DMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4618

Application (~~Denied~~
(Withdrawn ✓
(After disposition, delete items not applicable)

Contract (Terminated - not Certified
(Cancelled
(Terminated - Certified
(Royalty Agreement

This is the official contract file containing all official records of the project. The records contained in the files are checked and are arranged in this order:

Left Side

Interim Royalty Audits
Reports of Royalty Review
Certification of Discovery
Certificate of Audit (Final)
Interim Audit(s)
Report of Review
Termination Notice or Agreement
Recision Notice
Assignment of Contract
Contract Amendments (latest on top)
Contract with all exhibits and annexes
✓ Owner's Consent to Lien
Subordination Agreement
✓ Leases and assignments of leases
✓ Application and attachments
(3) Envelope for maps

Right Side

Project summary
Work completed analysis
All other material is filed in chronological order with correspondence including the following reports as checked:

Final Field Team Report (Tab)
Operator's Final Report
(2R) Interim Reports
(2R) Operator's monthly reports and all attachments (latest on top)
✓ On-site Exam Report(s) (Tab)
(4) Settlement Sheets

When the volume of records is expected to warrant additional folders, or when convenience of reference warrants separate folders for certain records, they should be set up in this order:

Left Side

Folder No. 2: (In chron. order) Interim Summary Reports by W. O. Engineers

Right Side

Operator's Semi-Annual Report for Certified Project, Field Team Interim Reports, Operator's Monthly Report with transmittal, narrative, maps, and Field Team review.

Folder No. 3: Maps (Use pocket folder or envelope. Fold maps with title block out and show reference to related document or correspondence.)

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

9775

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

RECEIVED
JAN 28 1957
D.M.E.A.

January 25, 1957

Memorandum

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

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

Subject: Application from Rex Hollifield and Hick Waycaster Lawson Property, Pickens County, Georgia (Mica)

Enclosed are the original and two copies of the subject application, with a copy of the lease and six signed copies of the Consent to Lien. We are keeping the fourth copy of the application for our files.

Robert A. Laurence
Robert A. Laurence
Executive Officer

V. J. Lynch
V. J. Lynch
Member, Bureau of Mines

Enclosures 10

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
JAN 28 1957
D.M.E.A.

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. 4618
Metal or Mineral Mica
Date Received 1-28-57
Estimated Cost $5,010.00
Participation (Government %)

RECEIVED
JAN 25 1957

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: Rex Hollifield and Nick Waycaster
Spruce Pine, North Carolina

(*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 See attached sheet.

(*b*) State any mine name by which the property is known. Not known by any name.

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

(*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 hereto.

(*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.

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. See attached sheet.

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

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. 250 mi. from Spruce Pine, 15 mi. east of Jasper, Ga.

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

16—66551-1

Manpower, materials, supplies, equipment and power all available.

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

(*c*) The work will start within 30 days and be completed within 60 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. Several Years.

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.). See attached sheet for estimate of costs.

(*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 January 23rd, 1957

Rex Hollifield & Nick Waycaster.
(Applicant)

By Rex Hollifield

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

3(a) 50 acres, more or less in the southeast part of land lot number 215 in the fourth district and second section of Pickens County, Ga. and described as follows: BEGINNING at the southeast original corner of said lot and running north along original line of said lot to Federal Road; thence running with said Federal Road about 250 yards to a white oak sapling on the south side of the Federal Road, thence southwest along a conditional line to a rock corner of the south original line of said lot, thence east along the south line of said lot to the BEGINNING POINT. Said deed recorded in Deed Book N page 329, Clerk's Office, Pickens Superior Court.

4 (a) & (b) Mr. D. O. Blevins et als were just beginning to open up said mine at the time of the death of Mr. Blevins some few years ago, and now the prospects for production seem excellent. This is ruby mica. There has been some ruby mica taken from this mine although we do not know the extent of that.

5(b). Propose to sink new shaft about 70 feet and do 60 feet of drifting. See attached sketch.

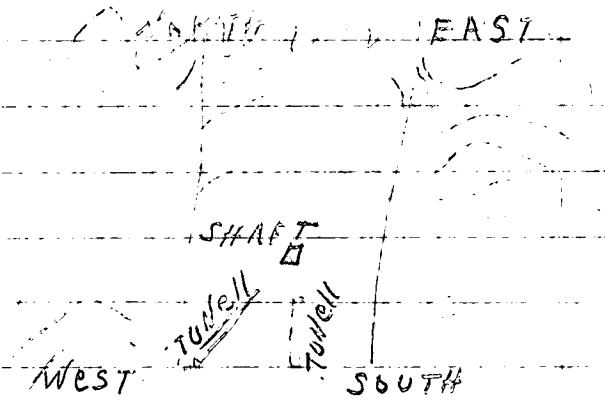
6. Estimate of Costs:

LABOR:

3 hands @ $1.25 per hr., 40 hrs. weekly for 12 weeks (60 days-12 five day weeks)	$1800.00
Rent on Compressor $100 monthly for 2 mos. ✓	200.00
Tool House	100.00
Gasoline-$6 per day for 60 days ✓	360.00
Explosives	500.00
Bull Dozing	200.00
Repairs, etc.	450.00
Steel	400.00
Other Supplies	250.00
Contingencies	750.00
TOTAL	$5010.00

LAW OFFICE
WARREN H. PRITCHARD
SPRUCE PINE, N. C.

RECEIVED
JAN 28 1957
D.M.E.A.



SKETCH

RECEIVED
JAN 28 1957
D.M.E.A.

MINING LEASE

State of ~~North Carolina~~ Georgia, County: Pickens

This indenture made this 19 day of January, 1957

between S.J. Lawson and Mrs. Rilla Lawson

of Pickens County and State of ~~North Carolina~~ Georgia as party of the first part, and known as lessor~~s~~, and Rex Hollifield and Nick Waycaster

of Mitchell and McDowell County and State of North Carolina, party of the second part and known as lessee.

WITNESSETH, That the part~~y~~ of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor~~s~~, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit:

Fifty Acres more or less in the Southeast part of land lot number 215 in the fourth district and second section of said State and County described as follows: Beginning at the Southeast original corner of said lot and running North along original line of said lot to Federal Road, thence running with said Federal Road about 250 yards to a white Oak sapling on the South side of the Federal Road, thence Southwest along a conditional line to a rock corner of the South original line of said lot, thence East along the South line of said lot to the beginning point. Said deed recorded in Deed Book N page 329 Clerk's office Pickens Superior Court.

