DMEA Form 1

DEFENSE MINERALS EXPLORATION ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA Docket No. 4524

DO NOT DETACH THIS SLIP

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Copies sent to:

USGS, BM

Routing Slip

To:	600	Date	10/29/56
To:	Mr. Anderson	Date	10-29-56
To:	Oper Corr	Date	11-8-56
To:	F. E. Johnson	Date	11-9-56
To:	MP7	Date	11-9-56
To:	130	Date	2-5-57
To:	110	Date	2-6-57
To:	100	Date	2-6-57
To:	225	Date	2-6-57
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DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2-5	Anderson	600
2-5	Houk	600
2/6	Selfridge	130
"	Johnson	110
"	Mittendorf	100
		220
		225

FEB 7 1957

600

Messrs. G. F. Perdue and B. T. Thompson
Route 2
Chipley, Georgia

Re: Docket No. DMEA-4524-Mica
G. F. Perdue and B. T. Thompson
Taylor Property
Upson County, Georgia

Gentlemen:

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 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

WCAnderson:gad 2/4/57
Copy to: Admr. R. File
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

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

February 4, 1957

Memorandum

To: Mr. C. O. Mittendorf, Administrator

From: Lawrence G. Houk, Chief, Nonmetallic Minerals Division

Subject: Evaluation of Application and Field Examination Report

Docket No. DMEA-4524-Mica
G. F. Perdue and B. T. Thompson
Taylor Property
Upson County, Georgia

Denial of application is recommended

Mica: Rum color, fairly free from mineral intergrowths, predominantly small (1 to 2½ inches), wavy, badly cracked books.

Pegmatite: A complex of concordant to discordant lenses and masses of poorly zoned pegmatites. One exposure shows pegmatite ½ to 2 feet thick, with little strike length continuity and rare occurrence of mica. Another exposure shows only 3 to 15 inch stringer, soft weathered and very little mica. A third exposure shows a soft weathered pegmatite with only a few scraps of mica. Thickness not known.

Old Workings: Two shallow bulldozer trenches 3 to 8 feet deep, one 120 feet long, the other triangular shaped 40 feet on the side, and 3 test pits or shafts 6 to 20 feet deep.

Past production: None.

Method of Exploring: Applicants proposed to "extend the present shafts until the supply of mica is expended". No depths given.

Amount requested: $14,109.00.

Recommendation: The Field Team recommends that the application be denied because the exposures show pegmatite with poor mineralogical potential for occurrence of strategic mica and poor to indefinite structural continuity. The Nonmetallic Minerals Division and the commodity members of the Geological Survey and the Bureau of Mines concur.

W. C. Anderson
W. C. Anderson
Nonmetallic Minerals Division

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

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 28 1957

DATE	INITIALS	CODE
1-28	C	225
1/29	Hook	600

A

January 25, 1957

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: W. F. Dietrich, Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4524 (mica)

Applicant: C. F. Perdue and B. T. Thompson

Name and Location of Property: Taylor Property, Upson County, Ga.

Date of Field Team Report: 1/16/57

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 1/22/57

Field Team Recommendation: Recommend denial of the application.

Comments:

1. The field examiners inspected three test pits and two shallow trenches in a complex of concordant to disconcordant masses of pegmatite.

2. Only a very little muscovite could be seen, and this was small and badly cracked.

3. Geological factors show that this deposit is unlikely to produce any sizable quantities of strategic mica.

Recommendation:

I concur with the recommendation of the field team for denial of the application.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 24 1957

DATE	INITIALS	CODE
1-24	C	220
1-25		600
✓		

A

January 22, 1957

Re: DMEA 4524
C. F. Perdue and
B. T. Thompson
Taylor Property
Upson County, Georgia
$14,109.00 - 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 applicants requested assistance in exploring a pegmatite on which 3 shafts had been sunk and 1500 pounds of mica recovered and 200 pounds of ruby mica had been prepared for market.

