. Norton, G-232, GSA Bldg.
Mr. Dietrich, 3526
Field Team, Region VII
Mr. Houk
Reports & Records

COPY

Tel in Dec 1 Item 4-2250

NATIONAL MINERS' ASSOCIATION
Highlands Rd. at Main St.
Franklin, N. C.

February 16, 1952

Mr. Lawrence G. Houk
Acting Chief, N-M Min. Div.
Def. Minerals Exp. Administration
Washington 25, D. C.

Dear Mr. Houk:

Mr. Dexter Hall of Greens Greek, N. C. , has received four letters from you regarding properties on which he has made application for exploratory loans. He has asked that I review his penciled-in answers and make reply for him.

Many of our members have received similar letters and I have attempted to substantiate facts contained in their applications through a more intelligent manner than presented to me. However, in this case I believe it best that I submit Mr. Hall's exact statements.

DMEA-2250 - Dexter Mine

Mr. Siersma this man is not satisfied with the information we sent him. I have worked some more at this mine prospect. Mr. C. Cagle at Sylva got mica that cut 4x6 and a good N. C. grade. I got some 3x4 out of the same vein tho I have not had time to do much work. The vein is about 2 feet wide where I worked and got this mica and runs clear across the 3½ acres that my lease covers and crosses the river and mica has been got over there and there is mica and flint there and I know I have some good mines but I cannot understand all about this. If I had mica dug out and piled up I would not want any loan. Mr. Cagle sold $700.00 worth out of this mine. My lease is on the same vein 300 feet from the hole that he got his mica. I have some of the mica I got out of this vein. This is all I am going to say. If the Government will set the prices up on mica I can get the mica.

DMEA-2152 FELIX HALL MINE

I got mica out of this mine that would make 2x2, sound as could be; the vain was 2 feet wide and flint.

DMEA-2251 EBB HALL MINE

I have had sickness in the family; have not had time to do what I wanted to do. This is a good prospect; mica in sight. You can tell these men anything you want to.

DMEA-2206 DILLARD MINE

This Dillard mine is one of the best I have. I am very bad disgusted about the Government turning down these loans. I would like to know where they are getting mica.

Because of announced assistance offered, more than a year ago, we began a long period of active cooperation between the mine owner and the Defense Minerals Administration. Among other matters, it included the preparation of forms, reports etc. About the middle of last year DMA started exploratory projects and during the early stages it was only necessary to submit applications which, in the main, covered properties within the mica lead, adjacent to past producing mines and with some showing of mica. Such information could readily be furnished by all miners, and seemed to suffice and warrant a Field Team examination. As time went on, more and more details have been added; such as length and width of pegmatites, drawings of past workings and intended exploration, records of sales, etc., etc. This has gradually reached a point where an applicant must emply the services of an engineer and geologist in order that he furnish all requested information.

I moved into Franklin about August 1950 because of mining investments I had had here, and because I had learned of a "pending" mica program. With the exception of one, every application I made for either an exploratory or operating loan has been denied. Naturally this, and the delay in announcement of a program, has seriously affected my financial position; even though I take it in stride. However, I have come to know these people and their problems and will stay with them. It would seem to me that if DMEA understood this local condition there could be a more satisfactory arrangement evolved for handling applications.

There is a large concentration of ruby mica in the Franklin Mining District and a large portion of it is of strategic type. The knowledge of local pegmatites which I have acquired convinces me of the fact that actual exploration is only in its infancy. Although a main lead passes through the district, large number of "Feeder" veins emanate from it.

This extends the possibility of finding commercial ore bodies in locations and areas not previously operated, but such findings can never be uncovered without a certain amount of exploration. I am satisfied that probably the greatest concentration of mica exists in this district - as compared to any other district in the country.