TO HAVE AND TO HOLD the said lands to him, for mining purposes, the said lessee and his heirs and assigns for the aforesaid period of five years in compliance with the condition of this instrument, for the purpose and with the right to dig, quarry, search, explore for, obtain, and remove any kind of minerals, metals or fossils, and particularly mica, and to conduct the same to any extent the said party of the second part, the lessee, may desire. And it is hereby agreed between the parties to this agreement that the party of the second part is to have the use of any unoccupied buildings on said lands for mining purposes, and that he shall have the right to erect such buildings as he needs to carry on such mining operations during the period of this lease, and that the party of the second part shall keep the same in as good condition as when received, unavoidable accidents excepted. And it is also agreed by the party of the second part that no unnecessary damage is to be done to the lands herein leased during the period of this lease and the continuance of said lease, but the said party of the second part shall have the right to take from said lands leased to the party of the second part any wood or timber the party of the second part may need to carry on said mining operations or which may be needed to carry on the addition to existing buildings or to erect new buildings or sheds on said lands. (Timber of high or special market value is excepted and shall not be used by the lessee.) And it is hereby agreed that the party of the second part, the lessee, is to have the right-of-way of ingress and egress to said mines or land upon which exploration is being conducted.

AND IT IS FURTHER AGREED That the party of the second part, the lessee hereby agrees to pay to the said par~~ties~~ty of the first part, or his or their heirs or assigns, a rental royalty of 1/8 part

on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, shall have the option to renew this lease and to extend the period of its running for an additional five years from the date of its present termination. The option shall be exercised by giving formal written notice to the party of the first part or by the continuation of any mining operation then being conducted. The lessor~~s~~ reserve the right to use the land, or convey the same not conflicting with this lease, but under any conveyance the terms of this lease must be recognized by the grantee, purchaser, or assigns thereof. And it is agreed that the lessee may assign this mining lease or any part thereof and that he may sublease.

~~AND IT IS FURTHER AGREED THAT the said party of the second part, the lessee, has the option to purchase said mines and land, legal and equitable, and grants to the party of the first part this option lease for a total purchase price of [illegible] payable as follows: [illegible] Void [illegible] of this instrument, and it is agreed that all rental royalties paid on the purchase price shall be a part of the total purchase price above set forth, and that at such time that the total purchase price is paid in the form of royalties or a lump sum payment or a combination of both the party of the first part [illegible] to the party of the second part and that a tender of the remaining purchase price at any time within [illegible] years shall entitle the party of the second part to specific performance of this contract.~~

BUT IT IS EXPRESSLY AGREED That unless mineral or fossil material of practical value for mining purposes shall be found within a period of two years from the date of this instrument, the lease may be terminated by the lessee at any time thereafter on thirty days notice to the lessor~~s~~. The lessee agrees that during the period of this lease or the continuance of this lease work in said mines or exploration for new mines within the area leased shall not cease longer than ninety days at any one time, unavoidable accidents excepted.

WITNESS our hands and seals the day and year first above written.

Witness: Robert Lochran

S J Lawson (Seal)

Mrs S J Lawson (RILLA) (Seal)

(Seal)

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JAN 28 1957
D.M.E.A.

Government Messenger Envelope

Form No. 65 (Rev. 1/46)

1. Use blocks consecutively, one at a time.
2. Void previous block.
3. Write clearly.

NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM		NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM	
Mr. McMillan	RUN STOP	Mr. William Burbank Room 4218	RUN STOP
Mary Cramer Dept of Reclamation Dept of Interior	RUN 16 STOP 43	~~Mr. Hewitt~~ ~~4238~~	RUN STOP
[redacted]	RUN STOP	Miss Miller Rm. 4211, GSA Bldg.	RUN STOP
Meta	RUN STOP	[redacted]	RUN STOP
Antoff Rm 6648	RUN STOP	~~Mr. Henshel Fleming~~ ~~4219 GSA~~	RUN STOP
~~Mrs. Mary Evans~~ ~~Rm 4222~~	RUN STOP	Mr. Ellis 4443 Int.	RUN STOP
[illegible]	RUN STOP		RUN STOP
~~John Reed~~ ~~Bldg.~~ ~~Meteorological Survey~~	RUN STOP		RUN STOP
~~Jacobe Jones~~ ~~4240~~	RUN STOP		RUN STOP
Flickinger	RUN STOP		RUN STOP

envelopes to
for reissue.

Use other side

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Your mail room has RUN and STOP information.

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16

EXTRA COPY
DMEA
APR 4 1957

April 1, 1957

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: DMEA-4618 (Mica) Rex Hollifield and Nick Waycaster
Lawson Property, Pickens County, Georgia.

Reference is made to your letter of March 26.

Enclosed are the original and three copies of the comments by the field examiners who reported on this application.

It is difficult to compare the present status of this mine with its condition in 1953, as the 1953 report did not contain a map or cross-section. Based on what they could see in 1953, Mr. Teague and Mr. O'Neill recommended denial. The 1956 bulldozing exposed the pegmatite somewhat better. Based on what they could see in February 1957, the present examiners think it is worth a try.

We can add nothing new. The property is certainly not the best exploration bet we have had, nor is it the worst. It has produced some strategic-grade mica, it appears to have favorable mineralogic and structural environments. We are in agreement with the examiners, but as pointed out in our March 12 memo, the Applicants should be required to obtain the adjacent property if a contract is to be approved.

Robert A. Laurence
Executive Officer, DMEA
Region V

V. J. Lynch, Member
Bureau of Mines

RAL/as
cc
Opr. Com. 3
Lynch
Shirley
Files

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

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DMEA
RECEIVED APR 4 1957
DATE | INITIALS | CODE

April 1, 1957

Memorandum

To: DMEA Field Team, Region V

From: E. L. Boudette, Geologist, U.S.G.S. and Wm. A. Beck, Mining Engr., U.S.B.M.

Subject: Docket No. DMEA-4618 (Mica), Rex Hallifield and Nick Waycaster, Lawson Property, Pickens County, Georgia.

With reference to a statement in the second paragraph of the Operating Committee's letter of March 26, 1957, about mica grade and target size, the examiners wish to point out that no mention of target size was made in the previous examination report. The earlier examiners based their opinion on the amount of strategic-grade mica only.

Mr. Nelson's recommendations are based in part upon the conclusions drawn in earlier report and in part upon conclusion which might be reassessed. It is not quite clear why he thinks our estimated cost of inclining at $34.00 per foot bears out the conclusions of the 1953 examination. We assume it is based upon the estimate of 100 feet of work done at the time of the 1953 inspection. Mr. D. O. Blevins' work described in the 1953 report accounted for a recorded $2753.24 worth of mica production. The examiners' guess is that his (Mr. Blevins) work could not have accounted for more than about 65 feet of workings in the pegmatite body. We suggest reexamination of the 1953 report to determine if there is a mistaken comparison of workings described therein with the inclines labelled A, B, and C in our report. In the south pegmatite three workings are described:

1. A 35 foot incline (believed to correspond with our incline B).

2. A 30-foot shaft which <u>cuts</u> the pegmatite body.

3. A "short drift" believed by the 1957 examiners to have been destroyed by subsequent bulldozing (we assume "short drifts" in those days did not exceed 20-foot length).

Hence, based upon our estimated 65 feet of workings, not exceeding standard 5 x 7 cross-section size, and oriented in a direction always normal to the short dimension of the pegmatite body, the recovery of salable mica amounted to about $42 per linear foot of workings or a clear "profit" of about $8 per foot more than our unit cost figure of $34 per foot for inclining.

