DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

## CONTROLLED DOCUMENT

DMA Docket No. 2151

## 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

| | | | |
|---|---|---|---|
| | Code 370 | | |
| To: | Indus.Minls.Br. | Date | 10/15/51 |
| To: | Wasley | Date | |
| To: | Norton | Date | 11/30 |
| | Decision 12/13 | | |
| To: | | Date | |
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## DO NOT DETACH

## CONTROLLED DOCUMENT

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

Subject: Exploration Applications denied without field referral, Region VII

Dear Mr. Laurence:

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

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

Copies of the following applications are included:

Docket number MEA -

| | |
|---|---|
| 1583X | 2119 |
| 1675X | 2151 |
| 1903 | 2196 |
| 1912 | 2197 |
| 1946 | 2204 |
| 1995 | 2224 |
| 2070 | 2265 |

Sincerely yours,

Signed 4-14-52
Lawrence G. Houk, Chief
Non-Metallic Minerals Division
Defense Minerals Exploration Administration

Enclosures - 14
SAFeitler:mp 4/10/52
cc: Docket File
Adm. Reading File
Mr Norton, G-232, GSA Bldg.
Mr Dietrich, 3526
Mr Houk

Mr. Dexter Hall
Green's Creek
North Carolina

Subject: DMA-2151X

Dear Mr. Hall:

Your application for aid for exploration project located in Jackson County, North Carolina, has been reviewed in this office.

Projects for approval by the Defense Minerals Administration must in our judgment show definite promise of yielding strategic materials of acceptable grade, physical character and specifications in quantities that will significantly improve our mineral position. You have failed to complete MF-103 in sufficient detail for this office properly to evaluate your proposal, nor have you established a sound basis for expecting to encounter significant amounts of strategic mica.

If you can supply detailed information, particularly on past production, quality of mica, and any other pertinent information about the deposit that will strengthen your case we will be pleased to review your application.

Sincerely yours,

Acting Administrator

LGHOUK:esf
11/8/51
cc: Admr. Reading File
DMA Docket File
Mr. Barr

Mr. Dexter Hall
Green's Creek
North Carolina

Subject: DMA-2151X

Dear Mr. Hall:

Your application for aid for exploration project located in Jackson County, North Carolina, has been reviewed in this office.

Projects for approval by the Defense Minerals Administration must in our judgment show definite promise of yielding strategic materials of acceptable grade, physical character and specifications in quantities that will significantly improve our mineral position. You have failed to complete MF-103 in sufficient detail for this office properly to evaluate your proposal, nor have you established a sound basis for expecting to encounter significant amounts of strategic mica.

If you can supply detailed information, particularly on past production, quality of mica, and any other pertinent information about the deposit that will strengthen your case we will be pleased to review your application.

Sincerely yours,

Acting Administrator

LGHOUK:esf
11/8/51
cc: Admr. Reading File
DMA Docket File
Mr. Barr

FILE COPY
SURNAME:

SAFeitler
LGHouk

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

600

Mr. Herbert A. Laurence
Executive Officer
[illegible]-A Field Team, Region VII
[illegible], Post Office Building
[illegible]ville 01, Tennessee

Subject: Exploration Applications Denied Without Field Referral, Region VII

Dear Mr. Laurence:

[illegible] one copy of each application pertaining to your region [illegible] without field referral. [illegible] for your information and files.

If, in your opinion any of these properties merit further consideration, [illegible] will be necessary.

[illegible]

| | |
|---|---|
| [illegible] | [illegible]119 |
| 1[illegible] | [illegible]151 |
| [illegible] | [illegible]296 |
| [illegible]12 | [illegible]197 |
| [illegible]16 | [illegible]04 |
| [illegible]5 | [illegible]22[illegible] |
| 2[illegible]7[illegible] | [illegible]285 |

Sincerely yours,

Signed 4-14-52

Laurence G. Houk, Chief
Iron-Steelite Operations Division
Defense Mineral Exploration
Administration

Enclosures - 14
LGHouk:[illegible] 4/11/52
cc: [illegible]
[illegible] Mining File
[illegible] Porter, [illegible]
[illegible] Heinrich, [illegible]
[illegible]

FILE COPY
SURNAME:

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

Houk
Norton
Dietrick
Needleman
Meyerhof
Hoyer

AIR MAIL

DEC 29 1951

BN

Mr. Dexter Hall
Greens Creek, North Carolina

Re: Docket No. DMA-2151X, Mica
Dexter Hall
Cagle Mine

Dear Mr. Hall:

Your application for aid for an exploration project on mica deposit located in Franklin-Sylva District, N.C. and docketed as DMA-2151, has been reviewed by this office.