Due to economic conditions in the past, few operations have been conducted on a businesslike basis. The mines are mostly owned by individuals who, through the years, have been forced to farm their lands in order to be assured of a basic livelihood. All are good, solid American citizens of high integrity and honesty, but like most mountain people, have enjoyed few of the luxuries of life; and not many have been able to take advantage of available educational opportunities. Their condition has caused them to become extremely cautious; not easily understandable until one lives with them and secures their confidence. As has happened before, they originally believed that DMA was setup to really work with them in every practical manner. But as requirements become more strict, they react in a manner not easily understood by those who do not fully appreciate the conditions.

I am satisfied that the Government's intention is to release all possible strategic mica and the requirements being exacted of miners is considered necessary. But is there no way you can provide some little added encouragement to regain the confidence of these people? Bear in mind - they have the mineral and want to produce it. Alone, they cannot.

Returning to the case of Dexter Hall - I have worked with him for nearly six months. He has filed six or seven applications for assistance and I know he needs assistance to prove the value of his mines. Despite the information he has supplied, he has received no encouragement at all, yet each of his properties deserve consideration. He is only one - of all - who has become exceedingly discouraged.

I can appreciate that you cannot have the Field Team examine EVERY application submitted unless you have a certain amount of suitable data. On the other hand, these applicants are in no position to furnish information which would cost them money to secure; particularly when they are not assured their applications will then be acted upon.

Surely it would not prove costly for the Field Team to spend a day or two with Dexter Hall and cover each of his properties. I feel sure this procedure, in itself, would go a long ways toward reestablishing the confidence these miners once had. Incidently, it will also prove to be the means for locating additional sources for mica.

In my opinion about the minerals program is that we are all of us in the same position - in that we must do everyting possible to locate DOMESTIC sources. Nothing in this communication is offered in a critical manner. It is presented only as one person's opinion - for the good of all. I will appreciate receiving your comments.

Sincerely yours,

Frank Siersma (sgd)

FILE COPY
SURNAME:

Robertson
Mica

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

January 28, 1952

Mr. Dexter Hall
Greens Creek
North Carolina

Subject: Docket No. DMEA-2250 - Mica
Dexter Mine

Dear Mr. Hall:

Your application for an exploration loan has been examined and we find that most of the information submitted is of a very general nature. For example, you state "the entire area is known to contain large deposits of commercial mica of the strategic type", and yet there is no work or production.

It is impossible to appraise a case so vaguely described. We require more tangible evidence; specific data having a bearing on a particular dike or dikes, and known to exist on your lease, or dikes trending towards your property from adjoining ground. In the latter case we would expect to receive some data relating to their size and their past or present production.

Please re-examine your supporting information and submit to us a description of the specific dike or dikes to be uncovered, and the reasons why they offer promise of commercial production. Also, report nearest production. Also, any other information that is relevant and which you consider would better support the application.

Sincerely yours,

SIGNED

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

JTRobertson:gad

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

1-30
J.D.

December 26, 1951

To: Nonmetallics Minerals Div.

From: Donald H. Kupfer

Subject: Dexter Hall's
(File 2250) [illegible] Dexter [illegible] for [illegible] minerals.

Location of property: 5 miles from Sylva, Jackson County, North Carolina

Reasons [illegible]:
✓ 1. [illegible]
2. [illegible]

Reasons [illegible]:
✓ 1. [illegible]
2. [illegible]
3. [illegible]
✓ 4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
✓ 7. [illegible]
8. [illegible]
9. [illegible]
10. [illegible]
✓ 11. [illegible]
✓ 12. [illegible]
13. [illegible]
14. [illegible]

Copy to: [illegible]
DMEA
[illegible]

Concur W. F. Dietrich (BM)
~~Concur J. T. Robertson~~ (DMEA)
Decided to write for more information
Wrote applicant 1/28/52 J.T.R.

Subject: DMEA-2250
Re: Exploration Loan
Dexter Mine

Mr. Dexter Hall
Greens Creek
North Carolina

My dear Mr. Hall:

This will acknowledge receipt of your application dated November 17, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2250 and referred to the Non-Metallics Branch.

