DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3771

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This document has been recorded as

Exploration

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To:	600	Date	4/14/55
To:	Anderson	Date	4/15/55
To:	Open Corr	Date	5-2-55
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Docket Copy
Surname:
Anderson
Houk
Hedges
Kiilsgaard
Selfridge
Johnson

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

MAY 31 1955

Mr. C. M. Shirey
R. F. D. 3
Limeville, Alabama

Re: Docket No. DMEA-3771 - Mica
C. M. Shirey
C. M. Shirey, Owner
Clay County, Alabama

Dear Mr. Shirey:

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. Mittenbergh

Administrator

WCAnderson:gad 5/18/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.C.K.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 26 1955

May 26, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Donald R. Irving, Acting for W. F. Dietrich, Chief,
Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3771 (mica)

Applicant: C. M. Shirey

Name and Location of Property: Shirey Prospect
Clay County, Alabama

Date of Field Team Report: 5-13-55

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 5-23-55

Field Team Recommendation:

1. Denial.

Comments:

1. The major portion of the mica found in the exposures will not meet stockpile specifications.

Recommendation:

I concur with the field team recommendation to deny subject application.

Donald R. Irving

Donald R. Irving

IN REPLY REFER TO:

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

May 20, 1955

Re: DMEA-3771
C. M. Shirey
Shirey property
Lineville, Alabama
Mica

Memorandum

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

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

Subject: Review of Field Team report

The data supplied by the examiners support the recommendation of denial of the Field Team.

T. K. Kilgaard
For: N. E. Nelson

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

May 18, 1955

Memorandum

To: The Files

From: Walter C. Anderson, Nonmetallic Minerals Division

Subject: Evaluation of application and field examination report
Docket No. DMEA-3771 - Mica
C. M. Shirey
Shirey Property
Clay County, Alabama

Denial of application is recommended

Mica - Stained and heavy stained, ruby colored, wavy. All is non-strategic. Non very abundant.

Pegmatite - Two parallel pegmatites separated by 5 feet of wall rock. Hanging wall pegmatite 3 feet thick, footwall pegmatite about 6 feet thick, exposed for a distance along strike for 200 feet. Conformable to foliation of mica-garnet-graphite schist wall rock.

Old workings - Open cut 200 feet long, 30 feet wide, with variable depth up to 20 feet; a 30 foot incline and 60 feet of drift.

Method of exploring - The applicant proposes open cut excavation to cost between $2,500 and $3,000.

Economics - World War II production not known. Recent production - 20 pounds of mica representing 25 man-days of work. Mica of non-strategic grade. The DMEA and the commodity members of the Geological Survey and the Bureau of Mines concur in the Field Team recommendation to deny the application.

Walter C. Anderson
Nonmetallic Minerals Division

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

May 13, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region 5, Knoxville

Subject: Field Examination report on - DMEA-3771, C. M. Shirey, applicant. Lineville, Alabama (mica)

Transmitted are four copies of the subject examination report. The Field Team concurs with the Examiners that this application should be denied.

Acting Executive Officer
DMEA Field Team, Region 5

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

Reviewed by
DMEA COMMODITY COMMITTEE
5-20-55

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MAY 1 0 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXAMINATION REPORT
BY
FIELD TEAM, REGION V

On

DMEA-3771, SHIREY PROPERTY (mica)
Clay County, Alabama

BY

Kefton H. Teague, Geologist
U. S. G. S.

Wm. A. Beck, Mining Engineer
U. S. B. M.

Reviewed by
DMEA OPERATIONS [illegible]
5-20-55

FIELD EXAMINATION REPORT
On
DMEA-3771, SHIREY PROPERTY (mica)

Applicant: C. M. Shirey, Route # 3 - Lineville, Alabama

Mica is not abundant at this prospect. Much of it is non-strategic quality and possible reserves are small. The examiners recommend that the application be denied.

The property was examined April 28, 1955. Mr. C. M. Shirey accompanied the examiners on the examination which required two hours.

The Shirey Property is located in SE 1/4 of NE 1/4 of Section 31 and SW 1/4 of NW 1/4 of Section 32, all in township 19 south, Range 8 East Clay County, Alabama. It is about one-quarter mile east of the Ashland-Pyriton road. Access is good at all times.

This property is reported to have been worked by the Bob Lee Mining Co., during World War II. A 30-foot incline and 60 feet of drift are supposed to have been completed at that time. Recent stripping has filled the incline. At present there is an open cut 200 feet long, 30 feet wide, with a variable depth up to 20 feet.

The cut exposes a north-south trending pegmatite which dips 35° E. It is conformable to the foliation of the mica-garnet-graphite schist wall rock. Hornblende schist is also present in the immediate vicinity. Two parallel pegmatites are exposed. The hanging wall pegmatite is about 3-feet thick. It is separated from the footwall pegmatite by 5 feet of wall rock. The footwall pegmatite is about 6 feet thick.

Both pegmatites have a streaked appearence, the "streaks" being caused by numerous bands of quartz, some of which are as much as 8 inches in thickness. Mica is not abundant, and that present is adjacent to the quartz streaks. All of the feldspar is kaolinized and its identity cannot be determined.

As previously mentioned mica is sparse. That present is hard, ganerally clear, wavy, "A", and ruby-colored. Recently the applicant has mined and prepared about 20 pounds of mica for sale. This repsents about 25 man-days of work. As the mica has not been sold, its value is unknown; however, it appeared that almost all of it will be graded as stained or heavy stained.

The examiners are of the opinion that little of the mica present at this property is of strategic grade and that reserves are small. Therefore, we recommend that the application be denied.

April 28, 1955.

K. H. Teague, Geologist
U. S. G. S.

Wm. A. Beck, Mining Engineer
U. S. B. M.

