DMA Form 1

DEFENSE MINERALS ADMINISTRATION
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DMA Docket No. 3677

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Exploration

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To:	600	Date	2/10/55
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To:	Oper Com	Date	3-3-55
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Docket Copy
Surname:

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

600

MAR 29 1955

Messrs. Bill Buchanan and
Lewis Grindstaff
Route #3
Bakersville, North Carolina

Re: Docket No. DMEA-3677 - Mica
Bill Buchanan and Lewis Grindstaff
Mack Thomas Mine
Mitchell County, North Carolina

Gentlemen:

Your application for aid for an exploration project and other reports available to us in Washington relating to the subject property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information indicates to us that the probability of disclosing significant reserves of mica by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

C. O. Mittendorf (Rho)

Administrator

JHopkins:gad 3/25/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.C.H.

Hopkins

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

March 23, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3677 (mica)

Applicant: Bill Buchanan and Lewis Grindstaff

Name and Location of Property: Mack Thomas Mine
Mitchell County, North Carolina

Date of Field Team Report: March 8, 1955

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: March 15, 1955

Field Team Recommendation:

1. Denial of the application.

Comments:

1. Two pegmatite dikes are exposed.
2. Mica is not abundant and is small in size.
3. No worthwhile deposit appears to exist.

Recommendation:

I concur with the field team recommendation to deny this application.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

Defense Minerals Administration
RECEIVED
MAR 16 1955

March 16, 1955

Re: DMEA-3677
B. Buchanan and
L. Grindstaff
(Mack Thomas Mine)
Mitchell Co., N. C.
$3,943 - Mica

Memorandum

To: L. G. Houk, Defense Minerals Exploration Administration

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of Field Team examination report

The Field Team has recommended the application be denied.

There have been several attempts made to operate a mine on this property. None of these have been successful, including work which was done during World War II. The old workings are inaccessible, but recent stripping has failed to disclose favorable evidence of strategic mica. The small size of the pegmatite bodies containing very limited amounts of mica do not represent favorable exploration targets.

I concur with the field examiners' conclusions and recommend this application be denied.

E. L. Newcomb
E. L. Newcomb

March 8, 1955

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 - 1955

Memorandum

To:

From:

Subject: Field Examination Reports:
DMEA-3631, Marie & Jennie Vaughn (mica-uranium) Georgia
DMEA-3677, Bill Buchanan & Lewis Grimdstaff(mica) N. C.
DMEA-3696, Confederate States Mining Co. (mica-beryl) Ga.

Enclosed are four copies of each of the subject examination reports.

We agree with the field examiners' recommendations for denial of all three applications.

These examinations were made without field referral, when our field examiners were in the area on other inspections.

Robert A. Laurence

V. J. Lynch,
U. S. Bureau of Mines
Member, DMEA Field Team.

RAL/sm
cc:
Lynch
Shirley
Files

Reviewed by
DMEA OPERATING COMMITTEE
3-11-55
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 - 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT, REGION V

ON

DMEA-3677, MACK THOMAS MINE (mica)
Mitchell County, North Carolina

BY

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

and

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

February 17, 1955

Reviewed by
DMEA OPERATING COMMITTEE
3-11-55
(date)

Department of the Interior
Defense Minerals Administration
RECEIVED
MAR 9 - 1955

DEFENSE EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT

FEB 17 1955

ON

DMEA-3677, MACK THOMAS MINE (mica)

Applicants: Bill Buchanan and Lewis Grindstaff, Route # 3, Bakersville, N. C.

Exposures available for inspection at this place do not suggest the presence of a worth while mica deposit. The examiners recommend that the application be denied.

The deposit was examined February 17, 1955. Mr. Bill Buchanan accompanied the examiners on the inspection which required two hours.

The Mack Thomas Mine is 1000 feet west of N. C. Highway No. 80, and one mile airline due south of Bakersville, Mitchell County, N. C. Access is possible by jeep at all times.

