JUL 22 1954

Mr. Sam L. Phillips, et al.

Spruce Pine, North Carolina

Re: Docket No. DMEA-3365 - Ice
W. A. McKinney Prospect
Yancey County, North Carolina

Dear Mr. Phillips:

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

HCAnderson:sg 7/16/54
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Operating Committee
Mr. Dietrich, 3061
Mr. Larrabee, 5216
Mr. Houk

Refer typing

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Recommendation of exploration assistance and summary report.

By: Walter C. Anderson

1. Docket No. DMEA-3365-Mica

Property: W. A. McKinney Prospect (mica)
Yancey County, North Carolina

Applicants: Sam T. Phillips, John Phillips, Lin Carpenter and Charlie Carpenter.
c/o Sam T. Phillips
Spruce Pine, North Carolina.

Application: Form MF-103 received May 24, 1954
Work proposed: Sink 50 feet of shaft and drive 100 feet of drift.
Amount requested: $6,200.00
No contract: Application denied

2. Comment:

Geological premise: There is no evidence in the immediate vicinity of the existence of a mica-bearing pegmatite.

Geological Criteria on which denial is based:
1. No pegmatite.
2. No evidence of shot-mica occurrence
3. Poor production - deep mica.

Future possibilities - Remote for production of strategic mica.

Recommendations:
The Nonmetallic Minerals Division agrees with the field force that this application should be denied.

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

July 12, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3365 (mica)

Applicant: Sam L. Phillips, John Phillips, Lin Carpenter and Charlie Carpenter.

Name and Location of Property: W. A. McKinney Prospect
Yancey County, North Carolina

Date of Field Team's Report: June 25, 1954

Date Rec'd. by Ceramic & Fertilizer Materials Br.: July 6, 1954

Field Team's Recommendation:

1. Denial of application.

Comments:

1. There is no surface indication of the presence of strategic mica-bearing pegmatite on the property.

2. Surface mining was done in 1938-39 for scrap mica. It is reported that a sheet-mica bearing pegmatite was uncovered on which a 30-foot incline shaft was sunk from which $1,600 worth of mica was recovered.

Recommendation:

I concur with the field team that the application be denied because of lack of evidence of the presence of a strategic mica-bearing pegmatite.

W. F. Dietrich

IN REPLY REFER TO:

C-MD-CNM

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

July 1, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3365 (mica).

To: L. G. Houk, Defense Minerals Exploration Administration.
From: D. M. Larrabee, U. S. Geological Survey.
Applicant: S. L. Phillips, John Phillips, Lin Carpenter and Charlie Carpenter, % Sam L. Phillips, Spruce Pine, N. C.
Name of property: W. A. McKinney Prospect.
Location of property: Yancey Co., N. C.
Date of Field Team Report: June 25, 1954.
Authorship of Field Team Report: K. H. Teague and D. H. Amos.
Field Team's recommendation: Denial
Comments: No surface indication of presence of strategic sheet mine.

ACTION RECOMMENDED:

Follow Field Team's recommendation.

D. M. Larrabee

Copy to: DMEA (3)

Room 13, Post Office Building
Knoxville 2, Tennessee

June 25, 1954

Memorandum

To: Operating Committee, DMEA - Washington, D. C.

From: Field Team, DMEA, Region VII

Subject: Field Examination Reports
DMEA-3323 (mica), Fred Thomas Mine
DMEA-3365 (mica), W. A. McKinney Prospect

Enclosed are four copies of each of the subject examination reports. The Field Team recommends denial of both.

DMEA-3365 was examined without referral, as it is on the same land as DMEA-3260 (W. A. McKinney mine) which was examined after field referral. Please refer to recent correspondence concerning DMEA-3260 and DMEA-3365.

Robert A. Laurence, Executive Officer
DMEA Field Team, Region VII

Wm. A. Beck, for V. J. Lynch
U. S. Bureau of Mines

RAL/mg
cc
Division File-DMEA (2 copies)
Beck " "
Lynch " "
Files " "
Operating Comm. 1 copy

UNITED STATES
DEPARTMENT OF THE INTERIOR

# DEFENSE MINERALS EXPLORATION ADMINISTRATION

## REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

ON

DMEA-3365, W. A. McKINNEY
PROSPECT (mica)
Yancey County, N. C.

BY

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

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

June 25, 1954

FIELD EXAMINATION REPORT
On
DMEA-3365, W. A. McKINNEY PROSPECT (mica)

Applicants: Sam L. Phillips, John Phillips, Lin Carpenter and Charlie Carpenter, c/o Sam L. Phillips, Spruce Pine, N. C.

