JUN 3 0 1955 600

Messrs. Brown McKinney and
R. P. Greene
Bakersville, North Carolina

Re: Docket No. DMEA-3783 - Mica
Brown McKinney and R. P. Greene
Nelson Woody Prospect
Yancey 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

Administrator

WCAnderson 6/20/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

June 28, 1955

Memorandum

To: The Files

From: Walter C. Anderson, Nonmetallic Minerals Division

Subject: Evaluation of application and field examination report
Docket No. DMA-3783 - Mica
Brown McKinney and R. P. Greene
Nelson Woody Prospect
Yancey County, North Carolina
Denial of application is recommended.

Mica: ruby colored, books are small, badly cracked, bent, wavy and all is mineral stained.

Pegmatite: Unzoned, conformable, about 8 feet thick, and contains small inclusions of country rock. Composed of soda feldspar, scattered small quartz, much biotite and sparse muscovite.

O

Old workings: Old adit 50 feet long and 15-foot pit.

Method of exploring: The applicant proposes to uncover pegmatite by bulldozing, lower existing shaft 55 feet and drive 75 feet of drifts.

Recommendation: Because of the inferior grade and sparse occurrence of the mica, the field team recommends denial. The Nonmetallic Minerals Division, Geological Survey and Bureau of Mines concur.

Walter C. Anderson, Mining Engineer

WCAnderson/ai
7/15/55
cc to: Admr. Reading File
Docket (original)
Mr. Houk
Mr. Anderson

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SECRETARY
WASHINGTON 25, D. C.

RECEIVED
JUN 28 1955

June 28, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA - 3783 (mica)

Applicant: McKinney and Greene

Name and Location of Property: Nelson Woody Prospect
Yancey County, North Carolina

Date of Field Team Report: June 10, 1955

Date Rec'd by Br. of Ceramic & Fertilizer Materials: June 17, 1955

Field Team Recommendation: Denial of project

Comment:

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

2. Possibility for discovery of a worthwhile deposit of strategic mica is considered poor.

Recommendation:

I concur with the field team's recommendation for denial.

W. F. Dietrich

IN REPLY REFER TO:

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

RECEIVED
JUN 16 1955

June 15, 1955

Re: DMEA-3783
McKinney and Greene
Nelson Woody Prospect
Yancey Co., N. C.
Mica

Memorandum

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

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

Subject: Review of field examination report

As described, the mica of this pegmatite lacks quality, and work is not justified.

I concur with the recommendation of the Field Team.

N. E. Nelson

N. E. Nelson

NENelson:hlm
G-6/15/55

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

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

RECEIVED
JUN 1 5 1955

June 10, 1955

Memorandum

To: Operating Committee - DMEA - Washington

From: DMEA Field Team, Region V, Knoxville, Tennessee

Subject: Field Examination Report - DMEA-3783 (mica) McKinney & Greene, Bakersville, N. C. Nelson Woody Psospect, Yancey County, N. C.

Enclosed are four copies of the subject examination report.

We agree with the examiners' findings, that this pegmatite does not show sufficient promise for exploration. Therefore, we recommend denial of the application.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch, Member
Bureau of Mines

RAL/zm
cc:
Lynch
Shirley
Files

RECEIVED
JUN 13 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION, REGION V

On

DMEA-3783, (mica) NELSON WOODY MINE
Y ancey County, N. C.

BY

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

June 2, 1955

FIELD EXAMINATION REPORT
On

DMEA-3783, (mica) NELSON WOODY PROSPECT

Applicants: Brown McKinney and R. P. Green, Bakersville, North Carolina

Mica is not abundant, it is of inferior grade, and working conditions would be difficult. The examiners do not believe a significant deposit of strategic mica occurs at this deposit; therefore, we recommend that the application be denied.

This deposit was examined on June 2, 1955. Messrs Brown McKinney, R. P. Greene, and Nelson Woody, accompanied the examiners on the examination which required one hour.

The Nelson Woody Prospect is along the south side of Brush Creek Road, along the south side of Little Brush Creek in the northeast corner of Yancey County, N. C. It is 4.0 airline miles S. 62° W. of Bakersville and is readily accessible at all times.

Workings at this place consist of an old adit about 50 feet long which is now caved. This adit passed under the present road. Within the past year, someone has sunk a 15-foot pit in the pegmatite from the south bank of the road. All waste material from this opening had to be dumped on the opposite shoulder of the road.

The pegmatite is normal to the road. It strikes N. 45° E. and dips 55° SE. The hornblende gneiss country rock is conformable to the pegmatite. The pegmatite is unzoned, about 8 feet thick, and contains small inclusions of wall rock, and is composed of soda feldspar, scattered small quartz, much biotite, and sparce muscovite. Zones of movement are exposed in the pit.

The muscovite is scattered throughout the pegmatite. The books are small, badly cracked, bent and wavey. It is ruby colored, but all examined is to a greater or less extent mineral stained.

The examiners recommend that the application be denied.

Examined: June 2, 1955

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

9 1955

Messrs. Brown McKinney and
R. P. Greene
Bakersville, North Carolina

Re: Docket No. DMEA-5743 - Mica
Brown McKinney and R. P. Greene
Nelson Wendy Prospect
Yancey 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. Lampman, 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,

C. O. Mittendorf

Administrator

WGAnderson:ed 4/29/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Killegsard, 5222
Mr. Dietrich, 3061
Mr. Hauk

600

MAY - 2 1955

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

Subject: Docket No. DMEA-5783 - Mica
Bryan McKinney and R. P. Greene
Nelson Dandy Prospect
Yancey 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 from I. L. Kornegay of the Geological Survey, dated April 25, 1955, and from Donald E. Irving of the Bureau of Mines, dated April 26, 1955, are enclosed for your information.

Sincerely yours,

W. S. Martin

ACTING Chairman, Operating Committee

Approved:

M. E. Volin

Member, Bureau of Mines

/s/ R. D. Trace

Member, Geological Survey

Enclosures 4

WGAnderson:ad 4/29/55
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.

April 26, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Donald R. Irving, Acting for
Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3783 (mica)

Applicant: McKinney & Greene

Name and Location of Property: Nelson Woody Prospect
Yancey County, North Carolina

Date Application Rec'd. by Br. of Ceram. & Fert. Mat.: April 21, 1955

Comments:

1. This is a prospect, so no data are available in this office.

2. 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 exploriting this property.

3. Exploration proposed by applicants is consistent with local practices and in line with unit-cost estimates for other DMEA projects.

Recommendations:

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.

Donald R. Irving

IN REPLY REFER TO:

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

April 25, 1955

Re: DMEA-3783
B. McKinney & R. P. Greene
(Nelson Woody Prospect)
Yancey Co., N. C.
$5,475 - Mica

Memorandum

To: L. C. Kesk, Defense Minerals Exploration Administration

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

Subject: Review of application

The applicant has proposed a 55 foot shaft and 75 feet of drift to explore a possible mica-bearing pegmatite if results of preliminary bulldozing are favorable.

A limited amount of bulldozing may be warranted, but we do not have any information which justifies DMEA assistance.

I believe McKinney & Greene previously have worked under a DMEA contract and therefore their present prospect may be familiar to the Field Team. I would have no objection to a field referral, but the feasibility of making an on-site examination should be left to the discretion of the Field Team.

4/28/55 - Called Newcomb who said he had not been for belief that McKinney & Greene have worked under a DMEA contract. ALCC

E. L. Newcomb

ELNewcomb:hlm
G-4/25/55

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