Docket Copy
Surname:
Anderson
Houk
Yopp
Kiilsgaard
Selfridge

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 600

DEC - 6 1955

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

Re: Docket No. DMRA-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
(by ES7)
ACTING Administrator

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

Anderson

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-4000 (mica)

Applicant: C. T. Bradley

Name and Location of Property: Apple Valley Mine, Rabun County, Ga.

Date of Field Team Report: 11/4/55

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

Field Team Recommendation: Recommend denial of application.

Comments:

1. Mica observed during examination was predominately "A" stained and non-strategic.

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

Recommendation: I concur with the field team recommendation.

W. F. Dietrich

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
R. L. Eaker property
Gaston County, N. C.
No estimate - Mica

Memorandum

To: L. G. Houk, 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 apportunity 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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~KNOXVILLE, TENNESSEE~~
KNOXVILLE, TENNESSEE

RECEIVED
NOV 16 1955

November 14, 1955

Memorandum

To: Operating Committee, DMEA - Washington

FFom: DMEA Field Team, Region V - Knoxville

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

Robert A. Laurence

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

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. EAKER 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

11/28/55

October 20, 1955

DOCKET FILE
Surname:
Anderson
Ilkanen
Kilogaard
Young
Selfridge

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
600
WASHINGTON 25, D. C.

OCT 19 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 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. Laurence, 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

WCAnderson:ad 10/18/55
Copy to: Admr. R. File
Docket
Field Team, Region V
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson

R.C.A.

DOCKET FILE
Surname:
Anderson
J L Krause
Selfridge
F E Brown

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

600

OCT 19 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
Gaston 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 N. 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 (JLB)

Approved:

P. F. Yopes (JLB)
Member, Bureau of Mines

Thor H. Kiilsgaard (JLB)
Member, Geological Survey

Enclosures 5

WCAnderson:ad 10/18/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson

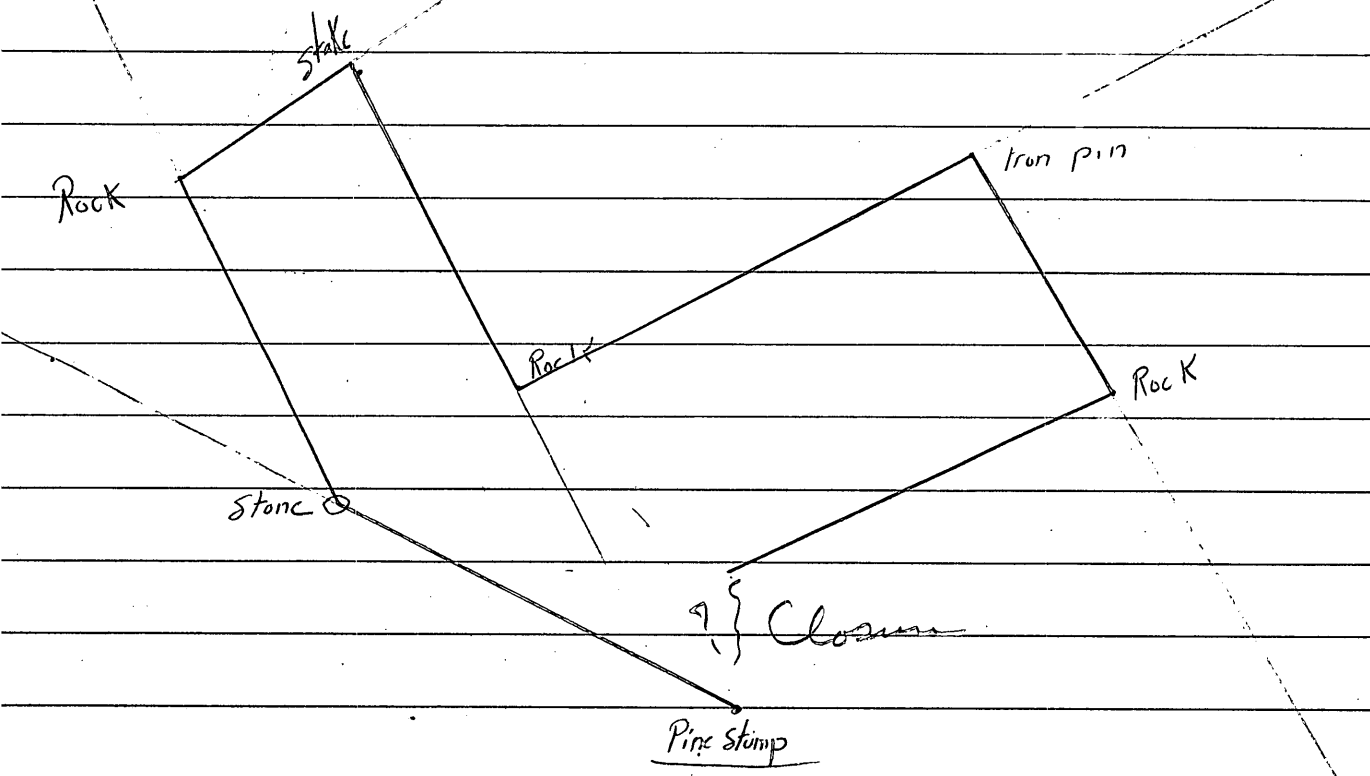
P.C.S.

7 1/2

33

46 2

49 5



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 3997
J. J. Walker
R. L. Eaker property
Gaston Co., N. C.
Mica

Memorandum

To: L. G. Houk, 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. Presumedly 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 Bess 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

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.

W. F. Dietrich

W. F. Dietrich

September 30, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region V

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region V.

DMEA - 3997 Granite Falls Mining & Manufacturing Co.

