400

OCT 21 1952

Mr. Grover C. Mauney
Mauney and Mauney
Murphy, North Carolina

Subject: Docket No. DMEA-2657 - Mica
B. F. Shuler Mine
Union County, Georgia

Dear Mr. Mauney:

Your application for exploration assistance, Docket No. DMEA-2657, B. F. Shuler Mine, has been reviewed by this office.

After careful consideration of the subject docket, we find that the proposed exploration does not offer sufficient promise of making a significant discovery of strategic mica to warrant Government participation.

We regret to advise that your application for exploration assistance is denied.

Your interest in the Defense Minerals Exploration program to increase the supply of strategic mica is appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

JTRobertson:gad 10/13/52
Rewritten 10/20/52

Copy to: Adm. R. File
Docket File
Operating Committee (2)
Field Team, Region VII
Mr. Dietrich, 3626
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

October 13, 1952

Memorandum

To: Chairman, Operating Committee

From: Nonmetallic Minerals Division

Subject: Docket No. DMEA-2657 - Mica
B. F. Shuler Mine
Union County, Georgia
(Mauney and Mauney)

Re: A recommendation of denial of application for exploration assistance.

A field team examination of this mine indicates that quality and the grade of mica to be expected from this mine is not good. The report recommends that the application for assistance be denied and in this the Nonmetallic Minerals Division concurs.

Jasper T. Robertson
Nonmetallic Minerals Division

JTRobertson:gad

Copy to: Adm. R. File
Docket File
Mr. Houk

IN REPLY REFER TO:

G-MD-CNM

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

October 13, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2657 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: R. E. Van Alstine, U. S. Geological Survey
Applicant: Grover C. and Rush Mauney, Murphy, North Carolina.
Name of property: B. F. Shuler mine.
Location of property: Along spur of Cass Mountain, northeast side of headwaters of Nottely River, Union County, Georgia.
Date of field team report: September 30, 1952.
Authorship of field team report: K. H. Teague and L. E. Shirley.
Field team's recommendation:

Deny application -- all mica examined is bent and badly broken; much has small black spots. Only a small quantity of strategic mica can be obtained here.

Comments:

The geologic probability of making a discovery of significant quantities of strategic mica is poor.

ACTION SUGGESTED:

Follow field team's recommendation.

R. E. Van Alstine

Van Alstine:jeh
G-10/13/52
cc: Director's reading file 4212 GSA Bldg.
Branch " " " " "
DMEA
Norton files G-228 " "
Van Alstine G-230 " "

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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OCT 13 1952

October 10, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2657, Mica, B. F. Shuler Mine, Union County, Murphy, North Carolina

I concur in the field team's recommendation to deny subject application on the basis that sufficient strategic mica is not likely to be found at this mine.

W. F. Dietrich

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2657, (mica)

B. F. SHULER MINE

Applicants: Grover C. Mauney and Rush Mauney
c/o Grover C. Mauney, Murphy, N. C.

By

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

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

September 30, 1952

Report of Field Examination on

DMEA-2657, (mica)

B. F. SHULER MINE

Applicants: Grover C. Mauney and Rush Mauney
c/o Grover C. Mauney, Murphy, N. C.

A very low percentage of mica from this deposit is of strategic grade. Some mica could be recovered, but that obtained will be bent, of small size, and may contain very small dusty biotite spots. The Field Team is of the opinion that this deposit is not workable on an economic basis; therefore, the request for exploration assistance should be denied.

The mine was examined on September 23, 1952, Grover C. Mauney and Rush Mauney accompanied the Field Team on the examination which required four hours.

The B. F. Shuler mine is located along the crest of a west-trending spur of Cass Mountain, along the northeast side of the head-waters of Nottely River, Union County, Georgia. The mine is 11.5 miles by road southeast of Blairsville. Except for the last 1/4 mile the road is an all weather road.

Both of the applicants have had mica mining experience and appear to be competent. As the deposit does not appear to merit exploration, no attempt was made to secure additional land descriptions.