Workings consist of considerable recent bulldozer stripping - especially along the northeast end, one recent 25-foot shaft, a caved 40-foot shaft sunk in 1943 with an unknown amount of drifting, and several old caved pits near the southwest end. No openings are at present accessible, and at only two places is pegmatite exposed. Workings extend over a distance of approximately 300 feet.

It appears that at least two pegmatites occur. They are not continuous on strike and apparently pinch and swell. Where exposed the pegmatites are emplaced along a zone of fractured and contorted mica schist which has been converted to vermiculite schist in the zone of weathering. The pegmatites are mixed with wall rock and have a streaked appearence. Dump material consists mainly of glassy quartz and potash feldspar. The pegmatite appear to trend about N. 80° E., dipping 65-70° SE. Both are less than 4 feet thick.

Mica is not abundant. It is green colored, hard, free splitting, wavy, and mineral stained. Apparently all is in small sizes.

Work has been conducted at this place at three different periods. The recent work resulted in the production of a reported $400 worth of mica. Work during World War II was unprofitable. Nothing is know of the earliest work.

The examiners do not believe that a worthwhile deposit of strategic mica occurs. Also the last two attempts to work the deposit were unprofitable. Denial is recommended.

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

DMEA - 3677
Bill Buchanan
Lewis Grindstaff

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1955

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of North Carolina, County of Mitchell, described as follows:1/ BEGINNING on a maple tree in Bill Howell's line and runs north 80 east 13½ poles to a stake in Isaac McKinney's line; thence south with said line 27½ poles to a stake in the hollow; thence south ~~87 west 22 poles to an apple tree; thence north 49 west 13 poles~~ to a balm tree; thence north 12 poles to a stake in the hollow; thence ~~north 38 west 9 poles to a stake in Bill Howell's line; thence north~~ 19 west with Howell's line 3 poles 13½ feet to a stake; thence north ~~10 west 72 east 24 poles and 4 feet with Howell's line to the~~ BEGINNING, and containing 4½ acres, more or less.

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

2/ Bill Buchanan and Lewis Grindstaff

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book 75 page 445 official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

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

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

(OVER)

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

4. Changes and added provisions In paragraph 2 the words "the period fixed in the contract or any amendment thereof has" are substituted for "ten years have."

Dated this 10 day of March, 1955.

J. A. Buchanan [Seal]

Ella Buchanan [Seal]

[Seal]

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1955

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of North Carolina, County of Mitchell, described as follows:1/ BEGINNING on a maple tree in Bill Ewell's line and runs north 80 east 13 poles to a stake in Isaac Tolliver's line; thence south with said line 37½ poles to a stake in the hollow; thence south 87 west 27 poles to an maple tree; thence north 49 west 13 poles to a hickory tree; thence north 22 poles to a stake in the hollow; thence north 30 west 9 poles to a stake in Bill Ewell's line; thence north 19 west with Ewell's line 1 pole 15 feet to a stake; thence north 15/16 72 east 6 poles and 5 feet with Ewell's line to the beginning, containing 4½ acres, more or less.

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

2/ Bill Ewell and Ruth Ewell

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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

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

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

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Dated this 10th day of March, 1955.

J. A. Buchanan [Seal]

Ella Buchanan [Seal]

[Seal]

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1955

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

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

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

2/ [illegible]

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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

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2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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

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

(OVER)

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4. Changes and added provisions In paragraph 2 the words "the period fixed in the contract or any amendment thereof has" are substituted for "ten years have".

Dated this 10th day of March, 1955.

J. F. Buchanan [Seal]

Ella B. Buchanan [Seal]

[Seal]

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of North Carolina, County of Mitchell, described as follows:1/ BEGINNING on a maple tree in Bill Howell's line and runs north 80 east 13½ poles to a stake in Isaac McKinney's line; thence south with said line 27½ poles to a stake in the hollow; thence south 87 west 22 poles to an apple tree; thence north 49 west 13 poles to a balm tree; thence north 12 poles to a stake in the hollow; thence north 38 west 9 poles to a stake in Bill Howell's line; thence north 19 west with Howell's line 3 poles 13½ feet to a stake; thence north ~~19 west~~ 72 east 24 poles and 4 feet with Howell's line to the BEGINNING, and containing 4½ acres, more or less.