The examiners found a complex assemblage of narrow concordant and discordant lenses and masses of pegmatite but little strategic mica and few indications that such should be expected, judging by the general environment. Therefore they recommend that the application be denied.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
ROOM 1057 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

January 16, 1957

ORIGINAL FILE COPY
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RECEIVED JAN 18 1957

DATE	INITIALS	CODE
1-18	C	220
		1305
1-24	C	220
1-25	wa	600

A

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville, Tennessee

Subject: Field Examination Report, DMEA-4524(mica)
C. F. Perdue and B. T. Thompson, Chipley, Ga.
Taylor Property, Upson County, Georgia

Enclosed are four copies of the subject examination report.

We agree with the recommendation for denial.

Robert A. Laurence

R. A. Laurence,
Executive Officer, DMEA
Region V

V. J. Lynch

V. J. Lynch, Member
Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
1-23-57
(date)

K

RECEIVED JAN 18 1957

DATE	INITIALS	CODE
		130
		220

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT

On

DMEA-4524, TAYLOR PROPERTY - Mica
Upson County, Georgia

By

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

and

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

Reviewed by
DMEA OPERATING COMMITTEE
1-23-57
(date)

January 16, 1957

OFFICE
RECEIVED JAN 18 1957
DATE | INITIALS | CODE

FIELD EXAMINATION REPORT

On

DMEA-4524 (mica) TAYLOR PROPERTY
Upson County, Georgia

Applicant: C. F. Perdue and B. T. Thompson, R#2, Chipley, Georgia

Summary

Two shallow bulldozer trenches and 3 test pits have exposed a complex of concordant to disconcordant lenses and masses of pegmatite. Neither the mineralogical nor the structural environments show much potential for the occurence of strategic sheet muscovite. What muscovite has been recovered is in small sizes, wavy and badly cracked. The indicated potential is such that the examiners recommend denial of the application.

Introduction

Location:

The property is 3.1 airline miles N 12° W of the center of Yatesville, Upson County, Georgia, and about 0.4 miles west of a paved north-south Yatesville road.

Examination:

The property was examined over a period of about one hour December 6, 1956. The examiners were accompanied by the applicants, Messrs. G. F. Perdue and B. T. Thompson, and R. A. Laurence, Executive Officer, DMEA Region V.

The applicants have sunk three shallow test pits or shafts in the westernmost of 2 shallow bulldozer trenches. Part or all of the bulldozing was done by previous prospectors. The western trench is about 130 feet long and 3 to 8 feet deep. It and the pits trend roughly N 30° E. From northwest to southeast the pits are respectively 20 feet deep, 6 feet deep and 15 feet deep, extending over a distance of 60 feet.

About 250 feet S 80° E is a triangular shaped excavation. It is roughly 40 feet on a side and about 2 to 6 feet deep. No buildings, equipment, or other improvements were noted at the site.

Geology

In the 3 test pits are ex posed a variety of pegmatite forms. In the northern 20-foot deep pit are several thin discordant lenticular bodies 1/2 to 2 feet thick, both of which have downward terminations and little strike length continuity. Pegmatite strikes N 30° W and dips 60 to 80° NE. The wall rock strikes roughly N 60° W and dips 50 to 70° NE and consists of a feldspathic, garnetiferous, quartz-biotite gneiss with rare to occasional muscovite. The garnet is a clear light purple color. Pegmatite in the northern pit is poorly zoned, and is composed of a coarsely crystalline core of perthite with a soft weathered rim of plagioclase, disseminated quartz and small muscovite and biotite. The central pit has exposed a feldspathic pegmatite of uncertain shape or continuity. No margins are exposed and very little muscovite could be seen. The southerly pit has exposed a 3 to 15 inch thick stringer of pegmatite which has an attitude of N 30° W to 75° SW. Pegmatite is composed principally of soft weathered plagioclase and minor disseminated quartz with very little sign of muscovite.

In the other excavation only a few square feet of pegmatite outcrop is exposed at the eastern end of the cut. The composition of pegmatite at this site is predominantly coarsely crystalline perthite with occasional to rare soft weathered plagioclase, quartz, and biotite. Only a few small scraps of muscovite were seen. No contacts were observed in this excavation.