The subject mine is not the B. F. Schuler Mine described in Bull. 48, P.139, of the Georgia Department of Mines, Mining & Geology. That mine is located on Lot 36, whereas the one in the subject application is on Lot 142. Furthermore, the workings and pegmatite as described in Bull. 48 does not agree with that observed on this examination.

At the deposit examined, a 4-6 foot pegmatite has been exposed by a 75-foot northeast trending drift, the head of which is about 25-feet below the surface. The pegmatite consists of a discontinuous quartz lens, bounded on either side by feldspathic pegmatite. In general, mica occurs frozen to both sides of the quartz, and rarely as small broken books in the feldspathic pegmatite. The pegmatite strikes N 45° - 50° E, dipping 50° - 75° SE. The intrusion is of irregular thickness, thickening and thinning abruptly along both strike and dip.

Mica in this deposit is hard and ruby colored. Both flat and A mica occur, sometimes in the same block. All of the mica examined is bent and badly broken, thus only very small sizes could be obtained. Much of it has small black spots, imparting a dusty appearence to the mica.

Past history at this place is unknown.

The Field Team is of the opinion that only a very small quantity of strategic mica can be obtained from this deposit and that no worthwhile deposit will be found; therefore, the application for assistance should be denied.

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

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

September 30, 1952

600

SEP 12 1952

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

Subject: Docket No. DMEA-2657 - Mica
B. F. Shuler Mine
Union County, Georgia

Dear Mr. Lawrence:

Enclosed please find copies of memoranda by the Bureau of Mines and the Geological Survey with respect to the subject exploration assistance application. A Field Team review is requested and a field examination of the mine may be made if deemed necessary.

Your attention is called to the inadequate land description and lack of any measurements or tie-in between the proposed work and the property boundaries. A sketch map with measurements showing the location of the proposed work should be provided.

If an approval is recommended, please secure from the applicant six copies of the Owner's Consent to Lien.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee

Approved:

s/ J. N. Hedges
Member, Bureau of Mines

s/ N. P. Thayer
Member, Geological Survey

Enclosures 2

JTRobertson:gad 9/12/52

Copy to: Admin. Reading File
Operating Committee (2)
Docket File
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Henk

600

SEP 12 1952

Mr. Grover C. Maxwell
Maxwell and Maxwell
Murphy, North Carolina

Subject: Docket No. DMEA-2657 - Mica
B. F. Shuler Mine
Union County, Georgia

Dear Mr. Maxwell:

Your application is being referred to Mr. Robert A. Lawrence, Executive Officer, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 2, Tennessee, for further information.

Your interest in the exploration program is appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

JTRobertson:gad 9/12/52

Copy to: Admin. Reading File
Docket File
Field Team, Region VII (2)
Operating Committee (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

600

AUG 2 6 1952

Mr. Grover C. Mauney
Mauney and Mauney
Murphy, North Carolina

Subject: Docket No. DMEA-2657 - Mica
B. F. Shuler Mine
Union County, Georgia

Dear Mr. Mauney:

Referring to your application for exploration assistance, we find that the mica from the B. F. Shuler Mine, described in the application as light rum-colored mica, may not qualify for strategic grade. In order to properly evaluate it please send four or five pieces of typical Shuler Mine mica to the Spruce Pine Mica Purchase Depot, Mr. Walter S. Flynt, Manager, General Services Administration Mica Purchase Depot, Box 846, Spruce Pine, North Carolina. The mica should be fully trimmed with all imperfections removed, and from 1/16 to 1/8 inch in thickness.

Please request that a copy of their findings be mailed to Mr. Lawrence G. Houk, Chief, Nonmetallic Minerals Division, Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C.

Sincerely yours,

-S-

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

JTRobertson:gad 8/26/52

Copy to: Admin. Reading File
Docket File
Filed Team, Region VII
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

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

August 25, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2657, Mica, B. F. Shuler Mine,
Union County, Georgia

No data are available in this office regarding subject property. The mine is not located in a general area in which ruby mica is known to be the characteristic variety. It seems advisable to request the applicant to submit samples before considering a field team investigation.

W. F. Dietrich

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 26 1952