The examiners respectfully submit these comments and are unable to report additional data to that presented in this report. We reiterate our recommendation for DMEM assistance.

cc
Opr. Gen. 3

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

RECEIVED
JAN 28 1957
D.M.E.A.

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of PICKENS, State of GEORGIA, described as follows: 2/ 50 acres, more or less in the southeast part of land lot no. 215 in the 4th district and second section of said state and county described as follows: BEGINNING at the southeast original corner of said lot and running north along original line of said lot to Federal Road; then with Fed. Road about 250 yds. to white oak sapling on the south side of Fed. Road; then southwest along a conditional line to a rock corner of the South original line of said lot; then east along the south line of said lot to the BEGINNING. Said deed recorded in Deed Book N page 329, Clerk's Office, Pickens Superior Court.

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 _____, and recorded in Book _____, Page _____, 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 23rd day of January, 1957.

S. F. Lawson [Seal] _____ [Address]

Mrs. S. J. Lawson [Seal] _____ [Address]

_____ [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]

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

RECEIVED
JAN 28 1957
D.M.E.A.

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of PICKENS, State of GEORGIA, described as follows: 2/ 50 acres, more or less in the southeast part of land lot no. 215 in the 4th district and second section of said state and county described as follows: BEGINNING at the southeast original corner of said lot and running north along original line of said lot to Federal Road; then with Fed. Road about 250 yds. to white oak sapling on the south side of Fed. Road; then southwest along a conditional line to a rock corner of the South original line of said lot; then east along the south line of said lot to the BEGINNING. Said deed recorded in Deed Book N page 329, Clerk's Office, Pickens Superior Court.

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 _____, and recorded in Book _____, Page _____, 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 23rd day of January, 195 7.

S. J. Lawson [Seal] _____ [Address]

Mrs. S. J. Lawson [Seal] _____ [Address]

_____ [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]

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

RECEIVED
JAN 28 1957
D.M.E.A.

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of PICKENS, State of GEORGIA, described as follows: 2/ 50 acres, more or less in the southeast part of land lot no. 215 in the 4th district and second section of said state and county described as follows: BEGINNING at the southeast original corner of said lot and running north along original line of said lot to Federal Road; then with Fed. Road about 250 yds. to white oak sapling on the south side of Fed. Road; then southwest along a conditional line to a rock corner of the South original line of said lot; then east along the south line of said lot to the BEGINNING. Said deed recorded in Deed Book N page 329, Clerk's Office, Pickens Superior Court.

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 _____, and recorded in Book _____, Page _____, 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 23rd day of January, 195__.

S. F. Lawson [Seal] _____ [Address]

Mrs S. F. Lawson [Seal] _____ [Address]

_____ [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]

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

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

RECEIVED
JAN 28 1957
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 PICKENS, State of GEORGIA, described as follows: 2/ 50 acres, more or less in the southeast part of land lot no. 215 in the 4th district and second section of said state and county described as follows: BEGINNING at the southeast original corner of said lot and running north along original line of said lot to Federal Road; then with Fed. Road about 250 yds. to white oak sapling on the south side of Fed. Road; then southwest along a conditional line to a rock corner of the South original line of said lot; then east along the south line of said lot to the BEGINNING. Said deed recorded in Deed Book N page 329, Clerk's Office, Pickens Superior Court.

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 _____, and recorded in Book _____, Page _____, 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 23rd day of January, 1957.

S. J. Lawson [Seal] _____ [Address]

Mrs S. J. Lawson [Seal] _____ [Address]

_____ [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]

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

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

RECEIVED
JAN 28 1957
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 Pickens, State of Georgia, described as follows: 2/ 60 acres, more or less in the southeast part of land lot no. 215 in the 4th district and second section of said state and county described as follows: Beginning at the southeast original corner of said lot and running north along original line of said lot to Federal Road; then with Fed. Road about 250 yds. to white oak sapling on the south side of Fed. Road; then southwest along a conditional line to a rock corner of the South original line of said lot; then east along the south line of said lot to the beginning. Said deed recorded in Deed Book F page 329, Clerk's Office, Pickens Superior Court.

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 _____, and recorded in Book _____, Page _____, 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: _____ (State "None" or "See Annex No.____")

Dated this _____ day of _____, 195__.

A. J. Lawson	[Seal]		[Address]
Mrs L. J. Lawson	[Seal]		[Address]
	[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]

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

RECEIVED
JAN 28 1957
D.M.E.A.

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of DICKENS, State of GEORGIA, described as follows: 2/ 50 acres, more or less in the southeast part of land lot no. 216 in the 4th district and second section of said state and county described as follows: BEGINNING at the southeast original corner of said lot and running north along original line of said lot to Federal Road; then with Fed. Road about 250 yds. to white oak sapling on the south side of Fed. Road; then southwest along a conditional line to a rock corner of the South original line of said lot; then east along the south line of said lot to the BEGINNING. Said deed recorded in Deed Book N page 329, Clerk's Office, Dickens Superior Court.

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 _____, and recorded in Book _____, Page _____, 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.

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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 23rd day of January, 195_.7.

S. F. Lawson [Seal] _____ [Address]

Mrs S. J. Lawson [Seal] _____ [Address]

_____ [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]

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

RECEIVED
JAN 28 1957
D.M.E.A.

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of PICKENS, State of GEORGIA, described as follows: 2/ 50 acres, more or less in the southeast part of land lot no. 215 in the 6th district and second section of said state and county described as follows: BEGINNING at the southeast original corner of said lot and running north along original line of said lot to Federal Road; then with Fed. Road about 250 yds. to white oak sapling on the south side of Fed. Road; then southwest along a conditional line to a rock corner of the South original line of said lot; then east along the south line of said lot to the BEGINNING. Said deed recorded in Deed Book N page 329, Clerk's Office, Pickens Superior Court.

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.)

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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 _____, and recorded in Book _____, Page _____, 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.

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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 _____ day of _____, 195__.

S. F. Lawson [Seal] _____ [Address]

Mrs S. J. Lawson [Seal] _____ [Address]

_____ [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]

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/19	Houk	600
		110
		100
		220

600

July 19, 1957

Memorandum

To: Mr. Allen S. Dakan, Chief
Operations Control and Statistics Division

From: Lawrence G. Houk, Director
Division of Nonmetallic Minerals

Subject: Withdrawal of application - Docket No. DMEA-4618-Mica
Rex Hollifield and
Nick Waycaster
Lawson Property
Pickens County, Georgia

Because the applicants are unable to secure an adequate area for an exploration project, the subject application has been withdrawn and placed in our inactive file.

LGHouk:rsi 7/19/57
Copy to: Admr. R. File
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/19	Houk	600
"	Johnson	110
"	Mittendorf	100
		220

600

JUL 19 1957

Messrs. Rex Hollifield and
Nick Waycaster
Spruce Pine, North Carolina

Re: Docket No. DMEA-4618-Mica
Rex Hollifield and
Nick Waycaster
Lawson Property
Pickens County, Georgia

Gentlemen:

Reference is made to Mr. Hollifield's letter of July 15, 1957, requesting withdrawal of the subject application.

Accordingly, we are considering the application withdrawn and are removing it from our active file.