What little musoovite was seen was a rum color, fairly free from mineral intergrowths, but predominantly in small (1 - 1/2") wavey, badly cracked books (some flat).

Conclusions and Recommendations

Both exposures exhibit pegmatite with poor mineralogical potential for the occurence of strategic muscovite as well as poor to indefinite structural continuity. It is recommended that the application be denied.

January 16, 1957.

S. C. Bergman and A. R. Taylor
Geologists, USGS

L. E. Shirley, Mining Engineer
USBM

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MF-205
(Combines and supercedes MF-201 and MF-203)
June 1956

Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E
Contract Date

RECEIVED NOV 1 1956 D.M.E.A.

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of Upson, State of Georgia, described as follows: 2/ All of 15 acres, more or less, lying and being in the Eleventh Land District of Upson County, Georgia, on the North side of "Morgan Road", and bounded now or formerly as follows: On the North by lands of Mrs. CoraCrawford; East by lands of Dolphus Lindsey; South by the Morgan Road; and West by lands of Ella Frank Cox.

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom, to secure the payment to the Government of a percentage royalty on production as may be provided for by the Contract;

3. Subordinates the undersigned's right, title, claim, or interest in or against the land and in any production therefrom to the rights of the Government under the contract with respect to royalty on production and liens to secure same;

4. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none." Do not leave lines blank.)

None

1/ Mining or production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated July 30, 1956, and recorded in Book 140, Page 303-4, official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

5. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this Agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land, or any production therefrom furnishing the Government with two copies of such notice; and

6. Consents to all amendments (including an agreement of termination) and assignments of the contract without notice thereof, and undertakes and agrees that this Agreement shall extend and apply thereto.

7. Added provision: None (State "None" or "See Annex No.____")

Dated this 29th day of October, 1956.

Frank Taylor	[Seal]	Gainesville Ga	[Address]
Ella Frank Cox	[Seal]	" "	[Address]
Lillie M Rupper	[Seal]	" "	[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of ~~the corporation~~ named herein; that _____ _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

Docket Copy
Surname:
Anderson
Hach
Selfridge
Johnson

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

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

Re: Docket No. DMEA-4524-Mica
G. F. Perdue and B. T. Thompson
Taylor Property
Upson County, Georgia

Dear Mr. Laurence:

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

The applicant has furnished an adequate map showing metes and bounds of the property lines. However, if a contract is recommended we would appreciate having a tie-in of the proposed workings to the nearest property line or corners.

Copies of memoranda dated November 1 and 2, 1956, by Mr. N. E. Nelson, USGS, and Mr. Donald R. Irving, USBM, respectively, relating to the project are enclosed.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Approved:

Frank D. Lamb
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

Enclosures 4

WCAnderson:gad 11/7/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Docket Copy
Surname:
Anderson
Houk
Lamb
Kiilsgaard
Selfridge

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

Messrs G. F. Perdue and B. T. Thompson
Route 2
Chipley, Georgia

Re: Docket No. DMEA-4524-Mica
G. F. Perdue and B. T. Thompson
Taylor Property
Upson County, Georgia

Gentlemen:

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:gad 11/7/56
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.G.F.

RECEIVED
NOV 1 1956
D.M.E.A.

October 29, 1956

United States Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Attention Mr. Robert A. Laurence

Dear Sir:

Enclosed please find form number MF-205 as per your letter of October 25.

Yours very truly,

G. F. Perdue

G. F. Perdue

B. T. Thompson

B. T. Thompson
Route 2, Chipley, Georgia

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

RECEIVED NOV 2 1956 D.M.E.A.

November 2, 1956

A

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4524 (mica)

Applicant: G. F. Perdue and B. T. Thompson

Name and Location of Property: Taylor Property, Upson County, Ga.

Date Application Rec'd. by Br. of Ceram. & Fertilizer Materials: 10/29/56

Comments:

1. Proposed exploration is not explicit and the estimate of expenditures should be made on a unit-cost basis, costs estimates are far in excess of other equivalent DMEA projects.
2. Applicants state that approximately 1500 pounds of mica has been mined, 200 pounds of which is ruby mica.
3. Applicant's proposal is for continued mining rather than exploration.
4. 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

IN REPLY REFER TO:

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

RECEIVED NOV 2 1956 D.M.E.A.