Kindly refer to DMEA-2250 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams, Chief
Reports & Records Unit

7862

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.

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

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

NOV 26 9 20 AM '51

Not To Be Filled in by Applicant

Docket No. D.M.E.A. 2250
Metal or Mineral
Date Received 11-26-51
Amount $
Participation (Government %)

DEXTER HALL
GREENS CREEK
NORTH CAROLINA

DEXTER MINE

Name and address of applicant

Date 11/17/51

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

DMA Docket Number (if available)

INSTRUCTIONS

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

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

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

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

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area. BOTH 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. ATTACHED

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

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

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

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

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

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

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

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

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

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? 10%

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

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

CERTIFICATION

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

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

11/17/51
(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 NORTH CAROLINA DEXTER MINE 11/17/51

1. DESCRIPTION OF REAL PROPERTY:

BEING the lands conveyed by deed from E. P. Stillwell and wife Ester Stillwell to W. C. Cagle, March 26, 1928, and recorded in the office of the Register of Deeds for Jackson County, North Carolina, on August 4, 1928 in Book 105 at page 244.

Copy of lease to applicant is attached.

Entire lands will be devoted to this project.

2. This property lies within the main mica lead passing through the Franklin-Sylva District. The entire area is known to contain large deposits of commercial mica of the strategic type. As is the case with most properties on which exploratory applications are filed, no past work or production has occurred; a knowledge of the potential is obtained through an understanding of pegmatite signs. Such signs are extremely common over this particular area and will be confirmed by the Field Team when they inspect.

3. It is proposed to bulldoze an area about 125 feet long, 25 feet wide and 15 feet deep; then cross cut and sink two or three test pits. This will record the trend of the pegmatite and establish the existence of commercial quantities of strategic mica.

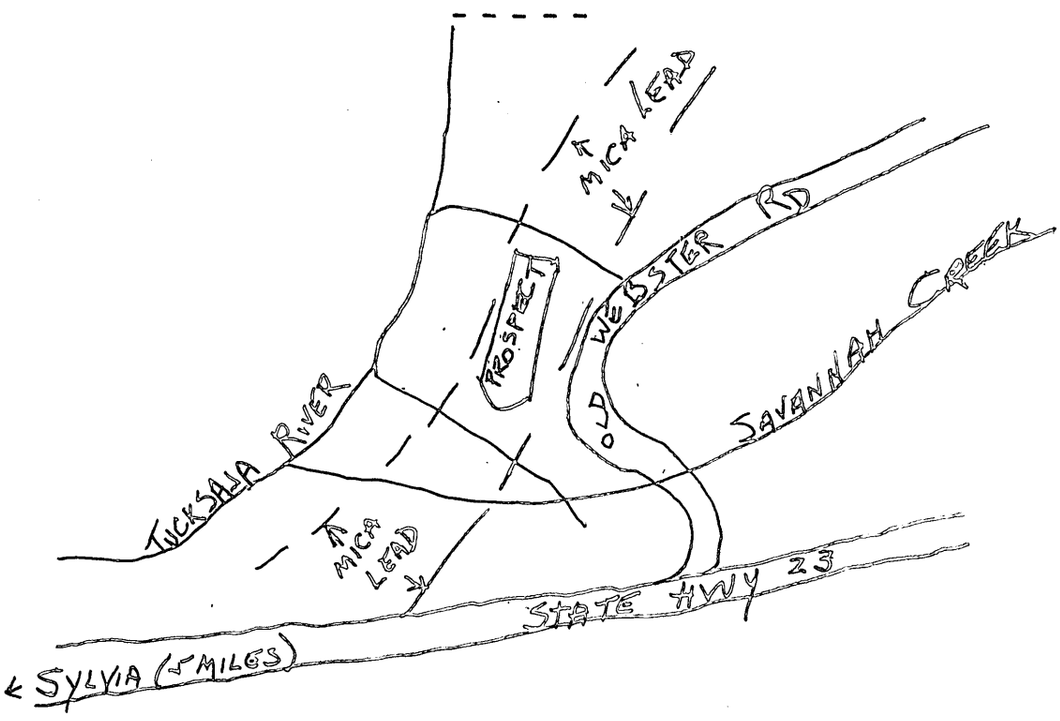
4. A sketch of the property is attached, showing approximate location of proposed project.