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 (for)

Administrator

LGHouk:rsi 7/19/57
Copy to: Admr. R. File
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

Spruce Pine, N.C.
July 15, 1957

United States Dept. of The Interior
Defense Minerals Exploration Administration
Washington 25, D.C.

Dear Sirs;

Concerning the loan on the Lawson Property in Pickens County, Ga. We cannot get any more property, so please cancel the application for the loan.

We appreciate all your effort.

Sincerely yours,

Rex Hollifield

Rex Hollifield

OFFICIAL FILE COPY
D.M.E.A.
RECEIVED JUL 17 1957

DATE	INITIALS	CODE
7/17	P.K.	220
7/18	Hook	600

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/3	Houk	600
7/3	Johnson	110
3	Mittendorf	100
7/5	C	220
		600

600

JUL - 5 1957

Messrs. Rex Hollifield and
Nick Waycaster
Spruce Pine, North Carolina

Re: Docket No. DMEA-4618-Mica
Rex Hollifield and
Nick Waycaster
Lawson Property
Pickens County, Georgia

Gentlemen:

Reference is made to the April 23, 1957, letter from Mr. Robert A. Laurence to you and quoted in part below:

"1. It will be necessary to acquire some adjoining land--at least 5 acres immediately to the west probably in land lot 216, and 5 acres immediately to the south, in Cherokee County. This is because the prospect is so near the corner of your lease that the strike of the pegmatite carries it off the property in a short distance to both the northwest and southeast.

"2. Please provide a tie-in from the proposed DMEA work to a corner of the leased area.

"3. Please provide a list of all equipment to be used, with its age, capacity, and condition."

We wish to cooperate with you fully in allowing ample time to supply the requested information; however, we cannot indefinitely postpone action on an application. Therefore, if we do not receive the requested information within 30 days from the date of this letter, we will assume that you are no longer interested in proceeding with your application, and we will consider it as having been withdrawn.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

LGHouk:gad 7/3/57
Copy to: Admr. R. File
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

July 2, 1957

Mr. Houk calling Mr. R. A. Laurence, Knoxville, Tenn.

Re: Docket No. DMEA-4618-Mica
Rex Hollified and
Nick Waycaster
Lawson Property
Pickens County, Georgia

Mr. Laurence stated we have not heard from them. We sent a letter on the 23rd of April but have not had a reply. It looks like a 30-day letter would be in order.

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

OFFICIAL FILE COPY
DMEA
RECEIVED APR 25 1957

DATE	INITIALS	CODE
4/25	C	220
4/25	[illegible]	600

April 23, 1957

Memorandum

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

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

Subject: DMEA-4618 (Mica) Rex Hollifield and Nick Waycaster
Lawson Property, Pickens County, Georgia.

Reference is made to your letter of April 17, 1957

Inclines (a) and (c) were inaccessible at the time of the examination, so that accurate cross-sectional measurements cannot be given. At the surface, these inclines were not larger than the standard 5 x 7 feet. The pegmatite body in these inclines was seen only at the surface, and is assumed to average about six feet thickness as reported in the examination report.

We do not think a program of extending incline (b) feasible, because of the small angle it makes with the strike of the pegmatite. Extending this incline would require (1) rehabilitation, (2) turning the direction and (3) steepening the angle of inclination to cut from the hangingwall of the pegmatite body down to the favorable footwall zone.

As suggested in your letter, we are requesting the Applicants to provide the additional acreage for a project, a tie-in from the proposed DMEA work to a corner of the leased area, and a list of the equipment to be used. We are somewhat reluctant to do this, lest it be construed as implying a commitment on the part of the Government, but we assume that this is compatible with DMEA policy or you would not have requested it. Copies of the request are enclosed.

Robert A. Laurence
Robert A. Laurence
Executive Officer

V. J. Lynch
V. J. Lynch, Member
Bureau of Mines

Enclosure

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

OFFICIAL-COPY
DMEA
RECEIVED APR-25-1957

DATE	IN.	CODE

April 23, 1957

Mr. Rex Nollifield
Spruce Pine, North Carolina

Re: DMEA-4618 (Mica)
Rex Nollifield & Nick Waycaster
Lawson Property, Pickens Co., Ga.

Dear Mr. Nollifield:

In order to complete the processing of the subject application, the following items are necessary:

1. It will be necessary to acquire some adjoining land--at least 5 acres immediately to the west probably in land lot 216, and 5 acres immediately to the south, in Cherokee County. This is because the prospect is so near the corner of your lease that the strike of the pegmatite carries it off the property in a short distance to both the northwest and southeast.

2. Please provide a tie-in from the proposed DMEA work to a corner of the leased area.

3. Please provide a list of all equipment to be used, with its age, capacity, and condition.

Our field examiners will be at Beam's Court in Spruce Pine April 29 to May 1 and will explain this more fully to you if you will contact them there.

Very truly yours,

Robert A. Laurence
Executive Officer, DMEA
Region V

RAL/as
Opr. Com. 3
Lynch
Shirley
Files

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4/17	Hough	600
4/17	Selfridge	130
"	Johnson	110
"	Mattenday	100
4/18	C	220
		600

600

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

APR 17 1957

Re: Docket No. DMEA-4618-Mica
Rex Hollifield and
Nick Waycaster
Lawson Property
Pickens County, Georgia

Dear Mr. Laurence:

Reference is made to your memorandum of April 1, 1957, to the Operating Committee reaffirming your recommendation for a contract.

The favorable aspects of the property:

1. The mica sold by D. O. Blevins, DMEA-2831, was 44% good stained and better.
2. Sixty feet of strike continuity and approximately 40 feet of dip continuity.
3. Six foot pegmatite. In this connection, please comment on the width of the pegmatite and incline, (c) and (a).
4. Abundant mica was seen in place.
5. Favorable geological environment.

The unfavorable aspects:

1. Cook shipments show a 2.2% yield which may or may not be low because of surface clay staining. This is difficult to reconcile with the high quality of distribution of Blevins shipments.
2. The ephemeral targets are ten feet in diameter of unknown distribution in the pegmatite.

However, we are prepared to write a contract. Please have the applicants supply the additional acreage for a project and a tie from the proposed DMEA work to a corner of the leased

C

8623

area, and a list of equipment with age, capacity, and condition. Would you consider a program of extending incline (b) as feasible and effective?

Copies of memoranda dated April 10, 1957, by Mr. N. E. Nelson, USGS, and Mr. Donald R. Irving, USBM, relating to the project are enclosed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Approved:

Frank D. Lamb (GCS)

Member, Bureau of Mines

Thor H. Kiilsgaard (GCS)

Member, Geological Survey

Enclosures 4

LGHouk:gad 4/17/57

Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Irving, 3061
Mr. Houk

April 15, 1957

Note for the file:

Re: Docket No. DMEA-4618-Mica
Rex Hollifield and
Nick Waycaster
Lawson Property
Pickens County, Georgia

This same property was denied under application No. DMEA-2831, D. O. Blevins by K. H. Teague and J. F. O'Neill because none of the three pegmatites contained sufficient mica to justify exploration assistance. Since then there has been bulldozing on the property and the pegmatite has been better exposed. Blevins produced $2,400.00 worth of mica which cost in excess of $3,500 to produce. The mica averaged approximately 44% good stained and better. The 1956 bulldozing produced 1,946 pounds of cobbed mica which sheeted 12 pounds good stained and 30 pounds stained. A 2.2% yield from hand cobbed to trimmed and the average value of mica was $9.23/lb.