November 1, 1956

Re: DMEA 4524
G. F. Perdue & B. T. Thompson
Taylor Property
Upson County, Georgia
$14,109 - Mica

Memorandum

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

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

Subject: Review of application

The applicants request assistance in exploring a mica vein (pegmatite) in granite (gneiss?) on which 3 shafts have been sunk. The shafts total 39 feet, the deepest being 20 feet. The application says 1,500 pounds of mica was recovered of which 200 pounds is ruby mica ready for market.

The applicants propose "to extend the shafts until the supply of mica is expended." Drifting is not mentioned.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

October 29, 1956

Mr. G. F. Perdue
Rt. 72
Chipley, Georgia

Subject: DMEA-4524
Re: Exploration Assistance
Taylor Property

Dear Mr. Perdue

Your application for exploration assistance, dated October 22, 1956 submitted to our office at Knoxville, has been assigned Docket Number DMEA-4524 and referred to the Nonmetallic Minerals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Chief
Operations Control and
Statistics Division

Copy to:

Region V, Knoxville, Tennessee
Code 600

3571

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 4031 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
OCT 29 1956

October 25, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Application from G. F. Perdue and B. T. Thompson
Taylor Property, Upson County, Gal (mica)

Enclosed are three copies of the subject application, form MF-103, with two copies each of the lease and the property map. One copy of each is being retained in this office for our use. Only three copies of the lease and map accompanied the application.

We have sent the Applicants seven copies of form MF-205, Consent to Lien, with a request that these be signed and returned for inclusion with the application.

Robert A. Laurence

Robert A. Laurence

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1025 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

October 25, 1956

RECEIVED
OCT 29 1956

Messrs. G. F. Perdue and B. T. Thompson
Route #2
Chipley, Georgia

Dear Sirs:

Your application for aid in exploration for strategic mica at the Taylor property in Upson County, Georgia has been forwarded to our Washington office in accordance with established procedure. You will be notified in advance if a field examination is to be made.

As you are leasing the land, it will be necessary to have six copies of Form MF-205, Consent to Lien, signed by the land owners. Seven blank copies are enclosed. Please have six of these signed by Ella Frank Cox, Lillie Repress and Frank Taylor, indicating the mailing address of each. The seventh copy should be given to the land owners.

Very truly yours,

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

RAL/zm
Opr. Com-3
Lynch
Files

RECEIVED
OCT 29 1956

October 22, 1956

Department of Interior
Bureau of Mines
Knoxville, Tennessee

Gentlemen:

Enclosed please find an application for a DEMA loan.

Yours very truly,

G. F. Perdue
Route 2, Chipley, Georgia

B. T. Thompson
Route 2, Chipley, Georgia

WEM:ph

RECEIVED
OCT 24 1956
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
OCT 29 1956

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. 4524
Metal or Mineral MICA
Date Received 10-29-56
Estimated Cost $14,109
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: G. F. Perdue and B. T. Thompson, Route 2, Chipley, Georgia, Partnership

(*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
OCT 24 1956
U. S. GEOLOGICAL SURVEY
Geologic Division
Landings, Ala.

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 Description attached.

(*b*) State any mine name by which the property is known. Taylor property,

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Lessee (Copy of lease attached)

(*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. Lease attached.

(*e*) If you own the land, describe any liens or encumbrances on it No encumbrances

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

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. Attached

(*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. Attached.

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

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

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. Attached.

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

(*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. Attached.

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: Attached.

(*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.). None

(*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. Attached.

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

(*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. Attached

(*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. Attached.

(*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. Attached.

(*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. Attached.

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

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?

Supervision and Labor

☐ 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 October 22, 1956

G. F. Perdue,
(Applicant)

By B. Y. Thompson

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

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Item 3: Applicant's Property Rights.

