600

DEC - 5 1955

Mr. John J. Walker
Granite Falls Mining and
Manufacturing Company
P. O. Box 4918
Granite Falls, North Carolina

Re: Docket No. DMEA-3997 - Mica
John J. Walker
R. L. Baker Property
Gaston County, North Carolina

Dear Mr. Walker:

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

Administrator

WCAnderson:gad 12/2/55
Copy to: Admr. R. File
Docket
Field Team, Region V
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5222
Mr. Hook
Mr. Anderson

Operating Committee

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

RECEIVED
DEC - 1 1955

November 30, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3997 (mica)

Applicant: J. J. Walker

Name and Location of Property: R. L. Baker Property, Gaston County, N. C.

Date of Field Team Report: 10/20/55

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 11/21/55

Field Team Recommendation: Recommend denial of application.

Comments:

1. The mica seen during the examination was predominately scrap.

2. 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 in recommending denial of this application.

Signed
W. F. Dietrich

IN REPLY REFER TO:

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

RECEIVED
NOV 23 1955

November 22, 1955

Re: DMEA 3997
J. J. Walker
E. L. Baker property
Gaston County, N. C.
No estimate - Mica

Memorandum

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

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

Subject: Review of Field Team report.

No work program was outlined for this prospect and no mention was made of the work that had been done.

The examiners conclude that the shaft, test pit, and trench afford an opportunity for a fair appraisal of the mica-bearing potential of the pegmatite.

"Based on the lack of strategic grade mica, it is the opinion of the field examiners that the application for exploration assistance be denied."

I concur with the recommendation of denial of the examiners and the Field Team.

N. E. Nelson

N. E. Nelson

NENelson:jeh
G-11/22/55
cc: Director's reading 4212
Branch reading 4212
DMEA (3) ✓
Docket file
W. F. Dietrich, 3061

Memorandum

To: File

From: Walter C. Anderson, Nonmetallic Minerals Division

Subject: Evaluation of application and field examination report

Docket No. EMEA-3997-mica

John J. Walker

R. L. Eaker property

Gaston County, North Carolina

Denial of application is recommended

Mica - Non-strategic. Only scraps A mica specks.

Pegmatite - Highly weathered pegmatite exposed at the bottom of a cut. Scattered quartz most resistant mineral present.

Old Workings - Shaft 28½ feet deep, a 12 foot test pit and a trench 25 feet long by 25 feet wide by 13 feet deep.

Method of exploring - Not indicated by the applicant.

Recommendation:

The Field Team recommends denial of the application since the mica consists entirely of non-strategic scrap mica. The Nonmetallic Minerals Division concurs. The commodity members of the Geological Survey and the Bureau of Mines also concur.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
KNOXVILLE, TENNESSEE

C O P Y

November 14, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville

Subject: Field Examination Reports: North Carolina -- DMEA-3997, John J. Walker (mica) and DMEA-3987, Howard Hoyles (mica)

Enclosed are four copies of each of the subject examination reports.

The Field Team concurs with the field examiners and recommend denial of these applications.

s/ ROBERT A. LAURENCE
Robert A. Laurence
Executive Officer
DMEA Region V

s/ V. J. LYNCH
V. J. Lynch, Member
Bureau of Mines

11-21-55

RECEIVED
NOV 16 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT BY FIELD TEAM REGION V

On

DMEA-3997, R. L. BAKER PROPERTY (mica)
Gaston County, North Carolina

By

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

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

Sheldon C. Bergman, Geologist
U. S. Geological Survey

Alfred R. Taylor, Geologist
U. S. Geological Survey

October 20, 1955

FIELD EXAMINATION REPORT
ON

DMEA-3997, R. L. Baker Property (mica)

Applicant: John J. Walker, Granite Falls Mining Co., P.O. Box 4918, Granite Falls, North Carolina

Recent workings show only scrap "A" mica in a shaft and trench. All indications are that nothing but scrap mica exists at this property. Based on the lack of strategic grade mica, it is the opinion of the field examiners that the application for exploration assistance be denied.