Robert E. Adams
Chief, Operation's Control
and Statistics Division

September 30, 1955

Subject: DMEA-3997
Re: Exploration Assistance

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

My dear Mr. Walker:

The receipt of your application dated September 26, 1955, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3997 and referred to the Nonmetallic Minerals Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

60932

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1 POST OFFICE BLDG.
WASHINGTON 25, D. C.
KNOXVILLE 2, TENN.

September 28, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA Field Team, Region V - Knoxville

Subject: Application from John J. Walker, Granite Falls, N. C. (mica)

Enclosed are 3 copies of the subject application, with a copy of the lease and 3 copies of my letter to the applicant's attorney, who transmitted the application.

We are keeping the fourth copy for our use.

Robert A. Laurence

Robert A. Laurence

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
SEP 30 1955

September 28, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA Field Team, Region V - Knoxville

Subject: Application from John J. Walker, Granite Falls, N. C. (mica)

Enclosed are 3 copies of the subject application, with a copy of the lease and 3 copies of my letter to the applicant's attorney, who transmitted the application.

We are keeping the fourth copy for our use.

Robert A. Laurence

RAL/xm
cc:
Beck
Lynch

Situated in Cherryville Township, Gaston County, N. C., and beginning at a pine stump, Sam Hauney's corner, and runs a new line N. 63½ W 23.34 chains to a stone; thence N. 26 3/4 W 19.04 chains to a rock; thence N. 56 E. 10.75 chains to a stake; thence S. 26 3/4 E. 19.00 chains to a rock; thence N. 63 E. 26.75 chains to an iron pin, Smith's corner; thence with his line S. 30½ E. 14.25 chains to a rock, Baker's corner; thence with his line S. 66 W. 22.37 chains to the beginning,

Containing 80-1/4 A, and being thd identical property conveyed to R. L. Baker by deed dated February 27, 1936, and recorded in Book 310, p. 365, of Gaston County Registry

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

RECEIVED
SEP 30 1955

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-3997
Metal or Mineral Mica
Date Received 9/30/55
Estimated Cost No amount given
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: John J. Walker, trading and doing business as Granite Falls Mining and Manufacturing Company, P. O. Box 4918, Granite Falls, N. C.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract

(*b*) State any mine name by which the property is known. none

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise lessee

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. - attached is copy of mineral lease

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. none

RECEIVED
SEP 28 1955
U.S.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, pegmatite, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. All nearby.

16—66551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore .....

.....

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within ..... days and be completed within ..... months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated Sept. 26, 1955

John J. Walker
(Applicant)

By .....

.....

.....

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

No. 4 (a) Only uncovered the mica. Indicates bedded mica.
(b) No production yet.
(c) Indicates high grade of bedded mica and that it should pay well to work it.
(d) Very little road to construct, 5-6 miles shipping distance to Kings Mountain, N. C. - 60 miles to Spruce Pine, N. C. market . Reside on premises while working.
(e) All nearby - plentiful supply.

No. 5 Mica and Lithium
(b) Indicates ore bearing beds.
(c) The work will start as soon as all necessary arrangements with the DMEA are completed. Time of completion indefinite.
(d) All competent and qualified to carry out the operation.

No. 6 - Estimate of Costs.
(a) 1. Bulldozer Operations - $12.00 an hour.
2. Truck - furnished by lessee.

(b) Labor

1. Common labor - 3 - $1.00 an hour.
Truck driver - 1 - $1.00 an hour.
2. Supervision and consultants - by lessee.

(c) Hand tools - shovels, picks, etc. - $50.00.
Oil and gas for trucks, etc. - 18¢ @ mile.
(d) Shaft Equipment - purchased - $300.00.

(e) None

(f) None

(g) Workmen's Compensation Insurance - open mine -$9.19 per $100.00 payroll, minimum premium $250.00,
Shaft mine - $9.27 per $100.00 payroll, minimum premium $158.00.

Public Liability Insurance
$100,000., $200,000. = .07 - .07½ per $100.00 payroll
$ 10,000. property = 067 per $100.00 payroll

Payroll taxes - 2% Social Security

(h) Contingencies - $1000.00.

September 28, 1955

Mr. Kenneth D. Thomas
White Bldg.
Hickory, North Carolina

Dear Mr. Thomas:

The application of Mr. John J. Walker, of Granite Falls, N. C., for aid in exploring for mica and lithium on the R. L. Baker property in Gaston County, N. C., accompanied by a copy of the lease, has been forwarded to our Washington office in accordance with established procedure. We will notify Mr. Walker in advance if a field examination is to be made.

As lithium is not classed as a strategic mineral and therefore not eligible for DMEA assistance, it will be necessary to consider this prospect on its mica possibilities alone. It is not clear, in the application, that strategic sheet mica is present in this deposit, as the "bedded mica" sounds more like a mica schist than a pegmatite, in which sheet mica would be found. Could you have Mr. Walker send us a small sample of the mica?

It is also not clear just how Mr. Walker plans to explore this deposit. Item 5b of the application asks for a full description of the proposed work, but the application says only "indicates ore beds" which is hardly an adequate description.

As Mr. Walker is a lessee, it will be necessary to have the land owners execute a "Consent to Lien", formsfor which are enclosed. Please have both R. Lee Baker and Mary Leona Baker sign six copies of the enclosed copies (form MF-203), indicate their mailing address after the signature, and return six signed copies to me.

Very truly yours,

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

RAL/sm
3-Washington
Lynch - Files

FIELD EXAMINATION REPORT
ON

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

RECEIVED
NOV 16 1955

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 Eaker 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 Eaker 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. Taylor, S. C. Bergman
Geologists, U. S. Geological Survey

and

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