A. All of 15 acres, more or less, lying and being in the Eleventh Land District of Upson Couty, Georgia, on the North side of "Morgan Road", and bounded now or formerly as follows: On the North by lands of Mrs. Cora Crawford; East by lands of Dolphus Lindsey; South by the Morgan Road; and West by lands of Ella Frank Cox.

C. Lease attached.

D. Lease attached.

E. Owner states no liens or encumbrances against their land.

F. No unpatented claims.

Item 4: Physical description.

A. There has been three shafts dug on this property which locations are shown on the plats attached. One shaft being 5 x 7, 20 feet deep; one shaft being 5 x 7, 7 feet deep; and the other shaft being 5 x 7, 12 feet deep.

There has been some bulldoxing on the surface in the Northwest part of this property.

B. There has been approximately 1500 pounds of Mica removed from said shafts and we have approximately 200 pounds of Ruby Mica ready for market at this time.

C. The Mica is in granite in veins. The quantity is unknown at this time. There has been no geologic or engineering reports or assay maps made.

D. This property is located approximately one and a quarter miles west of the Yatesville-Barnsville Highway, approximately 200 yards northwest of Morgan Road. The shipping point will be Yatesville, Georgia, which is approximately four miles from the exploration. The supply and residence points would be Yatesville, Georgia, and Barnsville, Georgia.

E. Availability of power is plentiful; materials, supplies, equipment are easily obtainable from Atlanta, Georgia which is only about fifty miles; water and power and available on site.

Item 5: The exploration project.

B. We intend to extend the depth of the present shafts until the supply of Mica is expended.

D. Mr. Perdue has been working with mining operations of Mica for the past ten years; Mr. Thompson has only been working with this project for the past year and a half.

Item 6: Estimate of costs, for 90 days.

1.	Power wench @ $4.50 an hour for 480 hours	$1920.00
2.	Water pump for 60 hours @ $6.00 an hour	360.00
3.	Drilling unit for 480 hours @ $8.50 an hour	4080.00
4.	Wiring	200.00
5.	Bulldozer and dragline, rental for 100 hours @$12.50 an hour	1250.00
6.	Timber	2000.00
7.	Labor; 960 man-hours at $1.00 an hour	960.00
	960 man-hours @ $2.00 an hour	1920.00
	Total	$12,690.00

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(con't)

A. None

B. Supervision by applicants; engineering and geological consultants, Georgia Division of Mining and Geology.

C. Operating materials and supplies are attached.

D. Operating equipment: List attached.

E. Attached

F. New buildings, improvements, and installations: List attached.

G.&H. Miscellaneous: 15% of total contingences: $1,419.00

	$12,690.00
	1,419.00
Total	$14,109.00

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OCT 29 1956

LEASE

Georgia, Upson County.

This indenture made this 30th day of July, 1956, by and between Ella Frank Cox, Lillie Reppress, and Frank Taylor, all of Upson County, Georgia, hereinafter referred to as the Lessors, and G. F. Perdue and B. T. Thompson, of Troup County, Georgia, hereinafter referred to as the Lessees, witnesseth:

I.

That the lessors, for and in consideration of the covenants and agreements hereinafter contained on the part of the lessees, and of one dollar in hand paid to the lessors by the lessees, the receipt whereof is hereby acknowledged, doth hereby grant and convey to the said lessee, his heirs, executors, administrators, and assigns, the right of enterint in and upon the lands hereinafter described for the purpose of searching for mineral and fossil substance and of conducting mining, quarrying, exploration, operations and development of any and all deposits of mineral and/or fossils thereon, and to do so to any extent he may deem advisable; this lease to run for the term of two years from the date hereof, paying for the site of such buildings or works as may be necessary thereto a reasonable rent which is described below in paragraph II. The said lands herein leased are situated and described as follows:

All of 15 acres, more or less, lying and being in the Eleventh Land District of Upson County, Georgia, on the North side of "Morgan Road", and bounded now or formerly as follows: On the North by lands of Mrs. Cora Crawford; East by lands of Dolphus Lindsey; South by the Morgan Road; and West by lands of Ella Frank Cox.