Mr. N. E. Nelson, USGS, recommended denial of the application. After reading the examination report, and after writing the Field Team stating that we were reluctant to write a contract because of the small target size, and quality of the mica, the Field Team re-examined and recommended a contract. Mr. Nelson again recommended denial. The following can be listed as favorable criteria for writing a contract:

The high percentage of good stained and better mica of the Blevins shipment. This is somewhat offset by the 28.6% of good stained and better shipped by the Cook Mining Company. The Cook Mining Company's yield was 2.2% which would appear to me to be quite low for an economic operation.

An unfavorable aspect of the proposed program is the small sizes of the targets:

> "These pods, perhaps not exceeding 10' in diameter, constitute the exploration targets on the property.
>
> "The mica-rich pods are the exploration targets and the number and size encountered will determine the success of the program."

Perhaps a alternate program might be worked out in this case. We are prepared to write a contract if the applicant procures additional land.

L. G. Houk

IN REPLY REFER TO:

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

OFFICIAL FILE COPY
DMEA
RECEIVED APR 11 1957

DATE	INITIALS	CODE
4/12	JWJ	220
		600

April 10, 1957

Re: DMEA 4618
Hollifield and Nick Waycaster
Lawson Property
Pickens Co., Georgia
Appl. Est. $5,010.00
Rec'd " 7,015.00
Mica

Memorandum

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

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

Subject: Review of examiners' comment anent my memo of March 20, 1957.

In estimating the footage of work done by Blevin's (from which $2,400.00 worth of mica was recovered at a cost of in excess of $3,500.00) I assumed the south opening of the Teague-O'Neill report, would be the south opening shown on the Burdette and Beck map. It was then 1953, 35 feet long. The shaft in the draw, I took to be the 'B' incline although the depth mentioned, 30 feet does not agree with the depth shown in section B-B' of the B&B report, in which a working 44 feet long is shown. As for the length of the 'short' drift, I assumed 35 feet to round out the 100 feet of work which appears to have cost in excess of $3,500 or, roughly, $35.00 per foot. If a short drift is only 120 feet long, I made a wrong assumption. I accept the examiners' estimate.

If we disremember the advance and 5% royalty elements of a contract and accept the footage estimate of the examiners, the clear "profit" figure arrived at cannot be confuted.

If the royalty element is considered, then the opinion of the examiners of 1953, Teague and O'Neill, "that none of the three pegmatites on the property contain sufficient strategic grade mica to justify (support?) an economic mining venture..." was and is valid. 'Support' is my inference.

Again, I recommend that the application be denied.

N. E. Nelson

N. E. Nelson

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RECEIVED APR 11 1957

DATE	INITIALS	CODE
4/12	JWH	220
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

April 10, 1957

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA- 4618 (mica)

Applicant: Rex Hollifield and Nick Waycaster

Name and Location of Property: Lawson Property
Pickens County, Georgia

Date of Field Team Report: April 1, 1957

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: April 5, 1957

Field Team Recommendation: Recommend DMEA exploration assistance.

Comments:

1. This prospect has been a producer of strategic mica.

2. Recent bulldozing has exposed a better looking pegmatite according to field examiners.

3. Past production at this prospect produced mica valued in excess of mining costs.

Recommendation:

I concur with the recommendation of the field team that DMEA assistance be granted.

Donald R. Irving

Donald R. Irving

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

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DMEA
RECEIVED 1957

DATE		CODE
4/4	C	220
		600

April 1, 1957

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: DMEA-4618 (Mica) Rex Hollifield and Nick Waycaster
Lawson Property, Pickens County, Georgia.

Reference is made to your letter of March 26.

Enclosed are the original and three copies of the comments by the field examiners who reported on this application.

It is difficult to compare the present status of this mine with its condition in 1953, as the 1953 report did not contain a map or cross-section. Based on what they could see in 1953, Mr. Teague and Mr. O'Neill recommended denial. The 1956 bulldozing exposed the pegmatite somewhat better. Based on what they could see in February 1957, the present examiners think it is worth a try.

We can add nothing new. The property is certainly not the best exploration bet we have had, nor is it the worst. It has produced some strategic-grade mica, it appears to have favorable mineralogic and structural environments. We are in agreement with the examiners, but as pointed out in our March 12 memo, the Applicants should be required to obtain the adjacent property if a contract is to be approved.

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

V. J. Lynch
V. J. Lynch, Member
Bureau of Mines

RAL/as
cc
Opr. Com. 3
Lynch
Shirley
Files

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

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DMEA
RECEIVED 1957
DATE CODE

April 1, 1957

Memorandum

To: DMEA Field Team, Region V

From: E. L. Boudette, Geologist, U.S.G.S. and Wm. A. Beck, Mining Engr., U.S.B.M.

Subject: Docket No. DMEA-4618 (Mica), Rex Hollifield and Nick Waycaster, Lawson Property, Pickens County, Georgia.

With reference to a statement in the second paragraph of the Operating Committee's letter of March 26, 1957, about mica grade and target size, the examiners wish to point out that no mention of target size was made in the previous examination report. The earlier examiners based their opinion on the amount of strategic-grade mica only.

Mr. Nelson's recommendations are based in part upon the conclusions drawn in earlier report and in part upon conclusion which might be reassessed. It is not quite clear why he thinks our estimated cost of inclining at $34.00 per foot bears out the conclusions of the 1953 examination. We assume it is based upon the estimate of 100 feet of work done at the time of the 1953 inspection. Mr. D. O. Blevins' work described in the 1953 report accounted for a recorded $2753.24 worth of mica production. The examiners' guess is that his (Mr. Blevins) work could not have accounted for more than about 65 feet of workings in the pegmatite body. We suggest reexamination of the 1953 report to determine if there is a mistaken comparison of workings described therein with the inclines labelled A. B. and C in our report. In the south pegmatite three workings are described:

1. A 35 foot incline (believed to correspond with our incline B).

2. A 30-foot shaft which cuts the pegmatite body.

3. A "short drift" believed by the 1957 examiners to have been destroyed by subsequent bulldozing (we assume "short drifts" in those days did not exceed 20-foot length).

Hence, based upon our estimated 65 feet of workings, not exceeding standard 5 x 7 cross-section size, and oriented in a direction always normal to the short diminsion of the pegmatite body, the recovery of salable mica amounted to about $42 per linear foot of workings or a clear "profit" of about $8 per foot more than our unit cost figure of $34 per foot for inclining.