A pegmatite containing book mica of sufficient size to produce pattern mica is supposed to have been uncovered at this place during mining for scrap mica. At present no pegmatite is exposed, nor is dump material present to verify the presence of a sheet mica pegmatite. The dump is supposed to have been removed for scrap purposes. The examiners believe that the application should be denied as there is no surface indication of the presence of strategic mica-bearing pegmatite.

The deposit was examined on June 2, 1954. Messrs. S. L. Phillips and W. A. McKinney accompanied the examiners on the inspection which required one and one-half hours.

The W. A. McKinney Prospect is in a large stripped area mined for scrap mica. It is on the northeast side of Edd Young Road, 1/8 mile northeast of Newdale, Yancey County, North Carolina. The prospect is on the hillside about 300 feet east of the W. A. McKinney Mine (DMEA-3260).

Surface mining was done at this place in 1938-39 for scrap mica. During the course of this operation, a sheet-mica bearing pegmatite is reported to have been uncovered. A 45° incline about 30 feet long is reported to have been sunk on this pegmatite. The direction of the incline was S. 45° W. Mr. McKinney reports that he produced about $1,600 worth of mica from the incline in 1939.

At present the incline is caved, no pegmatite is exposed, and only a few pieces of quartz containing impressions of mica books are scattered in the immediate area. Certainly there is no evidence now showing to indicate the presence of a worthwhile deposit of strategic mica.

The mica that can be found in the general area is clear, hard, green in color, generally small, and is flat "A". Rock exposed in the large stripped area is alaskite and mica schist which has been coarsened and thoroughly injected by alaskite. All rock is weathered.

The examiners can see no reason for exploration assistance on this supposed deposit; therefore, we recommend that the application be denied. If at some later date the applicants should expose mica-bearing pegmatite at this place, perhaps it should be reconsidered; however, in the present state it should be denied.

June 25, 1954.

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

L. E. Shirley, Mining Engineer
U. S. B. M.

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

Subject: Docket No. DMA-3260 - Mica
Sam Phillips, et al.
. P. McKinney Mine
Yancey County, North Carolina

Docket No. DMA-3263 - Mica
Sam L. Phillips, et al.
. A. McKinney Prospect
Yancey County, North Carolina

Dear Mr. Lawrence:

Reference is made to the two subject applications for exploration assistance.

These two applications are covered by the same lease and Owner's Consent to Lien for a tract of land inadequately described and of minimum acreage. To avoid confusion, we think it advisable to integrate these two applications. If you agree, kindly have applicants submit an application that will cover both projects.

Copies of memoranda from the Geological Survey, dated May 18 and May 26, 1954, and from the Bureau of Mines, dated June 4 and June 14, 1954, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

Philip W. Guild
Member, Geological Survey

Copies to: Admr. R. File
Docket Files (2)
Operating Committee (2)
Mr. Dietrich, 3061
Mr. Larrabee, G-232 GSA Bldg.
Mr. Heuk (2)

Enclosures 8

WCAnderson:gad 6/16/54

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

June 14, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Acting Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA- 3365 (mica)

Applicant: John and Sam Phillips, and Lin and Charlie Carpenter

Name and Location of Property: W. A. McKinney Mine
Mitchell County, North Carolina

Date Application Rec'd. by Ceramic & Fertilizer Mtls. Br.: May 25, 1954

Comments:

1. On June 4, 1954 we concurred in the field team recommendation for an exploration project in the amount of $3,725 (see DMEA-3260) at the W. A. McKinney Mine.

2. It is not possible to determine from the subject application if the proposed work is at a different location on the same mine property as the work previously recommended.

Recommendation:

In order to avoid possible confusion it is recommended that the subject application be combined with DMEA-3260, and that one contract be written to cover both areas of exploration, if such exploration is justified.

Signed

Donald R. Irving

IN REPLY REFER TO:

G-MD-CEM

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

May 26, 1954

Memorandum

REVIEW OF APPLICATION DMEA-3365 (mica) - (also DMEA-3260)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicants' name and address: Sam L., & John Phillips, Lin Carpenter, and Charlie Carpenter, Spruce Pine, N. C.
Name of property: L. A. McKinney Prospect.
Location of property: None given.
Summary of applicant's proposal: Bulldoze road and shaft site. Sink 50' shaft, drift 100'.
Sources of information on applicant's property: Field Team report by Teague, Amos, and Shirley, dated May 12, 1954, on DMEA-3260.
Comments: What's this all about? I recommended $3,725 as per field Team's recommendation. Why the new application?
RECOMMENDATION: No action until 3260 is clarified.

D. M. Larrabee

Larrabee:jeh
5/26/54

cc: Director's reading 4212
Branch reading 4212
DMEA 3
Larrabee G-230