Answers to other questions appear in the following listing:

COST OF PROJECT:

Bulldozer rental, 55 hours @ $10.00 per hour	$550.00
Working Foreman, 10 days @ $15.00 per day	150.00
2 Laborers, 10 days each @ $10.00 per day each	200.00
Miscellaneous hand tools	75.00
Misc. expenses, sampling, payroll taxes, office, etc.	80.00
TOTAL COST -	$ 1,055.00

Work will start upon signing of contract and be completed in 10 days.



MF-103 DEXTER HALL GREENS CREEK, N. C. DEXTER MINE 11/17/51

1. (a) COPY OF LEASE:

THIS LEASE AGREEMENT, Made and entered into this 17th day of November, 1951, by and between W. C. CAGLE and wife IDA CAGLE, of Jackson County, North Carolina, parties of the first part, hereinafter designated as lessors, and DEXTER HALL, of Jackson County, N. C., party of the second part, hereinafter designated as lessee,

WITNESSETH, That the said parties of the first part do hereby lease unto the party of the second part, his heirs and assigns, the exclusive right and privilege to dig, mine and remove all minerals now in, under and upon a certain tract or parcel of land lying and being in Jackson County, North Carolina, and more particularly described as follows:

BEING the lands conveyed by deed from Ephron Stillwell to W. C. Cagle, on which the above mentioned minerals appear; said lands being more particularly described in that certain deed from W. C. Cagle and wife, to Jim Bradley, and recorded in the office of the Register of Deeds for Jackson County, in Book 152 at Page 352.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. The duration of this lease shall be for a period of five (5) years from date hereof; however, upon compliance with the terms and conditions herein stated, same shall be renewed for a like period.

2. Lessee agrees to pay lessor a royalty of Ten Percent (10%) of the gross selling price of sheet or block mica, One Dollar ($1.00) per ton for scrap mica, Fifty Cents (50¢) per ton for feldspar and the usual royalty for all other minerals recovered from this property, and all royalty payments shall be due and payable on the 20th day of each month following the sale and receipt of the sale price thereof.

3. Lessee agrees to keep a record of all sales from this property and same shall be open for inspection of lessor.

4. As a part of this lease, the lessee shall have full right to use the surface of the lands, construct and place buildings and machinery thereon and remove same; complete right of ingress, egress and regress, use of timber and water thereon, and do all things generally a part of mining operations as may be necessary in such operations.

5. Lessee shall begin mining operations within ninety (90) days from the date hereof, and if such operations shall cease for as long as sixty (60) days, not including the months of December and January of each year, lessor may, in writing to lessee, declare this lease to be terminated; except as hereafter provided.

6. In the event an application is made to the government for an exploration or operating loan, in connection with this property, lessor hereby authorizes lessee to sign any required agreements, and fully execute them, as Attorney in Fact for lessor, in said lessor's name and stead; such agreements to take precedent over the conditions stated in paragraph 5, above.

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

s/ W. C. Cagel (SEAL)
s/ Ida Cagle (SEAL)
s/ Dexter Hall (SEAL)

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. D.M.E.A. 2250

Date received 11-26-51

DEXTER MINE

DEXTER HALL
GREENS CREEK, N.C.

Name and address of applicant

Date 11/17/51

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. 5 mi. east of Sylva, N.C.
   (*b*) Mining district. FRANKLIN-SYLVA
   (*c*) Township, Section, Range. WEBSTER
   (*d*) County, State. JACKSON, N.C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☒ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

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

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production: THIS IS AN EXPLORATORY APPLICATION. PRODUCTION WILL START UPON SUCCESSFUL COMPLETION OF SAME.

