600

APR 20 1955

Mr. Jack Slagle

Spruce Pine, North Carolina

Re: Docket No. DMMA-3691 - Mica
Jack Slagle
Childers Prospect
Mitchell County, North Carolina

Dear Mr. Slagle:

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,

Frank E. Johnson

ACTING Administrator

WCAnderson:ad 4/18/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Killaguard, 5222
Mr. Dietrich, 3061
Mr. Hook

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

Minerals Admin.
RECEIVED

April 13, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3691 (mica)

Applicant: Jack Slagle

Name and Location of Property: Childers (Phillips) Mine
Mitchell County, North Carolina

Date of Field Team Report: March 23, 1955

Date Rec'd. by Br. of Ceram. & Fert. Mat.: March 31, 1955

Field Team Recommendation:

1. Denial of application.

Comments:

1. No pegmatite dike extends below the present workings.

2. There is little possibility of finding further productive areas.

Recommendation:

I concur in the denial of this application.

W. F. Dietrich

IN REPLY REFER TO:

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

March 31, 1955

Re: DMEA-3691
Jack Slagle
(Childers Mine)
Mitchell Co., N. C.
$5,025 - 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 applicant's proposal be denied.

Present pegmatite exposures do not indicate that a significant amount of strategic mica will be found on the property.

There are no favorable targets for exploration as mica concentrations are local and unlikely to continue to depth.

I concur with the Field Team's conclusions and recommend this application be denied.

E. L. Newcomb

ELNewcomb:hlm
G-3/31/55

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
WASHINGTON 25, D.C.
ROOM POST OFFICE BLDG.
KNOXVILLE 2, TENN.

March 23, 1955

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Field Examination Report : DMEA-3691 (mica) Mitchell Co., N.C.
Jack Slagle, Spruce Pine, N. C. Childers Mine.

Enclosed are 4 copies of the subject report. The property was examined in advance of field referral, while the field men were in the area. We agree that the application should be denied.

V. J. Lynch, Acting
EXECUTIVE OFFICER
DMEA REGION V

K. H. Teague, Geologist
U. S. Geological Survey

ZM
cc:
Lynch
Shirley
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM EXAMINATION REPORT
REGION V

ON

DMEA-3691, CHILDERS MINE (mica)

Mitchell County, N. C.

BY

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

and

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

March 17, 1955

FIELD EXAMINATION REPORT
On

DMEA-3691, CHILDERS (Phillips) MINE (mica)

Applicant: Jack Slagle, Spruce Pine, North Carolina

Numerous coarse lenses of pegmatite have been explored at this place. Some have contained rich concentrations of mica of strategic grade. However, all have been of limited extent and have been quickly mined out. No pegmatite which contains strategic mica is presently exposed. Possibilities for the discovery of a significant deposit of strategic mica are poor. The examiners, therefore, recommend that the application be denied.

This deposit was examined March 17, 1955. Messrs. Jack Slagle and Sam Phillips accompanied the examiners on the inspection which required two hours.

The Childers mine is in the bottom of a small southwest draining valley, 2.3 miles S. 60° W. of Spruce Pine. A linear series of workings that is 1000 feet long and trends N. 20° E. includes open cuts and many tunnels and shallow shafts. Most are caved. Light green mica was mined from coarse, plagioclase-rich pegmatite in a large mass of pegmatitic granite. It is reported that two pegmatite bodies were worked, and that clear mica was obtained from one and heavily stained mica from the other.

Recently the applicant has done considerable bulldozing along the zone of pegmatites. One mica concentration was uncovered, resulting in the sale of about $5600 worth of strategic mica. No pegmatite extends below the concentration, nor is mica-bearing pegmatite exposed elsewhere in the cut. There is no favorable place to conduct exploration. Any mica which may be found will result from an accidental discovery. Furthermore, any deposit which produced this quantity of mica should pay its own way. Denial of the application is recommended.

Inspected: March 17, 1955

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

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

MAR 22 1955 600

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

Subject: Docket No. DMEA-3691 - Miss Jack Slagle
Childers 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 from the Geological Survey, dated February 28, 1955, and from the Bureau of Mines, dated March 15, 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

WCAnderson:gad 3/18/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

P.S. We are returning the Owner's Consents to Lien which are to be corrected in accordance with the instructions in the Operating Committee Minutes No. 469, dated January 21, 1955. If a contract is recommended please make the corrections and have them initialed by the principal.

MAR 22 1955

Mr. Jack Slagle

Spruce Pine, North Carolina

Re: Docket No. DMEA-3691 - Miss
Jack Slagle
Childers Prospect
Mitchell County, North Carolina

Dear Mr. Slagle:

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.

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

WCAnderson:gad 3/18/55
Copy to: Admr. R. File
Docket
Field Team, Region V
Operating Committee
Mr. Killagaard, 5222
Mr. Dietrich, 3061
Mr. Nowk

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

RECEIVED
MAR 16 1955

March 15, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3691 (mica)

Applicant: Jack Slagle

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

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

Comments:

1. Proposed exploration is consistent with local practices except that size of trench appears to be extreme.

2. Exploration would determine value of ground not previously mined.

3. Cost of exploration is estimated at $5,025.

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.

Department of the Interior
Defense Minerals Administration
RECEIVED
MAR 1 - 1955

February 28, 1955

Re: DMEA-3691
Jack Slagle
(Childers Prospect)
Mitchell Co., N. C.
$5,025 - Mica

Memorandum

To: L. G. Houk
Defense Minerals Exploration Administration

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

Subject: Review of application

The applicant's proposed exploration consists of a 400 foot trench, 3 test pits and 75 feet of drifting.

We do not have any available information on this prospect in our files.

From the outline of work, it would appear that the operator is basing his work on the possibility that the Childers pegmatite extends thru his property.

A staged project may be warranted. However, the Stage I trenching should be limited to a series of crosscutting trenches rather than the huge open pit that he has proposed.

I recommend the application be referred to the Field Team. If information in their files indicates that the proposed exploration is feasible, then a field examination should be scheduled at their earliest convenience.

E. L. Newcomb

ELNewcomb:hlm
G-2/28/55

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