The examiners respectfully submit these comments and are unable to report additional data to that presented in this report. We reiterate our recommendation for DMEA assistance.

cc
Opr. Com. 3

DMEA Form 7
(12-56)

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Date	Surname	Code
3/22	Houck	600
	Martin	130
3/25	Johnson	110
	Mitchell	100
3/26	C	220
		600

600

MAR 26 1957

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

Re: Docket No. DMEA-4618-Mica
Rex Hollifield and
Nick Waycaster
Lawson Property
Pickens County, Georgia

Dear Mr. Laurence:

Reference is made to the field examination report, and the Field Team's recommendations on the subject application which was denied under previous application DMEA-2831.

We are reluctant to write a contract because we have serious doubt of its possible success. The previous denial was based upon the quality of mica and the small target size. It is now complicated by the confused land picture. The proposed targets appear to be of limited extent, and indicate that the possibility is remote for a worthwhile discovery. The new information contained in the examination report seems insufficient to justify an exploration project contract. In view of the foregoing we will defer further action on the subject application until we have your comments on the above points.

Copies of memoranda dated March 19 and 20, 1957, by Mr. W. F. Dietrich, USBM, and Mr. N. E. Nelson, USGS, relating to the project are enclosed.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee

Approved:

Frank D. Lamb
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

LGHouk:gad 3/22/57
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Enclosures 4

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IN REPLY REFER TO:

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

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DMEA
RECEIVED MAR 21 1957

DATE	INITIALS	CODE
3/21	C	220
		600
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March 20, 1957

Re: DMEA 4618
Rex Hollifield and Nick Waycaster
Lawson Property
Pickens Co. Georgia
Appl. Est. $5,010.00
Rec'd " 7,015.00
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 the further exploration of a pegmatite on which three inclines have been sunk. In the course of the earlier work mica to the value of $2,753.24 was recovered.

Two of the inclines, A and C are now filled, the third B, 43 feet long, is open. According to the Field Team report DMEA 2831, C is 35 feet long, B probably, (there is no map), 30 feet and A was then inaccessible. Thus B incline may have been deepened 13 feet since Jan. 19, 1953. The examiners in 1953 expressed the following opinion "Even though some strategic grade mica has been recovered from this deposit ($2,400 worth which cost in excess of $3,500 to produce) and undoubtedly additional mica can be recovered, it is the field examiners' opinion that no commercial deposit occurs, thus no additional consideration should be given," The application was denied.

The present examiners estimate the cost of sinking the proposed incline at $34.00 per foot, a cost which tends to support the opinion of the examiners of 1953, unless for some reason not apparent, the new incline should reveal a much higher than average number of mica-bearing "pods" per 100 feet of work.

In my opinion the 100 feet plus or minus, of work already done has explored the pegmatite sufficiently in the immediate area.

Therefore I recommend that the application be denied.

N. E. Nelson

N. E. Nelson

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

March 19, 1957

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA - 4618 (mica)

Applicant: Rex Hollifield and Nick Waycaster

Name and Location of Property: Lawson Property
Pickens Co., Georgia

Date of Field Team Report: March 12, 1957

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: March 18, 1957

Field Team Recommendation: Recommend approval of a contract for DMEA assistance subject to accurate lease description.

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DMEA
RECEIVED MAR 19 1957

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3/20	C	220
		600

Comments:

1. A concordant mica-bearing pegmatite body about 6 feet thick has been worked in three inclines and a vertical shaft and by bulldozing.

2. This prospect produced and sold $2,163.06 worth of good stained or better sheet mica to the Spruce Pine Depot in 1952.

3. This deposit appears to have possibilities for the development of strategic mica.

Recommendation:

I concur with the recommendation of the field team that DMEA assistance be granted provided lease boundaries are clarified and extended.

W. F. Dietrich

W. F. Dietrich

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1050 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

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DMEA
RECEIVED MAR 14 1957

DATE	INITIALS	CODE
3/18	C	220
		1302
3/18	C	220
		600

March 12, 1957

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Field Examination Report, DMEA-4618(mica)
Rex Hollifield and Nick Waycaster, Spruce Pine, NC
Lawson Property, Pickens County, Georgia

Enclosed are four copies of the subject examination report, and nine extra copies of the maps.

The Examiners believe that subsequent activities and a different plan of approach justify assistance to the present exploration, in spite of an earlier denial. The Applicants should be requested to provide an accurate tie to the southwest corner of the property, and if necessary, to acquire the adjoining property (see page 5 of the report).

We recommend approval of a contract, subject to receipt of the above from the Applicants.

Robert A. Laurence

Robert A. Laurence
Executive Officer, DMEA
Region V

V. J. Lynch

V. J. Lynch, Member
Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
3-18-57
(date)

71-Site Exam Rpt.

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D M E A
RECEIVED MAR 14 1957

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UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXAMINATION REPORT BY FIELD TEAM
REGION V

On

DMEA-4618, LAWSON PROPERTY (mica)
Pickens County, Georgia

By

E. L. Boudette, Geologist
U. S. Geological Survey

and

W. A. Beck, Mining Engineer
U. S. Bureau of Mines

March 12, 1957

Reviewed by
DMEA OPERATING COMMITTEE
3-18-57
(date)

FIELD EXAMINATION REPORT

DMEA-4618, LAWSON PROPERTY (mica)

Applicants: Rex Hollifield and Nick Waycaster, Spruce Pine, N. C.

SUMMARY

A concordant, mica-bearing pegmatite body about 6 feet thick has been worked in three inclines and a vertical shaft and by bulldozing. The body is composed of three zones including quartz core. Mineralogical and structural environments are considered favorable for the discovery of a significant strategic mica deposit, and production of good quality mica from the property is recorded. A denial of a previous request for DMEA assistance for exploration on the property is considered unwarranted by the examiners and a program is recommended whereby the pegmatite body would be explored by an incline and drifts.

INTRODUCTION

Examination.--The Lawson property was examined on February 14, 1957 over a period of two hours to ascertain if an exploration project with DMEA assistance is justified. Messrs. Rex Hollifield and Nick Waycaster of Spruce Pine, N. C., Applicants, accompanied the examiners during inspection of the property. In addition, Messrs. A. L. Pittman and W. G. McKinney, also from the Spruce Pine area were present during the examination. The examination was conducted in the vicinity of the main workings (fig. 1) in clear, warm weather.

Location and accessibility.--The principal workings on the Lawson property are located in the southeastern corner of Pickens County, 2.4 miles N. 89° W. from a corner common to Pickens, Cherokee, and Dawson Counties, Georgia (fig. 1, index map). The property may be reached from Holcomb, Georgia which is on State Highway 53, by travelling south from Holcomb on a paved county highway 2.6 miles to the intersection of Federal Road, thence turning right (northwest) on Federal Road .2 miles to an access road to the

left (southwest) in a grown-over field. The access road may be travelled by a passenger vehicle about 800 feet or by a two-axle vehicle about 1500 feet to the main workings (figure 2). All roads, except the access road are shown on the U.S.G.S., Tate, Georgia, quadrangle (15' series, 1928). The access road is suitable for trucks and jeeps in all weather and seasons. The route of access is entirely on the Lawson property.