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

2/ Bill Buchanan and Lewis Grindstaff

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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Dated this 10th day of March, 195 5

J. A. Buchanan [Seal]

Ella Buchanan [Seal]

[Seal]

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of North Carolina, County of Mitchell, described as follows:1/ BEGINNING on a maple tree in Bill Powell's line and runs north 80 east 13½ poles to a stake in Isaac McKinney's line; thence south with said line 27½ poles to a stake in the hollow; thence south 87 west 22 poles to an apple tree; thence north 49 west 13 poles to a hickory tree; thence north 12 poles to a stake in the hollow; thence north 38 west 9 poles to a stake in Bill Powell's line; thence north 19 west with Powell's line 3 poles 13½ feet to a stake; thence north 72 east 24 poles and 4 feet with Powell's line to the BEGINNING, and containing 4½ acres, more or less.

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2/ Bill Buchanan and Louis Grimstaff

hereinafter called the "Operator"; and

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J. A. Buchanan [Seal]

Ella Buchanan [Seal]

[Seal]

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

DEPARTMENT OF THE INT
Defense Minerals Administration
RECEIVED
MAR 11 1955

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2/ Bill Buchanan and Lewis Grindstaff

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Dated this 10 day of March, 1955.

J. A. Buchanan [Seal]

Ella Buchanan [Seal]

[Seal]

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1955

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

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

_____

_____

_____

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

2/_____

_____

_____

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4. Changes and added provisions In paragraph 2 the words "the period fixed in the contract or any amendment thereof has" are substituted for "ten years have."

Dated this 10th day of March, 1955.

J. A. Buchanan [Seal]

Ella Buchanan [Seal]

[Seal]

DOCKET COPY
Surname:

Hopkins
Hoyle
Selfridge
Johnson

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

600

MAR 7 - 1955

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V
Room 13, Post Office Bldg.
Knoxville 2, Tennessee

Subject: Docket No. DMEA-3677 - Mica
Bill Buchanan and Lewis Grindstaff
Mack Thomas Mine
Mitchell County, North Carolina

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it necessary. If a project is recommended please show location of proposed work with relation to the nearest property line or corner.

Copies of memoranda from the Geological Survey, dated February 14, 1955, and from the Bureau of Mines, dated February 24, 1955, are enclosed for your information.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (GLB)

Approved:

J. H. Hedges (GLB)
Member, Bureau of Mines

E. L. Newcomb (GLB)
Member, Geological Survey

Enclosures 4

JHopkins:ad 3/2/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

RCB.

DOCKET COPY
Surname:

Hope
Houk
Hedges
Newcomb
Selfridge
Fajman

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

600

MAR 7 - 1955

Messrs. Bill Buchanan and
Lewis Grindstaff
Route #3
Bakersville, North Carolina

Re: Docket No. DMEA-3677 - Mica
Bill Buchanan and Lewis Grindstaff
Mack Thomas Mine
Mitchell County, North Carolina

Gentlemen:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Lawrence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee, for further consideration and possibly a field examination.

We are enclosing 7 copies of Owner's Consent to Lien forms which should be executed by J. A. Buchanan and Ella Buchanan, and forwarded to this office.

The Regional Office will contact you at an early date if an examination is to be made. Any assistance that you may give the members of the field team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Enclosures 7

JHopkins:ad 3/2/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.C.B.