Docket Copy
Surname:
Anderson
Hak
Martin
Johnson

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

MAY - 2 1955

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

Subject: Docket No. DMEA-3771 - Mica
C. M. Shirey
C. M. Shirey, Owner
Clay County, Alabama

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it necessary.

Copies of memoranda from H. L. Newcomb of the Geological Survey, dated April 25, 1955, and from Donald R. Irving of the Bureau of Mines, dated April 26, 1955, are enclosed for your information.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee (JHB)

Approved:

W. E. Volm (JHB)
Member, Bureau of Mines

/s/ R. D. Trace (JHB)
Member, Geological Survey

Enclosures 4
WCAnderson:gad 4/29/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

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

MAY - 2 1955

Mr. C. M. Shirey
R. F. D. 3
Lineville, Alabama

Re: Docket No. DMEA-3771 - Mica
C. M. Shirey
C. M. Shirey, Owner
Clay County, Alabama

Dear Mr. Shirey:

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.

We note in your application that there is a mortgage on your property. Please be advised that if the mortgage is not retired it will be necessary that the mortgagor sign a subordination agreement to give priority to the Government's claims on payments from production resulting from exploration work.

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
By E S7
Administrator

WCAnderson:gad 4/29/55
Copy to: Admr. R. File
Docket
Field Team, Region V
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

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

April 26, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Donald R. Irving, Acting for
Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3771 (mica)

Applicant: C. M. Shirey

Name and Location of Property: C. M. Shirey
Clay County, Alabama

Date Application Rec'd. by Br. of Ceram. & Fert. Mat.: April 14, 1955

Comments:

1. The application, as submitted by the applicant, is inadequate to determine the location of the property, geologic features, proposed exploration, or amount desired to conduct 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.

Donald R Irving
Donald R. Irving

Anderson

IN REPLY REFER TO:

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

RECEIVED
APR 26 1955

April 25, 1955

Re: DMEA-3771
C. M. Shirey
(Shirey Prospect)
Clay Co., Alabama
$3,000 - Mica

Memorandum

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

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

Subject: Review of application

The application is inadequate for a proper geological evaluation. We do not have any information on this prospect.

I recommend the applicant be requested to submit a map of his property showing workings and nature of the pegmatite deposits.

A Field Team examination cannot be justified on the basis of the present application data.

E. L. Newcomb

E. L. Newcomb

April 14, 1955
Subject: DMEA 3771
Re: Exploration Assistance
C. M. Shirey

Mr. C. M. Shirey
R. F. D. 3
Lineville, Alabama

Dear Mr. Shirey:

The receipt of your application dated April 7, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 3771 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

April 14, 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 -3771 C. M. Shirey

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
APR 13 1955

April 11, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA- Region 5, Knoxville, Tenn.

Subject: Application: C. M. Shirey, R#3, Lineville, Alabama
C. M. Shirey Prospect, ~~Gray~~ Clay County, Ala.

Transmitted are three copies of the subject application received in this office today.

Robert A. Laurence
Robert A. Laurence

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1955

April 11, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA- Region 5, Knoxville, Tenn.

Subject: Application: C. M. Shirey, R#3, Lineville, Alabama
C. M. Shirey Prospect, ~~Gray~~ Clay County, Ala.

Transmitted are three copies of the subject application received in this office today.

Robert A. Laurence

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
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APR 13 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. 3771
Metal or Mineral Mica
Date Received 4-13-55
Estimated Cost $3,000
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: C.M. Shirey, R F D # 3, Lineville, Clay County, Alabama.

(*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.

RECEIVED
APR 11 1955
U.S. Geological Survey
Denver, Colorado

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 this form for all required information, state it on an accompanying paper, with a reference in each case to the instruction 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 SE¼ of NE¼ Section 31, and SW¼ of NW¼ Section 32, all in Township 19 South Range 8 East, situated, lying and being in Clay County, Alabama.

(*b*) State any mine name by which the property is known. C.M. Shirey, owner

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

(*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.

(*e*) If you own the land, describe any liens or encumbrances on it Mtg. to First National Bank of Ashland, Ala., for $300.00

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

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, bedded, 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.

16—66551-1

(a) Open cut or surface mining; (b) small amount of sheet mica has been removed; (c) vein of mica; (d) Mica deposit about ¾ mile from paved road, 2½ miles from railroad; (e) Labor and materials available

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

(*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 As early as possible days and be completed within As early as possible 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)? Yes

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

[X] Money [ ] Use of equipment owned by you [X] Other

Explain in detail on acompanying paper. Expect to furnish some money and labor

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 April 7, 1955, 195__

Leon Schiavy
(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

Answering questions on page 2 of application:

5, (b) Proposed work is open cut excavation, estimated cut to be of sufficient width, length and depth to properly explore the ore deposit of mica.

(c), answered on application

(d), Had about two years experience in mining.

6, Estimated costs: Under conditions here cost will be about 30¢ per cubic yard and amount required depends upon how much will be required to develop the ore deposit, but estimate cost between $2500.00 and $3,000.00.

(a), Will have to hire or rent machinery for excavation.

(b), No labor schedule here, but labor costs about $1.00 per Hr.

(c) Equipment will be machinery to remove dirt and lose rock, which will be rented or hired; only very few other tools such as shovel and pick will be required.

(d) Bulldoozer mostly, and possibly pan

(e) None

(f) None for development or exploration as of now

(g) This would be very little if any

(h) Social securing, insurance etc according to labor employed

Department of the Interior
Defense Minerals Administration
RECEIVED
APR 13 1955

A brief description of what is desired done:
Open cut excavation to be of sufficient depth, wedth and length to properly expose the mica deposits on my farm. Excavations to about 15 feet have already been done with the removal of considerable scrap mica and some good sheet mica.