A careful study of your proposal reveals that you have not demonstrated to the satisfaction of the DMEA that your deposit shows promise of yielding significant quantities of strategic mica nor is it sufficiently promising to justify a field team examination.

Under these circumstances, your application for exploration aid to the extent of 90% of $2,475.00 is denied.

Sincerely yours,

C. O. Mittendorf (fw)

Acting Administrator
Defense Minerals Exploration
Administration

LHouk/jem
12/17/51
cc to: Adm. Reading File
Mails & Files Br.
Docket
Messrs. Mittendorf
Needlemen - Rm.1345
Dietrick - Rm. 3526
Norton, J.- Rm. G-228, G.S.
Houk

12-28-9

December 26, 1951

L. Houk

Donald H. Kupfer

Dexter Hall's

Ebb Hall

6 miles west of Sylva, Jackson County, North Carolina

Applicant says that no outcrop of pegmatite is present on the property.

Conan W Patrick
12/28/57

IN REPLY REFER TO: G-MD-DHK

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

December 10, 1951

Memorandum

To: Lawrence Houk, Defense Minerals Exploration Administration

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

Subject: DMA 2151

Dexter Halls letter of November 23, 1951, supplies no additional data. The application should be denied on the ground that the applicant has provided no evidence to show why he believes a mineable deposit of mica may be found.

Donald H. Kupfer

DHKupfer:hhp
G-12/10/51
cc: Director's reading file, 4212
Branch reading file, 4212
DMEA files
Kupfer, G-228, GSA Bldd., USGS

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 26 1951
Defense Minerals Administration,
Production Expansion Division.

Greens Creek, N. C.
November 23, 1951.

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

Attention: Mr. Frank E. Johnson
Acting Administrator

RE: DMA-2151X - MICA

Gentlemen:

I have your letter of the 14th in which you ask for additional information regarding my application.

This property was tested somewhat over 10 years ago but it was not worked. The small amount of mica taken out was considered to be of the strategic type. There are many of the recognized mica signs present to give evidence that commercial quantities can be recovered and the property lies within the main lead of the Franklin-Sylva district.

I have prospected and mined practically all of my life and am satisfied that examination by your Field Team will prove sufficiently satisfactory to warrant the small assistance requested. I would not have made this application had I felt otherwise and I trust you will permit the examination which will justify it.

Sincerely yours,

Dexter Hall

Dexter Hall

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.
NOV 26 11 43 AM '51

FILE COPY
SURNAME:

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

NOV 14 1951 370

Mr. Dexter Hall
Green's Creek
North Carolina

Subject: DMA-2151X

Dear Mr. Hall:

Your application for aid for exploration project located in Jackson County, North Carolina, has been reviewed in this office.

Projects for approval by the Defense Minerals Administration must, in the judgment of this office, show definite promise of yielding strategic materials of acceptable grade, physical character and specifications in quantities that will significantly improve the position of the mineral program. It is necessary that Form MF-103 be completed in sufficient detail for proper evaluation of your proposal.

If you can supply detailed information, particularly on past production, quality of mica, and any other pertinent information about the deposit that will strengthen your case this office will be pleased to review your application.

Sincerely yours,

(signed) FRANK E. JOHNSON (for)

Acting Administrator 11-14

LGHOUK:esf
11/9/51
cc: Admr. Reading File
DMA Docket File
Mr. Barr

IN REPLY REFER TO:
G-MD-DHK

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

November 2, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

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

Subject: Dexter Hall's application (DMA-2151) for aid in exploring the Cagle Mine, Jackson County, North Carolina for Strategic mica.