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

February 24, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3677 (mica)

Applicant: Bill Buchanan & Lewis Grindstaff

Name and Location of Property: Mack Thomas Mine
Mitchell County, North Carolina

Date Application Rec'd. by Br. of Ceram. & Fert. Mat.: Feb. 11, 1955

Comments:

1. No record of any sales to GSA from Mack Thomas Mine, as stated in 4(a).

2. Proposed exploration is not explicit and the estimate of expenditures should be made on a unit-cost basis.

3. Although it would be desirable for the applicant to furnish more complete information, it appears that a visit by an examiner would furnish more useful data.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 15 1955

February 14, 1955

Re: DMEA-3677
Bill Buchanan and
Lewis Grindstaff
Mack Thomas mine
Mitchell Co., N. C.
$3,943 - Mica

Memorandum

To: L. G. Houk, Defense Minerals Exploration Administration

From: D. A. Brobst, U. S. Geological Survey

Subject: Review of application

A project is proposed to sink a new 60 foot shaft on the property and then drift 30 feet along the pegmatite in two directions. The cost of the proposal amounts to $3,943 and is to be completed in three months. Some mica has been mined on the property during World War II. The mine is shown as #103 on plate 1 of U.S.G.S. Bull. 936A. There is no information about the geology of the pegmatite on the application, and there is none in the Survey files. Before further judgements can be made, the Field Team will have to examine property.

D A Brobst
D. A. Brobst

February 10, 1955
Subject: DMEA 3677
Re: Exploration Assistance
Mack Thomas Mine

Messrs. Bill Buchanan and
Lewis Grindstaff
Route 3
Bakersville, North Carolina

Gentlemen:

The receipt of your application dated February 1, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 3677 and referred to the Nonmetallic Minerals Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

60932

February 10, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region V

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region V.

DMEA - 3677 Bill Buchanan & Lewis Grindstaff

Robert E. Adams,
Chief, Operation's Control
and Statistics Division

P.S. Will you please see that all copies of applications are stamped with the date received, before mailing to the Washington office.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 205 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

Defense Minerals Administration
RECEIVED
FEB 9 1955

February 7, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V - Knoxville, Tenn.

Subject: Application: Bill Buchanan & Lewis Grindstaff (mica)
Bakersville, N. C. Mack Thomas Mine.

Transmitted are three copies of the subject application with a copy of the mining lease attached. One copy of the application has been retained in this office.

Robert A. Laurence

Robert A. Laurence

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 25 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 9 1955

February 7, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V - Knoxville, Tenn.

Subject: Application: Bill Buchanan & Lewis Grindstaff (mica)
Bakersville, N. C. Mack Thomas Mine.

Transmitted are three copies of the subject application with a copy of the mining lease attached. One copy of the application has been retained in this office.

Robert A. Laurence

RM.
cc:
Lynch
Shirley
Files

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Bureau of Mines
RECEIVED
FEB 9 1955

Form Approved
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. 3677
Metal or Mineral Mica
Date Received 2-9-55
Estimated Cost $3,943
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Bill Buchanan and Lewis Grindstaff, Route #3, Bakersville, North Carolina

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract See attached sheet

(*b*) State any mine name by which the property is known. Mack Thomas Mine.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Lessees

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. See attached lease, which has been duly recorded.

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See attached sheet.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. See attached sht.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. Vein.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See attached sheet.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

Manpower, materials, supplies, equipment and power are all readilly available.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you will to explore Green Mica.

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. See attached sketch.

(*c*) The work will start within 30 days and be completed within 90 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. See attached sheet.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.). See attached sheet for detailed statement of costs.

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

☐ Money ☒ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated February 1st, 1955.

Bill Buchanan & Lewis Grindstaff
(Applicant)