The Baker Prospect is in a flat, sandy-clay field about four miles southeast of Cherryville Gaston County, North Carolina. Accessibility is excellent, an automobile may be driven to it with no difficulty.

The Field Examiners, accompanied by Mr. John J. Walker, Kenneth D. Thomas, attorney at law, examined the Baker Prospect October 20, 1955. One hour was spent on the examination.

Prospecting at the site has consisted of a shaft 6' x 6' and 28½ feet deep, a 12 foot test pit and a trench 25' wide, 45 feet long and 13 feet deep. The center line distance between the shaft and pit is 24 feet. The long dimensions of the trench trend N. 5° E.

Highly weathered pegmatite is exposed around the bottom of the cut and in the pit in the southern end of the cut. The contact between the pegmatite and the soil is irregular. Scattered quartz appears to be the most resistant mineral present and is fairly abundant.

No buildings or equipment are present at the prospect.

The Field Examiners found no mica of strategic quality. Mica in the trench, and on the dump is predominately scrap. Although the applicant stated he was also prospecting for lithium minerals, none were found by the field examiners. Since mica consists entirely of non-strategic scrap mica, the field examiners recommend denial of the application.

Examined: Oct. 20, 1955

K. H. Teague, A. R. Tayler, S. C. Bergman
Geologists, U. S. Geological Survey

and

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

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OCT 1 9 1955

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

Subject: Docket No. DMEA-3997 - Mica
John J. Walker
R. L. Baker property
Caston 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 dated October 4 and October 12, 1955, by W. F. Dietrich, USBM, and R. E. Nelson, USGS, respectively, relating to the project are enclosed.

We are returning the copy of the lease attached to the application, as the metes and bounds description of the property does not effect a closure. We will require another copy of the lease with a corrected land description. This description should also be written on the Consent to Lien, which you have requested from the applicant.

If your office recommends an exploration program approved by the applicant, please furnish the necessary information to draft a contract. In this connection we will require nine copies of a map showing the proposed work and pegmatite exposures in relation to the property lines. Please note Operating Committee Minutes Nos. 207 and 296, dated April 24 and November 23, 1953, for the detailed information we will require to draft a contract.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

P. F. Yopes

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

Enclosures 5

WCAnderson:ad 10/1[illegible]/55

Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5[illegible]2
Mr. Dietrich, 3[illegible]61
Mr. Houk
Mr. Anderson

(60)

OCT 1 9 1955

Mr. John J. Walker
Granite Falls Mining and
Manufacturing Company
P. O. Box 4[illegible]8
Granite Falls, North Carolina

Re: Docket No. DMA-[illegible]97 - Mica
John J. Walker
R. L. Baker property
Caldwell County, North Carolina

Dear Mr. Walker:

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 you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

Frank E. Johnson

Acting Administrator

MCAnderson:ad 10/1[illegible]/55
Copy to: Admr. R. File
Docket
Field Team, Region V
Operating Committee
Mr. Killingsard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson

IN REPLY REFER TO:

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

RECEIVED
OCT 12 1955

October 12, 1955

Re: DMEA 3597
J. J. Walker
R. L. Baker property
Gaston Co., N. C.
Mica

Memorandum

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

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

Subject: Review of application.

No proposed work program is outlined in the application. Presumably the applicant expects to do bulldozing and shaft sinking.

Likewise no sketch map is given from which an idea as to the geology may be obtained. I have no information on a property of this name. At the Big Bear mine in the same general neighborhood (Cherryville area) the pegmatite is flat lying and might be thought of as a 'bedded' vein, the term used in the application.

Referral to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-10/12/55

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.

October 4, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3997 (mica)

Applicant: J. J. Walker

Name and Location of Property: Gaston County, N. C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 9/30/55

Comments:

1. Applicant has itemized the estimated costs for the project, but has neglected to propose a plan for exploration.

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

S 80½ E
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S 66 W - 22.37
Chainnet
49.54
N 63 E 26.72
S 26¾ E
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H 63½ W
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N 26¾ W
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N 56 E - 10.73