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AUG 1 0 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. E. Mittendorf

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

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: NF-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 1[illegible]' 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

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

IN REPLY REFER TO:

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

July 15, 1955

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

Memorandum

To: L. G. Hauk, 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

NENelson:iml
G-7/15/55

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
W. F. Dietrich, 3061

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.

SIGNED
W. F. Dietrich

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 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
EXECUTIVE OFFICER
DMEA REGION V

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

ZM
cc:
Lynch
Shirley
Files

RECEIVED
JUL 11 1955

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

June 27, 1955

RECEIVED
JUL 11 1955

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FIELD EXAMINATION REPORTO
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

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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

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

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 - Mica
Ed Huskins and Fred Gage
Gage Prospect
Mitchell County, North Carolina

Gentlemen:

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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

600

APR 11 1955

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

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

Dear Mr. Lawrence:

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

Copies of memoranda by R. L. Nauman 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

Approved:

J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
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

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

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 exploring 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.

Signed

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. Hankins & 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

ELNewcomb:hlm
G-3/24/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
W. F. Dietrich, 3061 Interior