Dexter Hall's application, DMA-2151, proposes to spend $ 2,475 to explore the Cagle mine, 8¼ miles SW of Sylva, Jackson County, North Carolina, for strategic mica.

No information was found on this property in the files of the Geological Survey. The purchase records of the Colonial Mica Corporation show that they did not buy any mica from this property under the above name. Lacking any information on which to base a recommendation, this application should be held for further information.

Donald H. Kupfer

DHKupfer:hhp
G-11/2/51

cc: Director's Reading file, 4212
Branch " " "
DMA files ✓
DHKupfer, G-228, GSA Bldg., USGS

October 15, 1951

Subject: Exploration
Re: DMA-2151

Mr. Dexter Hall
Green's Creek, North Carolina

My dear Mr. Hall:

This will acknowledge receipt of your application dated October 10, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2151 and referred to the Industrial Minerals Branch.

Kindly refer to DMA- 2151 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463

Form MF-103
(April 1951)

U[redacted] DEPARTMENT OF THE INTER[redacted]
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 2151

Date received 10-12-51

Participation

DEXTER HALL
GREEN'S CREEK
NORTH CAROLINA

CAGLE MINE

Name and address of applicant

Date 10/10/51

FILL IN THIS BLOCK

Date of application 10/10/51

Estimated cost $2,475.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 8½ miles southwest of Sylva, North Carolina

Date of filing MF-100 10/10/51

DMA Docket Number, if available

## INSTRUCTIONS

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

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Individual

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. Applicant has mined and processed minerals for more than 5 years

*5. Are you the owner or the lessee of the property? Lessee

6. If owner, state what claims, liens, or encumbrances, if any, are against the property.

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

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 2 of this application form in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? 10% sufficient in accordance with MO5

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

16—64067-1

## THE PROPERTY

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

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

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

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

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

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

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

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

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

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

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

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

## THE EXPLORATION

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

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

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

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

## THE REQUIREMENTS AND COSTS

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

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

## CERTIFICATION

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

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

10/10/51
(Date)

(Title)

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

*Same as footnote on page 1.

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

STATE OF NORTH CAROLINA
COUNTY OF JACKSON

THIS LEASE AGREEMENT, made and entered into this 10th day of October, 1951, by and between E. B. Cagle and wife Mattie Cagle of Green's Creek, North Carolina, parties of the first part, and Dexter Hall, of Green's Creek, North Carolina, party ofthe second part,

W I T N E S S E T H

That subject to the terms and conditions hereinafter set forth the said parties of the first part have let and leased unto the said 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, State of North Carolina, consisting of fifty three (53) acres, more or less, and being more particularly described as follows:

> Being the lands conveyed by J. B. Cagle, et al, by deed dated January 15, 1938, to E. B. Cagle, and recorded in the Office of Register of Deeds of Jackson County, North Carolina on May 21, 1938, in Book 129, Page 549.

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 term of five (5) years from date hereof; however, it is mutually agreed that, upon compliance with its terms and conditions, same shall be automatically extended from year to year.

2. As rental or royalty, the party of the second part, his heirs and assigns, shall pay to the parties of the first part a sum equal to ten percent (10%) of all sheet, pattern or block mica, One Dollar ($1.00) per ton for all scrap mica, fifty cents (50¢) per ton for all feldspar and the usual royalties for all other minerals mined and sold from said property.

3. That all royalties shall be paid on the fifteenth day of each calendar month following the production, sale and receipt of the sale price thereof.

4. Party of the second part, his heirs or assigns, shall keep an accurate record of all sales from this property which shall be open to inspection by the parties of the first part.

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

So long as this lease remains in force the party of the second part his heirs or assigns, in connection therewith shall have and enjoy 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 said operations.

