DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3729

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Cys to USBM, USGS, and Reg. V.

This document has been recorded as

Exploration

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

Routing Slip

To:	600	Date	3/21/55
To:	Hopkins	Date	3/23/55
To:	Open Com	Date	4-7-55
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CONTROLLED DOCUMENT

Docket File
Surname:

Hill
Elkins
Geehan
Kilsgaard
Martin
Johnson

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

600

AUG 10 1955

Messrs. Ed Huskins and Fred Gage
Route 3
Bakersville, North Carolina

Re: Docket No. DMEA-3729 - Mica
Ed Huskins and Fred Gage
Gage Prospect
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 (for)

Administrator

JHopkins:pk 8/2/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Hopkins

R.C.S.

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

August 2, 1955

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Denial of exploration assistance and summary report

By: James Hopkins

1. Docket No. DMEA-3729 - Mica
Property: Gage Prospect
Mitchell County, North Carolina
Applicant: Ed Huskins and Fred Gage
Bakersville, North Carolina
Application: MF-103 dated March 16, 1955
Work proposed:

Bulldozing 15 hrs @ $10.00/hr	$ 150.00
Shaft sinking 85 ft @ $50.00/ft	4,250.00
Drifting 100 ft @ $35.00/ft	3,500.00
Total estimated cost	$7,900.00

No contract Application denied

2. Comments

Originally a shallow pit had been dug on this prospect. A little feldspar is shown on dump. Subsequently the area around an old pit was stripped and exposed a non-mica-bearing pegmatite. No additional work is recommended by the Field Team.

The trench 75' x 10' x 12' exposed a feldspar pegmatite containing potash feldspar, scattered quartz, fine scales of muscovite and shreds of biotite. It lies conformable to the biotite-kyanite gneiss wall rock.

There appears to be little likelihood that mica of strategic grade occurs in the deposit.

The Field Team recommends denial of the application. The Nonmetallic Minerals Division concur in the recommendation. The mica commodity members of the Bureau of Mines and Geological Survey also concur in the denial.

James Hopkins
Nonmetallic Minerals Division

Docket File
Surname:

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

August 2, 1955

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

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Mitchell County, North Carolina
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No contract Application denied

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2. Comments
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The trench 75' x 10' x 12' exposed a feldspar pegmatite containing potash feldspar, scattered quartz, fine scales of muscovite and shreds of biotite. It lies conformable to the biotite-kyanite gneiss wall rock.

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The Field Team recommends denial of the application. The Nonmetallic Minerals Division concur in the recommendation. The mica commodity members of the Bureau of Mines and Geological Survey also concur in the denial.

James Hopkins
Nonmetallic Minerals Division

JHopkins:pk 8/2/55
Copy to: Admr. R. File
Mr. Houk
Mr. Hopkins
Docket

IN REPLY REFER TO:

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

RECEIVED
JUL 1 8 1955

July 15, 1955

Re: DMEA 3729
Ed Huskins and
Fred Gage
Gage Prospect
Mitchell Co., N. C.
$7,900 - Mica

Memorandum

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

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team report.

A small amount of stripping changed the impression given by the vein material that strategic mica would be found.

I concur with the recommendation of denial of the Field Team.

N. E. Nelson

N. E. Nelson

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

RECEIVED
JUL 13 1955

July 13, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA - 3729 (mica)

Applicant: E. Huskins and F. Gage

Name and Location of Property: Gage Prospect
Mitchell County, North Carolina

Date of Field Team Report: June 27, 1955

Date Rec'd by Br. of Ceramic and Fertilizer Materials: July 13, 1955

Field Team Recommendation: Recommend denial of application.

Comments:

1. Exposures at this mine are poor and give little evidence that a worthwhile deposit of strategic mica exists.

Recommendation:

I concur with the field team's recommendation.

W. F. Dietrich

W. F. Dietrich

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1-1 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

July 8, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team DMEA - Region V - Knoxville

Subject: Field Examination Report, DMEA-3729 (mica) Ed Huskins and Fred Gage, Bakersville, N. C. Gage Prospect, Mitchell Co., N. C.

Enclosed are four copies of the subject examination report.

We recommend denial of the application.

Robert A. Laurence
Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch
V. J. Lynch, Member
U. S. Bureau of Mines

RECEIVED
JUL 11 1955

Reviewed by
DMEA OPERATING COMMITTEE
7-13-55
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXAMINATION REPORT BY FIELD TEAM
REGION V

On

DMEA-3729 (mica) GAGE PROSPECT
Mitchell County, N. C.

BY

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

Reviewed by
DMEA OPERATING COMMITTEE
7-13-55
(date)

June 27, 1955

RECEIVED
JUL 11 1955

FIELD EXAMINATION REPORT
On

DMEA-3729 (mica) GAGE PROSPECT

Applicants: Ed Huskins and Fred Gage, R#3, Bakersville, North Carolina

Originally a shallow pit had been dug at this place. A little feldspar was present in the dump. Not enough exposures were available to permit an appraisal. Subsequently the applicant stripped an area around the old pit exposing a non-mica-bearing pegmatite. Additional work is not warranted, thus the application should be denied.