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor: NONE

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

11/17/51
(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-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of JACKSON, State of NORTH CAROLINA, described in a certain Exploration Project Contract dated _____, 195__, between DEXTER HALL, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated NOV. 17, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 17th day of NOVEMBER, 195 1

W. C. CAGLE & IDA CAGLE

Dexter Hall

(attorney in fact) in accordance with lease

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

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

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

NOV 26 9 20 AM '51

Not To Be Filled in by Applicant

Docket No. D.M.E.A. 2250
Metal or Mineral
Date Received 11-26-51
Amount $
Participation (Government %)

DEXTER HALL
GREENS CREEK
NORTH CAROLINA

DEXTER MINE

Name and address of applicant

Date 11/17/51

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

DMA Docket Number (if available)

INSTRUCTIONS

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

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

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

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

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area. BOTH 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. ATTACHED

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

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

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

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

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

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

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

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

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

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? 10%

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

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

CERTIFICATION

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

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

11/17/51
(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, N. C. DEXTER MINE 11/17/51

1. (a) COPY OF LEASE:

THIS LEASE AGREEMENT, Made and entered into this 17th day of November, 1951, by and between W. C. CAGLE and wife IDA CAGLE, of Jackson County, North Carolina, parties of the first part, hereinafter designated as lessors, and DEXTER HALL, of Jackson County, N. C., party of the second part, hereinafter designated as lessee,

WITNESSETH, That the said parties of the first part do hereby lease unto the party of the second part, his heirs and assigns, the exclusive right and privilege to dig, mine and remove all minerals now in, under and upon a certain tract or parcel of land lying and being in Jackson County, North Carolina, and more particularly described as follows:

BEING the lands conveyed by deed from Ephrom Stillwell to W. C. Cagle, on which the above mentioned minerals appear; said lands being more particularly described in that certain deed from W. C. Cagle and wife, to Jim Bradley, and recorded in the office of the Register of Deeds for Jackson County, in Book 152 at Page 352.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. The duration of this lease shall be for a period of five (5) years from date hereof; however, upon compliance with the terms and conditions herein stated, same shall be renewed for a like period.

2. Lessee agrees to pay lessor a royalty of Ten Percent (10%) of the gross selling price of sheet or block mica, One Dollar ($1.00) per ton for scrap mica, Fifty Cents (50¢) per ton for feldspar and the usual royalty for all other minerals recovered from this property, and all royalty payments shall be due and payable on the 20th day of each monthfollowing the sale and receipt of the sale price thereof.

3. Lessee agrees to keep a record of all sales from this property and same shall be open for inspection of lessor.

4. As a part of this lease, the lessee shall have full right to use the surface of the lands, construct and place buildings and machinery thereon and remove same; complete right of ingress, egress and regress, use of timber and water thereon, and do all things generally a part of mining operations as may be necessary in such operations.

5. Lessee shall begin mining operations within ninety (90) days from the date hereof, and if such operations shall cease for as long as sixty (60) days, not including the months of December and January of each year, lessor may, in writing to lessee, declare this lease to be terminated; except as hereafter provided.

6. In the event an application is made to the government for an exploration or operating loan, in connection with this property, lessor hereby authorizes lessee to sign any required agreements, and fully execute them, as Attorney in Fact for lessor, in said lessor's name and stead; such agreements to take precedent over the conditions stated in paragraph 5, above.

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

s/ W. C. Cagel (SEAL)
s/ Ida Cagle (SEAL)
s/ Dexter Hall (SEAL)

1. DESCRIPTION OF REAL PROPERTY:

BEING the lands conveyed by deed from E. P. Stillwell and wife Ester Stillwell to W. C. Cagle, March 26, 1928, and recorded in the office of the Register of Deeds for Jackson County, North Carolina, on August 4, 1928 in Book 105 at page 244.