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

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

PARTIES OF THE FIRST PART:

_____

_____

_____

For the party of the second part

MF-103 DEXTER HALL, GREEN'S CREEK, N.C. 10/10/51

EAGLE MINE

11. Copy of lease attached. Entire property is being devoted to this application.

12. 7 miles west of Sylva (Railroad) on State Hwy 23, 1 mile south on Hall Road (County Road), then ¼ mile west on Cove Road to mine ( all good roads)

13. Sufficient water on property for all pruposes. No Power required.

14. No existing facilities.

15. Block mica will be sheeted and shipped from Sylva, N. C. (8½ miles) or at Franklin, N.C. (12 miles).

16. Some work was done about 10 years ago; mainly a tunnel 30' to 40' into vein and good strategic ruby mica was extracted. Work did not continue because of low selling price and tunnel is now caved in.

20 Strategic mica.

21. New work under this exploratory application will consist of 4 or 5 dozer trenches, about 100' long, 25' wide and 15' deep (vein appears to be more than 600 feet long and very wide). Trenches will be cross-cut and test pits will be sunk. Exploration work will require 20 days.

23. COST OF PROJECT:

| | |
|---|---|
| Tractor-dozing trenching - 100 hours @$10.00 per hour | $1,000.00 |
| Timber for test pits | 100.00 |
| Engineer-Superintendent 12 days @$20.00 | 240.00 |
| Working Foreman 20 days @$15.00 | 300.00 |
| 3 Laborers 20 days @$10.00 per day each | 600.00 |
| Miscellaneous hand tools | 110.00 |
| Miscellaneous expenses, payroll taxes, office sampling etc. | 125.00 |
| Total Cost of Project- - - - - - - | $2,475.00 |

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 ....., State of ....., described in a certain Exploration Project Contract dated ....., 195...., between .....,

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

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated ..... ....., 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 ..... day of ....., 195....

E B Cagle

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

Form MF-103
(April 1951)

U[redacted] DEPARTMENT OF THE INTER[redacted]
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA 2151

Date received 10-12-51

Participation

DEXTER HALL
GREEN'S CREEK
NORTH CAROLINA

CAGLE MINE

Name and address of applicant

Date 10/10/51

FILL IN THIS BLOCK

Date of application 10/10/51

Estimated cost $2,475.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 8¼ miles southwest of Sylva, North Carolina

Date of filing MF-100 10/10/51

DMA Docket Number, if available

## INSTRUCTIONS

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

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Individual

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. Applicant has mined and processed minerals for more than 5 years

*5. Are you the owner or the lessee of the property? Lessee

6. If owner, state what claims, liens, or encumbrances, if any, are against the property.

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

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? 10% - sufficient in accordance with MO-5

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

16—64067-1

## THE PROPERTY

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

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

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

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

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

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

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

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

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

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

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

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

## THE EXPLORATION

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

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

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

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

## THE REQUIREMENTS AND COSTS

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

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

## CERTIFICATION

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

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

10/10/51
(Date)

(Title)

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

*Same as footnote on page 1.

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

MF-103 DEXTER HALL, GREEN'S CREEK, N.C. 10/10/51

CAGLE MINE

11. Copy of lease attached. Entire property is being devoted to this application.

12. 7 miles west of Sylva (Railroad) on State Hwy 23, 1 mile south on Hall Road (County Road), then ¼ mile west on Cove Road to mine ( all good roads)

13. Sufficient water on property for all pruposes. No Power required.

14. No existing facilities.

15. Block mica will be sheeted and shipped from Sylva, N. C. (8½ miles) or at Franklin, N.C. (12 miles).

16. Some work was done about 10 years ago; mainly a tunnel 30' to 40' into vein and good strategic ruby mica was extracted. Work did not continue because of low selling price and tunnel is now caved in.

20 Strategic mica.

21. New work under this exploratory application will consist of 4 or 5 dozer trenches, about 100' long, 25' wide and 15' deep (vein appears to be more than 600 feet long and very wide). Trenches will be cross-cut and test pits will be sunk. Exploration work will require 20 days.