By Bill Buchanan

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—66551-1

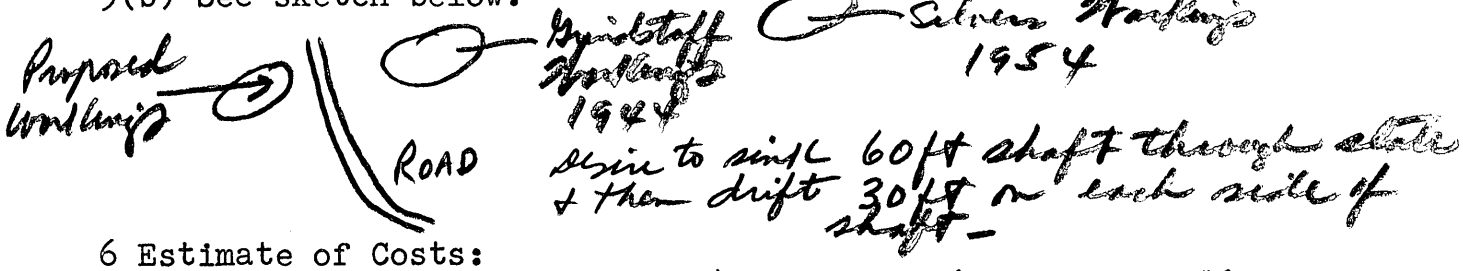
3(a) BEGINNING on a maple tree in Bill Howell's line and runs north 80 east 13½ poles to a stake in Isaac McKinney's line; thence south with said line 27½ poles to a stake in the hollow; thence south 87 west 22 poles to an apple tree; thence north 49 west 13 poles to a balm tree; thence north 12 poles to a stake in the hollow; thence north 38 west 9 poles to a stake in Bill Howell's line; thence north 19 west with Howell's line 3 poles and 13½ feet to a stake; thence north 72 east 24 poles and 4 feet with Howell's line to the BEGINNING, and containing 4½ acres, more or less, and being same and identical lands as conveyed by John Buchanan and wife to Jessie Buchanan by deed dated April 2, 1920, which deed is of record in Book 75 of Deeds at page 445, Mitchell County registry.

4(a) Mining operations were carried on here in 1944 and some three months ago there was some mining done here on a small scale. Some $70 mica was sold from this mine to the government depot according to applicant's information.

(b) This was mined during World War II and it is believed that the operation would prove profitable.

(d) Located on N. C. Highway #80-Turn off of this highway at the residence of Cleve Silvers and go west on a dirt road about one-fourth of a mile. It is located about 12 miles from Spruce Pine, North Carolina.

5(b) See sketch below:



6 Estimate of Costs:

Labor:	Hoist Operator $1.25 hr. 40 hrs week-60 days	$600.00
	Drill Operator $1.25 hr. 40 hrs. week-60 days	600.00
	2 muckers $1 hr. each 60 days	960.00
	Hoist and Tool House	150.00
	Magazine	25.00
	Power	13.00
	Timber & Lumber	200.00
	Fuel, grease & oil	400.00
	Explosives and caps	405.00
	Tools	40.00
	Repairs	250.00
	Contingencies	300.00
	Total	$3943.00

Note: One of applicants has had considerable experience. This mine is located about 1½ miles from Sink Hole Mine, and about the same distance from Howell's mine. It is also located near Devil's looking Glass Mine.

DEPARTMENT OF ...
Defense Minerals Administration
RECEIVED
FEB 9 1955

MINING LEASE

State of North Carolina Mitchell County:

This indenture made this 1st day of February 1955, ~~XXXX~~

between J. A. Buchanan and wife, Ella Buchanan

of Mitchell County and State of North Carolina as party of the first part, and known as lessor~~s~~, and Bill Buchanan and Lewis Grindstaff

of Mitchell County and State of North Carolina, party of the second part and known as lessee.

WITNESSETH, That the part~~ies~~ of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor~~s~~ and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit:

That certain tract of land lying and being in Bakersville Township, Mitchell County, N. C. and adjoining the lands W. M. Howell, Isaac McKinney John Buchanan and others and more particularly described in a certain deed dated April 2, 1920, from John Buchanan and wife, Eliza Buchanan to Jesse Buchanan, which deed is recorded in the office of Register of Deeds for Mitchell County in Book No. 75, page445, to thich reference is made for a more definite description