PHYSICAL FEATURES, PROPERTY DEVELOPMENT, AND AVAILABLE EQUIPMENT

At the main workings three inclines and a shaft have been driven into a steeply, westward sloping hillside covered with brush and sparse pine growth. On the geologic map (fig. 1) the inclines have been labelled "A", "B", and "C", and only incline B is accessible. Other workings were filled or covered during a period of bulldozing done on the property by former lessees. Incline B is 43 feet long heading S. 52° E. at -22° and is dry. Pegmatite is exposed in both walls and the back is in hanging wall schist. Pegmatite is also exposed in the walls of inclines B and C near the adits. width Geological conclusions are drawn largely from the observation made in incline B.

Ample timber for mining purposes is available at the site. Other supplies, including lumber, are available in Tate, Georgia, about 10 miles away. Water is not immediately available at the site and the nearest sources would be either a creek about 2000 feet to the west or at the Lawson home (figure 2). Rural power lines parallel Federal Road and arrangements could be made to run a 220-volt line to the property. No usable equipment or finished supplies are at the site.

The Applicants are experienced mica miners and ample local labor is readily available in the vicinity. The Applicants have, or have access to all necessary equipment, and they were requested by the examiners during their inspection to submit a list of the equipment they intend to use along with the age, condition, and market value of each item. This list has not yet been received by the Field Team.

HISTORY AND PRODUCTION

The main workings on the Lawson property were opened about mid-1952 by the late Mr. D. O. Blevins of Spruce Pine, N. C. Between August and December, 1952 Mr. Blevins consigned three lots of sheet mica to the Government mica depot at Spruce Pine, N. C. and made sales of punch and scrap mica. Receipts seen for these sales during the examination showed a total value of $2,365.33. Records at the Spruce Pine Depot showed the total value of mica classed as good, stained or better to be $2,163.06. The three lots consigned to the depot ran respectively 32.23 %, 57.24 %, and 41.58% good, stained or better. In early 1956, the Frank Cook Mining Company operated the property, mainly in the vicinity of the main workings. Their work consisted entirely of bulldozing and is responsible for the cut and fill at the main workings (fig. 1). A shipment of 1946 pounds of hand cobbed mica estimated to contain 12.0 lbs. of good-stained and 30.0 lbs. of stained mica is recorded from this operation. Initial payment was $444.42. After the mica was worked up it was found that the Operator was overpaid and he had to repay the Government $56.51. Total value of the sale was $387.91.

In December, 1952, Mr. D. O. Blevins filed an application for DMEA assistance (DMEA-2831) which was denied when Field Team examiners concluded that the property did not "contain sufficient strategic grade mica to justify an economic mining venture".

GEOLOGY

General geology.--The area of the main workings on the Lawson property is underlain by biotite-kyanite-schist and gneiss into which a pegmatite body of unknown dimensions has been emplaced grossly concordant with the schistosity. Many small concordant pegmatite segregations were seen in the county rock also. The attitude of schistosity varies from N. 20° W., 21° E. to N. 10° W., 12° E. The underlying rocks are deeply weathered and a residuum about 10 feet deep has developed at the surface. Abundant muscovite float is scattered about the property.

Pegmatite body.--A cross section of the pegmatite body about 43 ft long and trending at an angle to the dip, is exposed in incline B. The body is probably tabular to lenticular shaped and its thickness in the incline is about 6 feet. The foot wall of the body is not exposed in the incline. In the incline pegmatite material transects the schistosity locally and the body is highly irregular in detail. Its hanging wall is characterized by many small apophyses of pegmatite in the enveloping country rock. The pegmatite is composed of discontinuous quartz-core material separated by a mixture of sodic plagioclase and quartz which contains muscovite and scattered tourmaline crystals. The plagioclase is completely weathered and somewhat limonite-stained. Abundant mica was seen in place. The best seen was in books about 4 x 4 inches across, hard, clear, and somewhat curved. Most mica was bent or curved with "A" structure. Some smaller books of strategic size were flat and clear to rum colored. In incline B recent "high-grading" operations have succeeded in removing all the best mica in the walls. The mica appears to have developed in "shoots" or "pods" where the pegmatite thickens locally along fold axes and where quartz core material is found. These pods, perhaps not exceeding 10' in diameter, constitute the exploration targets on the property.

DISCUSSION OF APPLICANTS' PROPOSAL

The Applicants propose to sink a new 70 ft vertical shaft about 60 ft east of the present shaft and drift 60 ft with the pegmatite body. The site of the proposed shaft is chosen on the shoulder of a ridge east of the draw to avoid repeated flooding that hampered Mr. Blevins' mining operations because of the location of the shaft and incline A in the bottom of the draw. It is acknowledged that the proposal has some merit, but the examiners believe the same objectives can be attained by driving an incline in the direction of dip of the pegmatite body. Such a program would be less expensive and would provide information on the character of the pegmatite body during the course of the operation. A modified program was discussed with the Applicants during the examination and they indicated a willingness to incline rather than sink a shaft before drifting. The modified program is described in a later section.

The Applicants were unable to show the examiners the locations of property corners described in the lease and an attempt was made to verify the land description from Soil Conservation Service Aerial photographs (fig. 2). The findings confused matters inasmuch as the description does not resemble the plat shown in figure 2. The problem was discussed with the Applicants who were advised that a survey might be necessary to verify the location of the mine or, if the plat shown in figure 2 is correct, additional land acquisition will be necessary to protect the interest of the Government because the strike of the pegmatite body projects it off the property in both directions of strike within less than 100 feet.

CONCLUSIONS AND RECOMMENDATIONS

General.--The examiners mutually agree after their survey that DMEA assistance is justified for an exploration program on the Lawson property. It is the belief of the examiners that the geologic environment is favorable for the discovery of a significant strategic sheet mica deposit. In support of their conclusions the examiners furnish below a summary of geologic justification, outline a program of exploration, and make minor recommendations that may be helpful in completing a contract. The denial for DMEA assistance on a previous application (D. O. Blevins, DMEA-2831) was based mainly on the late Mr. Blevins' unprofitable mining venture. It is the opinion of the examiners that the mining costs were excessively expensive in this venture due particularly to repeated flooding in the old incline and shaft because of their location in the bottom of the draw. Flooding in the proposed incline is not expected because the adit is located several feet above the bottom of the draw (fig. 1). It is also reported that Mr. Blevins employed men from Spruce Pine and paid their board and room while working in Pickens County. This added to the cost of the operations. The examiners believe enough high quality mica is present to be profitably mined by efficient methods.

Geologic justification.--Geologic justification is based upon observed favorability criteria that are loosely drawn from comparisons with producing mica deposits in the southeast. The following favorable criteria are present: (1) The feldspar in the pegmatite is mainly sodic plagioclase. (2) The pegmatite is quartz-saturated and contains core material. In addition, strategic-grade mica production is recorded from the property in "rolls" or "pods" in the quartz-plagioclase wall zone of the pegmatite. The mica-rich pods are the exploration targets and the number and size encountered will determine the success of the program.