23. COST OF PROJECT:

| | |
|---|---|
| Tractor-dozing trenching - 100 hours @$10.00 per hour | $1,000.00 |
| Timber for test pits | 100.00 |
| Engineer-Superintendent 12 days @$20.00 | 240.00 |
| Working Foreman 20 days @$15.00 | 300.00 |
| 3 Laborers 20 days @$10.00 per day each | 600.00 |
| Miscellaneous hand tools | 110.00 |
| Miscellaneous expenses, payroll taxes, office, sampling etc. | 125.00 |
| Total Cost of Project- - - - - - | $2,475.00 |

STATE OF NORTH CAROLINA
COUNTY OF JACKSON

THIS LEASE AGREEMENT, made and entered into this 10th day of October, 1951, by and between B. B. Cagle and wife Mattie Cagle of Green's Creek, North Carolina, parties of the first part, and Dexter Hall, of Green's Creek, North Carolina, party of the second part,

W I T N E S S E T H

That subject to the terms and conditions hereinafter set forth the said parties of the first part have let and leased unto the said 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, State of North Carolina, consisting of fifty three (53) acres, more or less, and being more particularly described as follows:

> Being the lands conveyed by J. B. Cagle, et al, by deed dated January 15, 1938, to B. B. Cagle, and recorded in the office of Register of Deeds of Jackson County, North Carolina on May 21, 1938, in Book 129, Page 549.

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 term of five (5) years from date hereof; however, it is mutually agreed that, upon compliance with its terms and conditions, same shall be automatically extended from year to year.

2. As rental or royalty, the party of the second part, his heirs and assigns, shall pay to the parties of the first part a sum equal to ten percent (10%) of all sheet, pattern or block mica, One Dollar ($1.00) per ton for all scrap mica, fifty cents (50¢) per ton for all feldspar and the usual royalties for all other minerals mined and sold from said property.

3. That all royalties shall be paid on the fifteenth day of each calendar month following the production, sale and receipt of the sale price thereof.

4. Party of the second part, his heirs or assigns, shall keep an accurate record of all sales from this property which shall be open to inspection by the parties of the first part.

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

So long as this lease remains in force the party of the second part his heirs or assigns, in connection therewith shall have and enjoy 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 said operations.

(e) The right to construct and maintain roads, in such locations as the party of the second part may deem advisable, 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 constructed.

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

PARTIES OF THE FIRST PART:

_____

_____

_____

For the party of the second part

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 October 10, 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 _____ day of _____, 195___

E B Cagle

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

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dmai 2151

Date received 10-12-51

Participation

DEXTER HALL
GREEN'S CREEK
NORTH CAROLINA

CAGLE MINE

Name and address of applicant

Date 10/10/51

FILL IN THIS BLOCK

Date of application 10/10/51

Estimated cost $2.475.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 8½ miles southwest of Sylva, North Carolina

Date of filing MF-100 10/10/51

DMA Docket Number, if available

## INSTRUCTIONS

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

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Individual

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. Applicant has mined and processed minerals for more than 5 years

*5. Are you the owner or the lessee of the property? Lessee

6. If owner, state what claims, liens, or encumbrances, if any, are against the property.

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

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? 10% - sufficient in accordance with MO-5

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

16—64067-1

## THE PROPERTY

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

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

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

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

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

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

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

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

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

## THE EXPLORATION

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

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

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

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

## THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

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

## CERTIFICATION

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

DEXTER HALL
(Name of company)

By Dexter Hall
(Signature of authorized official)

10/10/51
(Date)

(Title)

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

*Same as footnote on page 1.

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

MF-103 DEXTER HALL, GREEN'S CREEK, N.C. 10/10/51

CAGLE MINE

10. Copy of lease attached. Entire property is being devoted to this application.

12. 7 miles west of Sylva (Railroad) on State Hwy 23, 1 mile south on Hall Road (County Road), then ¼ mile west on Cove Road to mine ( all good roads)

13. Sufficient water on property for all pruposes. No Power required.

14. No existing facilities.

15. Block mica will be sheeted and shipped from Sylva, N. C. (8¼ miles) or at Franklin, N.C. (12 miles).

16. Some work was done about 10 years ago; mainly a tunnel 30' to 40' into vein and good strategic ruby mica was extracted. Work did not continue because of low selling price and tunnel is now caved in.