TO HAVE AND TO HOLD the said lands to him, for mining purposes, the said lessee and his heirs and assigns for the aforesaid period of five years in compliance with the condition of this instrument, for the purpose and with the right to dig, quarry, search, explore for, obtain, and remove any kind of minerals, metals or fossils, and particularly mica, and to conduct the same to any extent the said party of the second part, the lessee, may desire. And it is hereby agreed between the parties to this agreement that the party of the second part is to have the use of any unoccupied buildings on said lands for mining purposes, and that he shall have the right to erect such buildings as he needs to carry on such mining operatins during the period of this lease, and that the party of the second part shall keep the same in as good condition as when received, unavoidable accidents excepted. And it is also agreed by the party of the second part that no unnecessary damage is to be done to the lands herein leased during the period of this lease and the continuance of said lease, but the said party of the second part shall have the right to take from said lands leased to the party of the second part any wood or timber the party of the second part may need to carry on said mining operations or which may be needed to carry on the addition to existing buildings or to erect new buildings or sheds on said lands. (Timber of high or special market value is excepted and shall not be used by the lessee.) And it is hereby agreed that the party of the second part, the lessee, is to have right-of-way of ingress and egress to said mines or land upon which exploration is being conducted.

AND IT IS FURTHER AGREED That the party of the second part, the lessee hereby agrees to pay to the said part~~ies~~ the first part, or his or their heirs or assigns, a rental royalty of ~~one-eighth of the selling price~~ of mica and other

on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, shall have the option to renew this lease and to extend the period of its running for an additional five years from the date of its present termination. The option shall be exercised by giving formal written notice to the party of the first part or by the continuation of any mining operations then being conducted. The lessor___ reserve the right to use the land, or convey the same not conflicting with this lease, but under any conveyance the terms of this lease must be recognized by the grantee, purchaser, or assigns thereof. And it is agreed that the lessee may assign this mining lease or any part thereof and that he may sublease.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, is hereby given an option to purchase all the right, title and interest, legal and equitable to and in the real estate described and set forth in this lease for a total purchase price of_____, said purchase price to be paid in full within three years from the date of this instrument and it is agreed that all rental royalties paid to the party of the first part shall apply toward and be a part of the total purchase price above set forth, and that at such time that the total purchase price is paid in the form of royalties or a lump sum payment or a combination of both, the party of the first part will execute a special warranty deed to the party of the second part and that a tender of the remaining purchase price at any time within the next three years shall entitle the party of the second part to specific performance of this option contract.

BUT IT IS EXPRESSLY AGREED That unless mineral or fossil material of practical value for mining purposes shall be found within a period of two years from the date of this instrument, the lease may be terminated by the lessee at any time thereafter on thirty days notice to the lessor~~s~~ The lessee agrees that during the period of this lease or the continuance of this lease work in said mines or exploration for new mines within the area leased shall not cease longer than ninety days at a one time, unavoidable accidents excepted.

WITNESS our hands and seals the day and year first above written.

Witness:

R. B. Turner J.P.

J. A. Buchanan

Ella Buchanan

MITCHELL COUNTY

NORTH CAROLINA

I, R. B. Turner, a J. P., of Mitchell County. North Carolina, do hereby certify that J. A. Buchanan and wife Ella Buchanan, this day personally appeared before me and acknowledged the due execution of the annexed Mining Lease. Let the instrument with this certificate be registered.

Witness my hand and Official seal, this the 1st day of February, 1955

R. B. Turner J. P.

State of North Carolina,
Mitchell County.

The foregoing certificate of R. B. Turner, a J. P. of Mitchell County, is adjudged to be sufficent.