Special Stipulations: The lessees, their agents, employees, and assigns, shall have the right to erect on said described tract of land any buildings or structures that they may so desire, and to remove said buildings and structures from said land at any time prior to the expiration of this lease or any renewal hereof; and the further right to move onto said tract any machinery and mining equipment (including motor vehicles), to install and separate the same, and to remove all of the same from said tract at any time during and before the expiration of this lease, or any renewal hereof.

For the considerations herein stipulated in paragraph II hereof, the lessors do hereby give and grant unto the lessees the right and option to renew this lease and contract for a period of two additional years running from the date of the expiration hereof; provided said option to so renew shall be given to the lessors, or to a majority of same by both lessees, or by their respective heirs, legal representatives and assigns in writing personally delivered, or mailed to said lessees, or to a majority of them, within a period of 30 days from the expiration of this lease. Said renewal for said period of two additional years, if effected under this option shall be upon the same terms and conditions as contained in this contract. If said option to renew this lease is exercised in the manner herein stipulated a new contract shall be drawn up embodying the terms and conditions of this contract. In event this option is exercised by the lessees or by their assigns, heirs, or legal representatives, and said renewal contract is not executed by all of the lessors herein named or by their respective heirs, legal representatives, or assigns, then and in that event, if and when said notice to exercise said option has been given by the lessees in the manner and within the time herein provided, then, upon the failure of all of said lessors, or of their respective heirs, legal representatives and assigns to execute said renewal or additional contract for said additional period of two years, then upon such failure, this contract, it is agreed by all of the parties hereto, shall be automatically renewed and/or extended by operation of law, and/or under the terms and stipulations hereof.

II

The lessees hereby covenant that they, their respective heirs, executors, administrators, or assigns, will pay or cause to be paid, to said lessors, their respective heirs or assigns, as consideration for rent under this lease, eleven and one-fourth (11¼) per cent of "the value of the mineral at the portal of the mine", which is more particularly described as, the monies realized for the sale of the minerals. All costs of placing the minerals at the mouth of the mine to be borne by the lessees. Monthly statements of the previous months and analysis of sales and cost of sales shall be furnished the lessors, their respective heirs or assigns on or before the tenth day of each and every

beginning the tenth day of the first calendar month from date of this lease. Payment of the rent as provided herein shall be made on or before ten days after lessee received payment for minerals sold. Lessors or their agents shall have the right to enter the workings at any and all reasonable times and to inspect the records of production.

III

This lease may be assigned by lessees to any business entity of which they are a part, and shall run to their respective heirs.

IV

The Lessees further covenant that no damage shall be done to or upon the said lands and premises, herein leased, other than may be necessary in conducting the said operations as set forth herein.

V

Lessees have the right to construct roads, store excavation materials, from workings and materials incident to operating under this lease upon this property, use water, erect camps, power lines, wells and other structures for purposes of mining or beneficiation of minerals. The waste material incident to operating under this lease upon this property shall be dumped or left on these premises adjacent to the site of these operations at the discretion of lessee.

VI

The rights of the lessees, their respective heirs or assigns under this lease shall not be impaired by the passing of the Fee of this land or improvements situated thereon.

VII

This lease may be cancelled or terminated as follows:

1. By mutual agreement
2. By the lessors in event:

(a) The lessees, their heirs or assigns, fail to perform the terms and covenants of this lease.

VIII

Any and all liability of lessees, their heirs or assigns, due to the operation by lessees, their heirs or assigns under this lease agreement, shall cease upon the cancellation or termination of this

lease as hereinabove provided or upon the abandonment of these premises by the lessees, their heirs or assigns, and giving notice of such abandonment to the lessors, their respective heirs or assigns.

IN WITNESS WHEREOF the parties hereby have hereunto executed this instrument for the purposes herein expressed, the day and year above written.

_____ (SEAL)

_____ (SEAL)

_____ (SEAL)

(Lessors)

Signed, sealed and delivered by the lessors
in the presence of:

_____

_____

Notary Public, Upson County, Ga.