Copy of lease to applicant is attached.

Entire lands will be devoted to this project.

2. This property lies within the main mica lead passing through the Franklin-Sylva District. The entire area is known to contain large deposits of commercial mica of the strategic type. As is the case with most properties on which exploratory applications are filed, no past work or production has occurred; a knowledge of the potential is obtained trhough an understanding of pegmatite signs. Such signs are extremely common over this particular area and will be confirmed by the Field Team when they inspect.

3. It is proposed to bulldoze an area about 125 feet long, 25 feet wide and 15 feet deep; then cross cut and sink two or three test pits. This will record the trend of the pegmatite and establish the existence of commercial quantities of strategic mica.

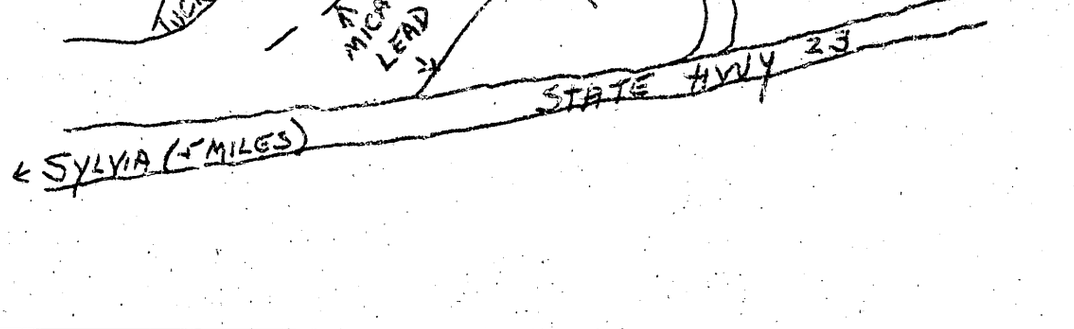
4. A sketch of the property is attached, showing approximate location of proposed project.

Answers to other questions appear in the following listing:

COST OF PROJECT:

Bulldozer rental, 55 hours @ $10.00 per hour	$550.00
Working foreman, 10 days @ $15.00 per day	150.00
2 Laborers, 10 days each @ $10.00 per day each	200.00
Miscellaneous hand tools	75.00
Misc. expenses, sampling, payroll taxes, office, etc.	80.00
TOTAL COST -	$ 1,055.00

Work will start upon signing of contract and be completed in 10 days.



Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. D.M.E.A. 2250

Date received 11-26-51

DEXTER HALL
GREENS CREEK, N.C.

DEXTER MINE

Name and address of applicant

Date 11/17/51

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. 5 mi. east of Sylva, N.C.
   (*b*) Mining district. FRANKLIN-SYLVA
   (*c*) Township, Section, Range. WEBSTER
   (*d*) County, State. JACKSON, N.C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

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

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production: THIS IS AN EXPLORATORY APPLICATION. PRODUCTION WILL START UPON SUCCESSFUL COMPLETION OF SALE.

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor: NONE

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

11/17/51
(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-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of JACKSON, State of NORTH CAROLINA, described in a certain Exploration Project Contract dated _____, 195__, between DEXTER HALL,

the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated NOV. 17, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 17th day of NOVEMBER, 1951

W. C. Cagle & Ida Cagle

Dexter Hall
(attorney in fact) in accordance with lease

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

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

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

NOV 26 9 20 AM '51

Not To Be Filled in by Applicant

Docket No. D.M.E.A. 2250
Metal or Mineral
Date Received 11-26-51
Amount $
Participation (Government %)

[redacted]
[redacted]
[redacted]

[redacted]

Name and address of applicant

Date 11/17/51

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

DMA Docket Number (if available)

INSTRUCTIONS

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

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

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

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

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area. BOTH 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. ATTACHED

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

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

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

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

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

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

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

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. NO

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? 10

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

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

CERTIFICATION

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

DEVER HILL (Name of company)	By [signature] (Signature of authorized official)
11/17/51 (Date)	PRESIDENT (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 NORTH CAROLINA DEXTER MINE 11/17/51

1. DESCRIPTION OF REAL PROPERTY:

BEING the lands conveyed by deed from E. P. Stillwell and wife Ester Stillwell to W. C. Cagle, March 26, 1928, and recorded in the office of the Register of Deeds for Jackson County, North Carolina, on August 4, 1928 in Book 105 at page 244.