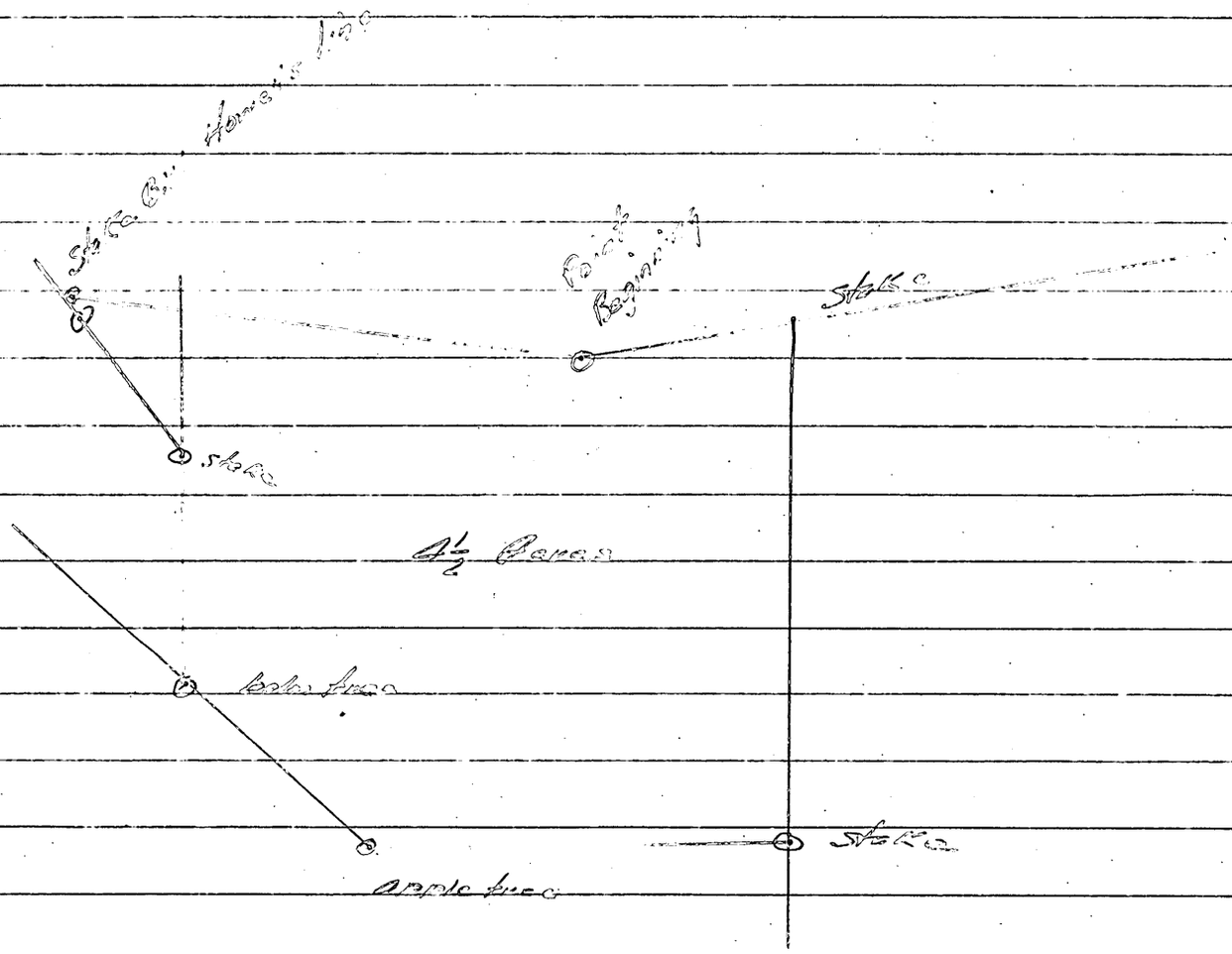
Therefore let the instrument with the certificates be registered.

Witness my hand this the 1st day of February, 1955.

Pom McKinney
Deputy Clerk Superior Court.

Filed for Registration on the 1 day of Feb. 1955 at 1:15 o'clock P. M., and Registered in the office of the Register of Deeds for Mitchell County, N. C. this 1st day of Feb. 1955 at 1:20 o'clock P. M., in Book 16 of Deeds, on Page 84 etc.

Anne Rae Hughes, Reg.
Register of Deeds


Stake
Stake
Point Beginning
Stake
4½ Acres
Stake
Stake