A visit was made to this deposit on April 20, 1955. After bedrock was exposed, another examination was made on June 27, 1955. At the time of the first examination Messrs. Ed Huskins and Fred Gage were present, but at the later examination only the examiners were present. A total of three hours were spent on the two inspection.

The Gage Prospect is in the same valley as the George Howell Mine and Prospect - to the southwest. It is 2.4 (airline) miles S 10° W of Bakersville, Mitchell County, N. C. Access is possible at all times to within 300 feet of the Prospect.

The recent trench is 75' x 10' x 12', made mostly in soil. A feldspar pegmatite is exposed 25 feet on its strike in the trench. The pegmatite contains potash feldspar, scattered quartz, fine scales of scrap muscovite and shreds of biotite. It strikes N. 30° E and dips steeply southeast, conformable to the biotite-kyanite gneiss wall rock.

There appears to be little likelihood that mica of strategic grade occurs in this deposit. Denial is recommended.

Date of Exam: June 27, 1955.

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

z

FILE COPY
Surname:

Hopkins
Houk
Selfridge
Johnson
Mitchell

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

600

APR 11 1955

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

Subject: Docket No. DMEA-3729 - Mica
Ed Huskins and Fred Gage
Gage Prospect
Mitchell County, North Carolina

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it necessary.

Copies of memoranda by E. L. Newcomb of the Geological Survey, dated March 24, 1955, and W. F. Dietrich of the Bureau of Mines, dated April 4, 1955, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JHB)

Approved:

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

Thor H. Kiilsgaard (JHB)
Member, Geological Survey

Enclosures 4

JHopkins:ad 4/5/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.A.L.

Docket Copy
Surname:

Houk
Kiilsgaard
Hedges
Geffroy
Fehrman

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

APR 11 1955

Messrs. Ed Huskins and Fred Gage
Route 3
Bakersville, North Carolina

Re: Docket No. DMEA-3729 - Mica
Ed Huskins and Fred Gage
Gage Prospect
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. Laurence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee, for further consideration and possibly a field examination.

The Owner's Consent to Lien forms submitted with your application are being returned because the signed original is incomplete. We are enclosing seven copies of the new form Owner's Consent to Lien, revised March 24, 1955, to be executed and returned to this office. Kindly inform the Owners that each copy should be signed.

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 14

JHopkins:gad 4/8/55
Copy to: Admr. R. File
Docket
Field Team, Region V
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.C.G.

FILE COPY
Surname: Hopkins Houk

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

600

Messrs. Ed Huskins and Fred Gage
Route 3
Bakersville, North Carolina

Re: Docket No. DMEA-3729 - Miea
Ed Huskins and Fred Gage
Gage Prospect
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. Laurence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee, for further consideration and possibly a field examination.

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,

Administrator

JHopkins:ad 4/5/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

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

Defense Minerals Exploration Administration
RECEIVED
APR - 5 1955

April 4, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3729 (mica)

Applicant: Ed Huskins and Fred Gage

Name and Location of Property: Gage Prospect
Mitchell County, North Carolina

Date Application Rec'd. by Br. of Ceramic & Fertilizer Mtls.: 3/21/55

Comments:

1. From the limited information presented it is difficult to determine if an exploration program is justified or if the proposed plan would be the best method of explorating this property.

2. 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.

March 24, 1955

Re: DMEA-3729
E. Huskins & F. Gage
(Gage Prospect)
Mitchell Co., N. C.
$7,900 - Mica

Memorandum

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

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

Subject: Review of application

The applicant has requested exploration assistance to further explore a pegmatite body for strategic grade mica. The project will include 15 hours of bulldozing, sinking an 85 foot shaft and 100 feet of drifting.

We do not have any available information in our files on the Gage prospect. The prospect may be familiar to the Field Team examiners.

Although there is a paucity of data in this application, I recommend a referral to the Field Team. If they believe an on-site examination may be warranted, they could plan to visit the property when in the immediate area.

E. L. Newcomb

E. L. Newcomb

March 21, 1955
Subject: DMEA 3729
Re: Exploration Assistance
Gage Prospect

Messrs. Ed Huskins and
Fred Gage
Route 3
Bakersville, North Carolina

Gentlemen:

The receipt of your application dated March 16, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 3729 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

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 18 1955

Not to be filled in by applicant

Docket No. 3729
Metal or Mineral Mica
Date Received 3-18-55
Estimated Cost $7,900
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: Ed Huskins and Fred Gage
Bakersville, Route 3, N. C.
Partnership

(*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 Legal description given on attached lease.

(*b*) State any mine name by which the property is known. Gage Prospect

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

(*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. Lease attached.

(*e*) If you own the land, describe any liens or encumbrances on it Not land owner.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. None

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.

(*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.

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

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

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

(*c*) The work will start within 30 days and be completed within ..... 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 sheet. Ed Huskins now on file with DMEA.

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: See sheet.

(*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.).