Copy of lease to applicant is attached.

Entire lands will be devoted to this project.

2. This property lies within the main mica lead passing through the Franklin-Sylva District. The entire area is known to contain large deposits of commercial mica of the strategic type. As is the case with most properties on which exploratory applications are filed, no past work or production has occurred; a knowledge of the potential is obtained through an understanding of pegmatite signs. Such signs are extremely common over this particular area and will be confirmed by the Field Team when they inspect.

3. It is proposed to bulldoze an area about 125 feet long, 25 feet wide and 15 feet deep; then cross cut and sink two or three test pits. This will record the trend of the pegmatite and establish the existence of commercial quantities of strategic mica.

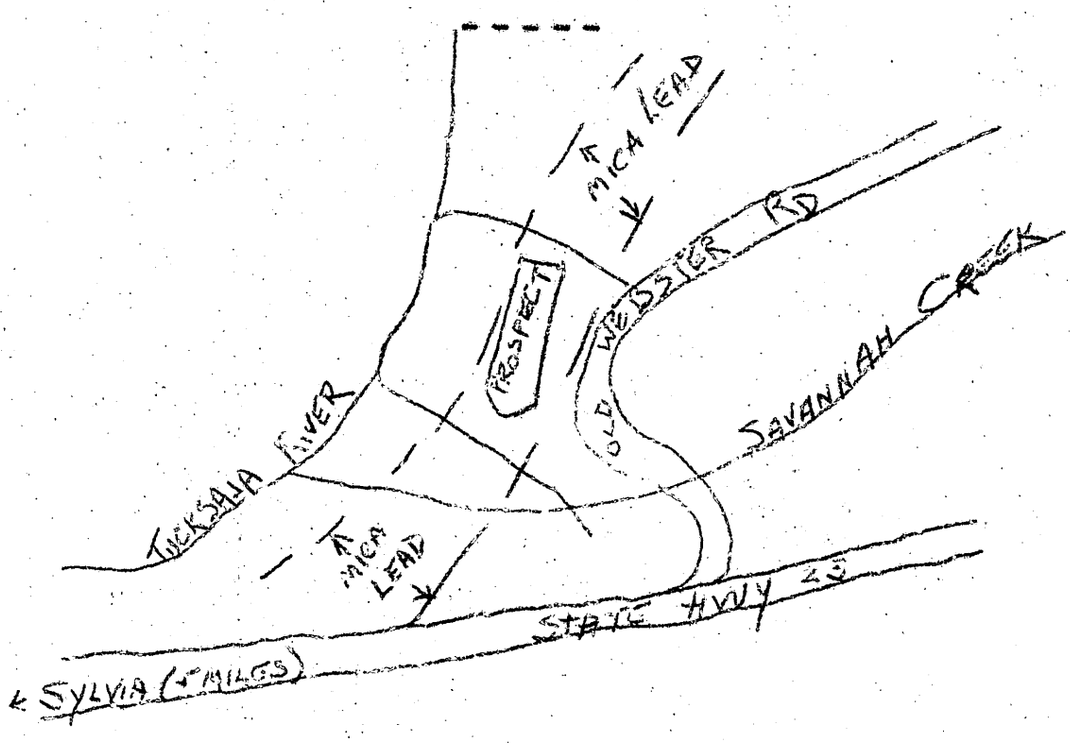
4. A sketch of the property is attached, showing approximate location of proposed project.