20 Strategic mica.

21. New work under this exploratory application will consist of 4 or 5 dozer trenches, about 100' long, 25' wide and 15' deep (vein appears to be more than 600 feet long and very wide). Trenches will be cross-cut and test pits will be sunk. Exploration work will require 20 days.

23. COST OF PROJECT:

| | |
|---|---|
| Tractor-dozing trenching - 100 hours @$10.00 per hour | $1,000.00 |
| Timber for test pits | 100.00 |
| Engineer-Superintendent 12 days @$20.00 | 240.00 |
| Working Foreman 20 days @$15.00 | 300.00 |
| 3 Laborers 20 days @$10.00 per day each | 600.00 |
| Miscellaneous hand tools | 110.00 |
| Miscellaneous expenses, payroll taxes, office, sampling etc. | 125.00 |
| Total Cost of Project- - - - - - | $2,475.00 |

STATE OF NORTH CAROLINA
COUNTY OF JACKSON

THIS LEASE AGREEMENT, made and entered into this 10th day of October, 1951, by and between E. B. Cagle and wife Mattie Cagle of Green's Creek, North Carolina, parties of the first part, and Dexter Hall, of Green's Creek, North Carolina, party ofthe second part,

W I T N E S S E T H

That subject to the terms and conditions hereinafter set forth the said parties of the first part have let and leased unto the said 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, State of North Carolina, consisting of fifty three (53) acres, more or less, and being more particularly described as follows:

> Being the lands conveyed by J. B. Cagle, et al, by deed dated January 15, 1938, to E. B. Cagle, and recorded in the Office of Register of Deeds of Jackson County, North Carolina on May 21, 1938, in Book 129, Page 549.

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 term of five (5) years from date hereof; however, it is mutually agreed that, upon compliance with its terms and conditions, same shall be automatically extended from year to year.

2. As rental or royalty, the party of the second part, his heirs and assigns, shall pay to the parties of the first part a sum equal to ten percent (10%) of all sheet, pattern or block mica, One Dollar ($1.00) per ton for all scrap mica, fifty cents (50¢) per ton for all feldspar and the usual royalties for all other minerals mined and sold from said property.

3. That all royalties shall be paid on the fifteenth day of each calendar month following the production, sale and receipt of the sale price thereof.

4. Party of the second part, his heirs or assigns, shall keep an accurate record of all salesfrom this property which shall be open to inspection by the parties of the first part.

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

So long as this lease remains in force the party of the second part his heirs or assigns, in connection therewith shall have and enjoy 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 said operations.

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

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

PARTIES OF THE FIRST PART:

_____

_____

_____

For the party of the second part

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 ....., State of ....., described in a certain Exploration Project Contract dated ....., 195...., between .....,

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

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated ..... ....., 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 ..... day of ....., 195....

E B Cage

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

Form MF-100
(May 1951)

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
OCT 12 3 38 PM '51

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. dmd 2151

Date received 10-12-51

CAGLE MINE

DEXTER HALL
GREEN'S CREEK
NORTH CAROLINA

Name and address of applicant

Date 10/10/51

## INSTRUCTIONS

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

## GENERAL TECHNICAL DATA

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

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Strategic Mica
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. $8\frac{1}{4}$ miles S.W. of Sylva, N.C.
   (*b*) Mining district. Franklin-Sylva
   (*c*) Township, Section, Range. Green's 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. Applicant has mined and processed minerals for more than 5 years
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

**For Corporate Applicants**

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

*Indicate period covered.

10. Production: THIS IS AN EXPLORATION APPLICATION.
PRODUCTION WILL START WITHIN 20 DAYS AFTER EXPLORATORY WORK.

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

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

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by an 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: 7 mi. west of Sylva on State Hwy 23; 1 mi. south on Hall Road, then $\frac{1}{4}$ mile west on Cove Rd.

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

14. Water Supply: Sufficient for all purposes.

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

15. Power: None required

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

16. Labor: Exploration work will require 5 men.

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

17. Equipment and Facilities: none

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)

10/10/51
(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.**

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