_____ (SEAL)

_____ (SEAL)

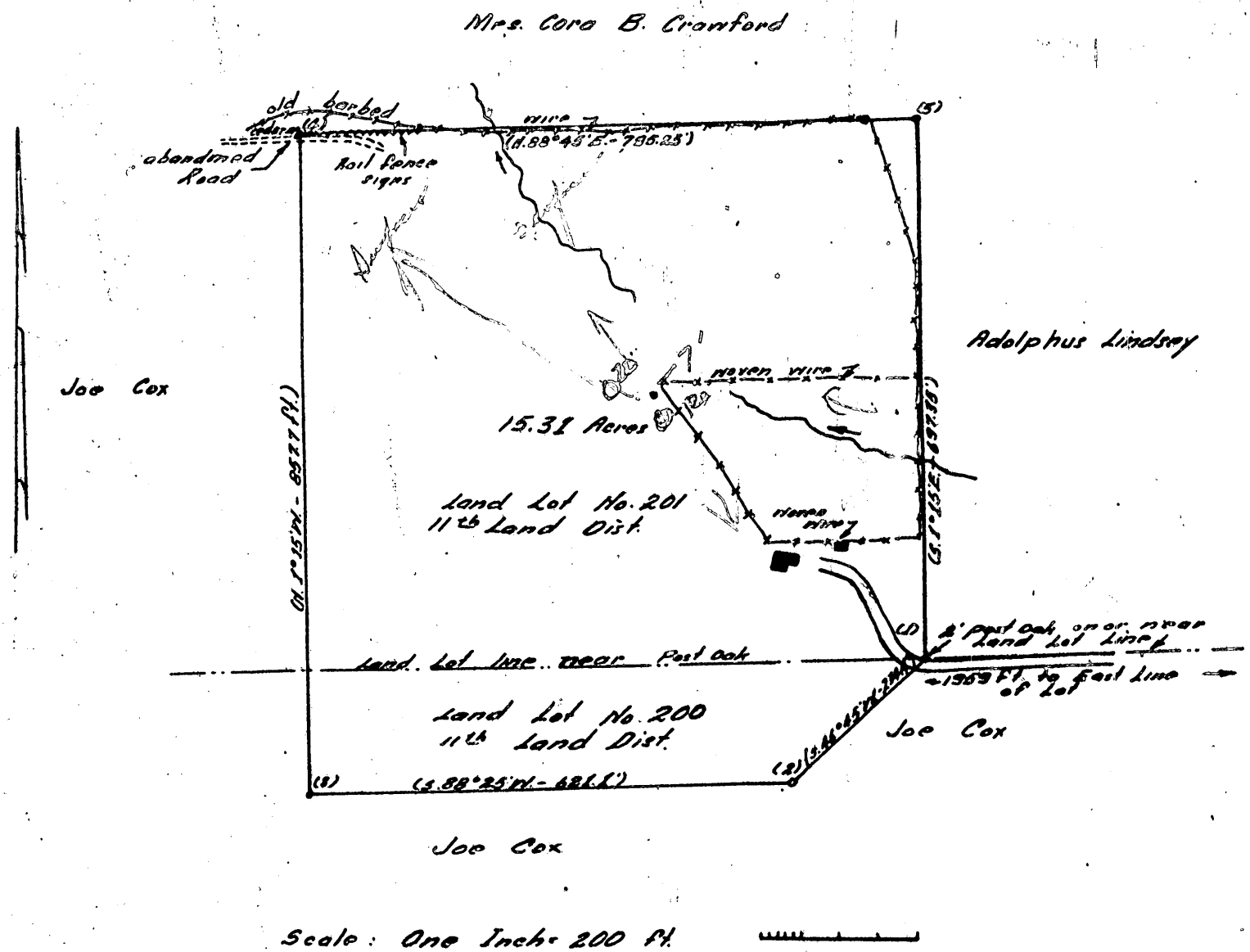
(Lessees)

Signed, sealed and delivered by the lessees
in the presence of:

_____

_____

Notary Public, Upson County, Ga.



Scale: One Inch = 200 ft.