(*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)? Yes. Will furnish required 25%.

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

[X] 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 March 16, 1955

Ed Huskins and Fred Gage
(Applicant)

By Ed Huskins
Partner

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 18 1955

MF-103 (Continuation Sheet)

4. (a) No previous mining operations. This is a new prospect.

   (b) No past production.

   (c) From the vein material it is believed that mica of strategic quality may be found at this site by exploration work.

   (d) Project is accessible to roads, shipping, etc.

   (e) Manpower, equipment and supplies are available. Power is within 150 yards.

5. (b) We propose to bulldoze a cut across a wide area, determine best site then sink shaft 85', and drift 100' best way with vein.

6. Estimate of costs:

Bulldoze 15 hrs. @ 10.00 per hr.	$ 150.00
Sink shaft 85' @ $50.00 ft.	4250.00
Drift 100' with vein @ $35.00 ft.. . . .	3500.00
Total estimated cost	$ 7900.00

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 18 1955

Fred Gage

Mr. Gage was born in Mitchell County and has spent most of his life here. He is now 39 years old, and has mined for himself at odd times all his adult life in and around this area.

Mr. Gage has been in the produce business for himself for about fifteen years, doing some mining on the side during this time.

He gives the following references:

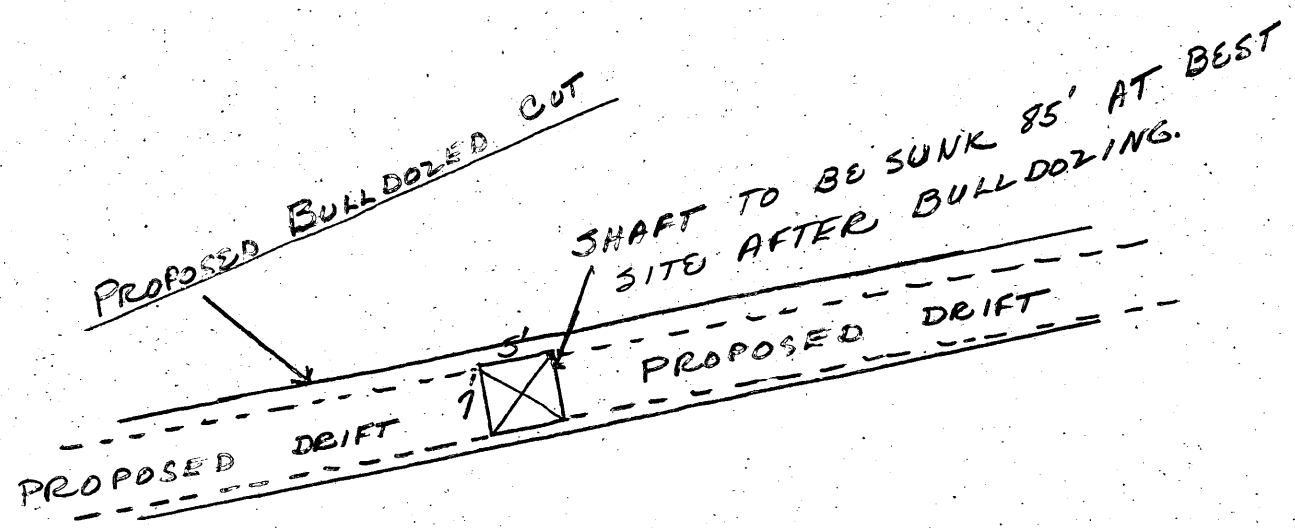
Mr. M. L. Buchanan
Bakersville, Route 3
North Carolina

Northwestern Bank
Bakersville, N. C.

Mr. Winston Felts
Spruce Pine, N. C.

GAGE PROSPECT

MITCHELL COUNTY
N.C.



MINING LEASE

Division of Mineral Administration
RECEIVED

State of North Carolina Mitchell County:

This indenture made this 14th day of March, 1955, ~~1933~~

between E. L. Briggs and wife, Eloise Briggs

of Yancey County and State of North Carolina as party of the first part, and known as lessor s, and Edd Huskins and Fred Gage

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

WITNESSETH, That the parties of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessors, 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:

Beginning on a Hickory tree located 105' N.E. of a small opening known as the Gage Prospect and running 250' North; thence 500' East; thence 500' South; thence 500' West; thence 500' North; thence 250' East to a point of closing. This property lying in Mitchell County, N. C.

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___ of the first part, or his or their heirs or assigns, a rental royalty of 1/8

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
op
le
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Added provisions:

It is further agreed by lessees that

1. All mica mined from said mine is to be weighed each time it is brought from the mine to the mica house and a record kept of all mica mined and the weights of same.

2. All mica to be stored and worked separate and apart from any other mica mined from any other mine.

3. Work is to begin when Federal loan is approved.

4. No transfer will be made without Lessor's consent in writing.

5. All royalties to be paid immediately after each and every sale.

6. The lessors have the right to visit the mine and mica house where mica is stored at any time they desire.

7. Mine will be left in a workable condition and clean of all muck.