Answers to other questions appear in the following listing:

COST OF PROJECT:

Bulldozer rental, 55 hours @ $10.00 per hour	$550.00
Working foreman, 10 days @ $15.00 per day	150.00
2 laborers, 10 days each @ $10.00 per day each	200.00
Miscellaneous hand tools	75.00
Misc. expenses, sampling, payroll taxes, office, etc.	80.00
TOTAL COST -	$ 1,055.00

Work will start upon signing of contract and be completed in 10 days.



MF-103 DEXTER HALL GREENS CREEK, N. C. DEXTER MINE 11/17/51

1. (a) COPY OF LEASE:

THIS LEASE AGREEMENT, Made and entered into this 17th day of November, 1951, by and between W. C. CAGLE and wife IDA CAGLE, of Jackson County, North Carolina, parties of the first part, hereinafter designated as lessors, and DEXTER HALL, of Jackson County, N. C., party of the second part, hereinafter designated as lessee,

WITNESSETH, That the said parties of the first part do hereby lease unto the party of the second part, his heirs and assigns, the exclusive right and privilege to dig, mine and remove all minerals now in, under and upon a certain tract or parcel of land lying and being in Jackson County, North Carolina, and more particularly described as follows:

BEING the lands conveyed by deed from Ephrom Stillwell to W. C. Cagle, on which the above mentioned minerals appear; said lands being more particularly described in that certain deed from W. C. Cagle and wife, to Jim Bradley, and recorded in the office of the Register of Deeds for Jackson County, in Book 152 at Page 352.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. The duration of this lease shall be for a period of five (5) years from date hereof; however, upon compliance with the terms and conditions herein stated, same shall be renewed for a like period.

2. Lessee agrees to pay lessor a royalty of Ten Percent (10%) of the gross selling price of sheet or block mica, One Dollar ($1.00) per ton for scrap mica, Fifty Cents (50¢) per ton for feldspar and the usual royalty for all other minerals recovered from this property, and all royalty payments shall be due and payable on the 20th day of each monthfollowing the sale and receipt of the sale price thereof.

3. Lessee agrees to keep a record of all sales from this property and same shall be open for inspection of lessor.

4. As a part of this lease, the lessee shall have full right to use the surface of the lands, construct and place buildings and machinery thereon and remove same; complete right of ingress, egress and regress, use of timber and water thereon, and do all things generally a part of mining operations as may be necessary in such operations.

5. Lessee shall begin mining operations within ninety (90) days from the date hereof, and if such operations shall cease for as long as sixty (60) days, not including the months of December and January of each year, lessor may, in writing to lessee, declare this lease to be terminated; except as hereafter provided.

6. In the event an application is made to the government for an exploration or operating loan, in connection with this property, lessor hereby authorizes lessee to sign any required agreements, and fully execute them, as Attorney in Fact for lessor, in said lessor's name and stead; such agreements to take precedent over the conditions stated in paragraph 5, above.

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

s/ W. C. Cagel (SEAL)
s/ Ida Cagle (SEAL)
s/ Dexter Hall (SEAL)

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. D.M.E.A. 2250

Date received 11-26-51

[redacted]

[redacted]

Name and address of applicant

Date 11/17/51

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? [redacted]
   (*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. 5 mi. east of [redacted], [redacted]
   (*b*) Mining district. [redacted]
   (*c*) Township, Section, Range. [redacted]
   (*d*) County, State. [redacted]
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

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

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production: THIS IS AN EXPLORATORY APPLICATION. PRODUCTION WILL START UPON SUCCESSFUL COMPLETION OF SELF.

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:

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.

(Name of company)

By _____
(Signature of authorized official)

11/17/51
(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

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of [illegible], State of [illegible], described in a certain Exploration Project Contract dated _____, 195__, between [illegible], the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated _____ [illegible], does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this [illegible] day of [illegible], 195[illegible]

[illegible]

(attorney in fact) in accordance with law

U. S. GOVERNMENT PRINTING OFFICE 16—61582-1