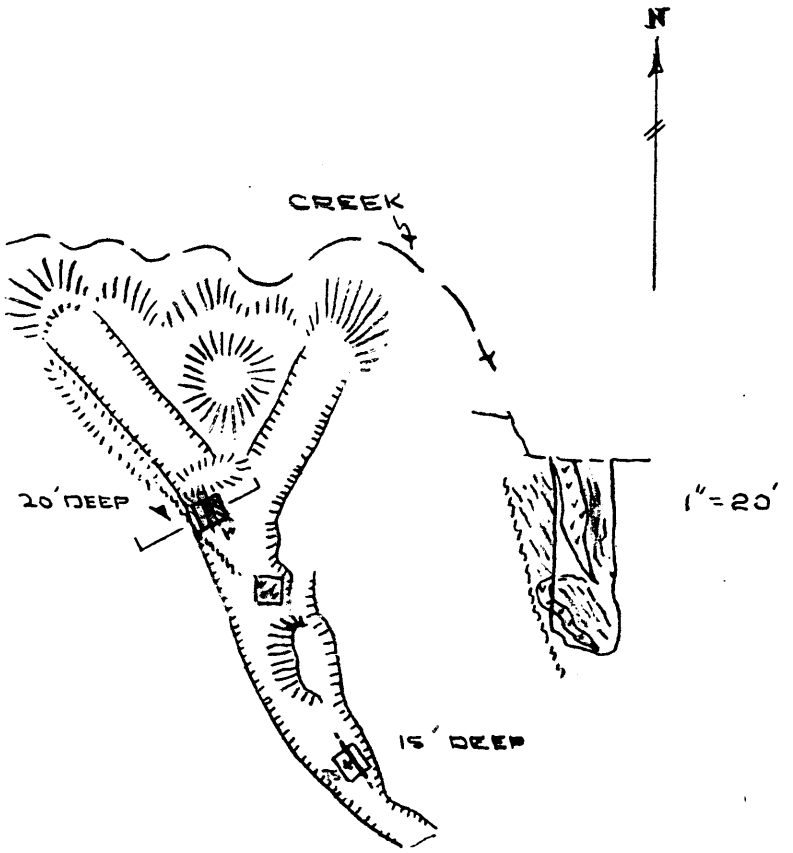
To Traverse:
Beginning at station no. (1) as is shown on plat above and run:
(1) S. 46° 45' W. - 234.4 ft.
(2) S. 88° 25' W. - 621.1 ft.
(3) N. 1° 15' W. - 857.7 ft.
(4) N. 88° 45' E. - 795.25 ft.
(5) S. 1° 15' E. - 697.35 ft.
to close on sta. no. (1), the point of beginning -
All bearings are magnetic and as taken in the field at the time of survey. -
This is a compass chain survey

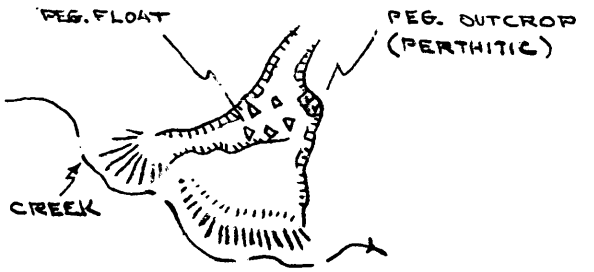
THIS PLAT REPRESENTS A SURVEY OF 15.31 ACRES OF LAND IN LAND LOTS NO'S. 200 & 201 IN THE ELEVENTH LAND DISTRICT IN UPSON COUNTY GEORGIA.

Feb. 1, 1954

As surveyed by:
J. H. Smith & J. Runnels Smith
R.C.S. & C.S. Upson Co., Ga.
R.R.S. 777 & 306.

Plat by: J. H. Smith





LEGEND

- PEGMATITE
- BIOTITE GNEISS
- EXCAVATION
- DUMPS
- FAULT
- FLOAT PEG.

TAYLOR PROPERTY

UPSON COUNTY, GEORGIA

DMEA - 4524 (MICA)

SCALE: 1" = 40'

0 10 20 30 40 50

SCB 1/66