Proposed exploration program.--The examiners recommend that exploration assistance be given in the form of preparation of shaft site by removing approximately 400 yards of loose material with a bulldozer, sinking 100 feet of incline and drifting and/or cross cutting 100 feet. All underground work should be 5 x 7 feet in cross section in clear of timber.

Estimated Costs:

Preparation of shaft site by removing approximately 400 cu. yds. of loose material @ $0.25/cu.yd.		$100.00
Construct:		
Toolhouse	$75.00	
Powder Magazine	25.00	
Exploder Magazine	15.00	
		115.00
Shaft Sinking :		
Sink 100 feet - 5 x 7 feet inclined shaft		
Timber where necessary (50 shifts)		
Labor:		
1 - Foreman Miner @ $1.75/hr	700.00	
1 - Hoistman @ $1.50/hr	600.00	
1 - Laborer @ $1.00/hr	400.00	
Equipment (Rental)		
1 - Air Compressor @ $150/Mo.	300.00	
1 - Single drum hoist @ $50/Mo.	100.00	
1 - Jackhamer and Jackleg @ $60/Mo.	120.00	
1 - Sump Pump @ $40/Mo.	80.00	
Supplies		
Gasoline and oil	175.00	
Explosives	300.00	
Drill steel	185.00	
Timber @ $65/M b.f.	80.00	
Small tools - pipe, etc.	50.00	
Social Security	35.00	
Compensation Insurance	175.00	
Miscellaneous	100.00	
Total Estimated Cost of Shaft Sinking		3400.00

Drifting and/or Crosscutting

Drive 100 feet 5 x 7 feet drift,
Timber where necessary (50 shifts)

Labor:		
	1 - Foreman-Miner @ $1.75/hr.	$700.00
	1 - Hoistman @ $1.50/hr.	600.00
	1 - Laborer @ $1.00/hr.	400.00
Equipment (Rental)		
	1 - Air Compressor @ $150.00/Mo.	300.00
	1 - Hoist @ $50/Mo.	100.00
	1 - Rockdrill and Jackleg @ $60/Mo.	120.00
	1 - Sump Pump @ $40/Mo.	80.00
Supplies:		
	Gasoline and Oil	175.00
	Explosives	300.00
	Drill Steel	185.00
	Timber @ $65/M	80.00
	Small tools, pipe, etc.	50.00
	Social Security	35.00
	Compensation Insurance	175.00
	Miscellaneous	100.00
Total Estimated Cost of Drifting and/or Crosscutting		3400.00
TOTAL ESTIMATED COST OF PROJECT		$7015.00

Minor recommendations.--The examiners recommend that if a contract is approved, the Applicants be requested to submit an accurate map with the main workings shown relative to the "original corner" named in the lease in order to dispell the confusion concerning locations.

E. L. Boudette, Geologist
U. S. Geological Survey

W. A. Beck, Mining Engineer
U. S. Bureau of Mines

g

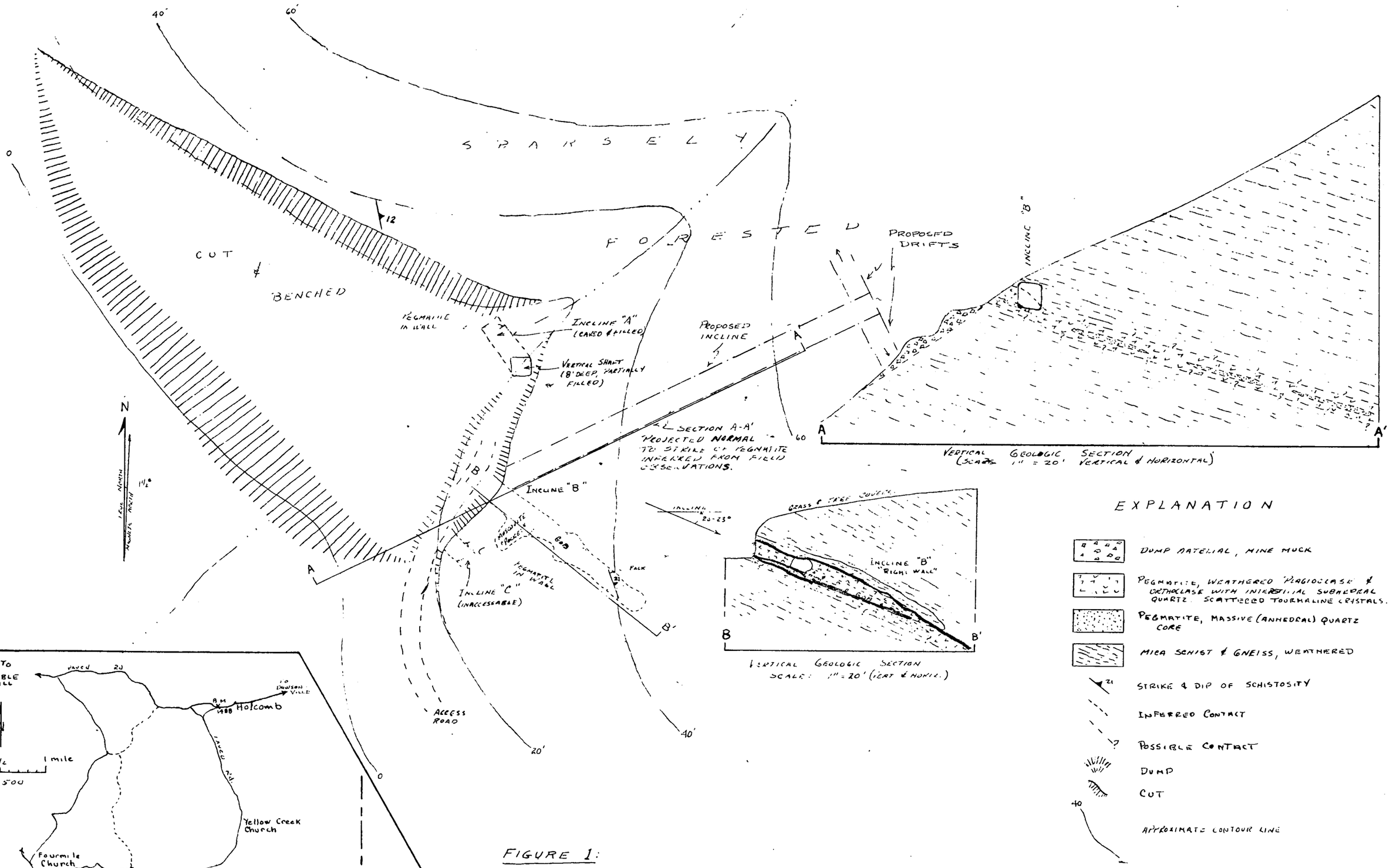


FIGURE 1:

GEOLOGIC MAP & SECTIONS OF THE LAWSON PROPERTY MINE

PICKENS COUNTY, GEORGIA — D.M.E.A. 4618 (MICA)

SCALE — 1" = 20'

MAPPED BY TAPE & BRUNTON METHODS
E. L. BOUDETTE 2/14/57

OFFICIAL FILE COPY
D M E A
RECEIVED MAR 14 1957

DATE	INITIALS	CODE

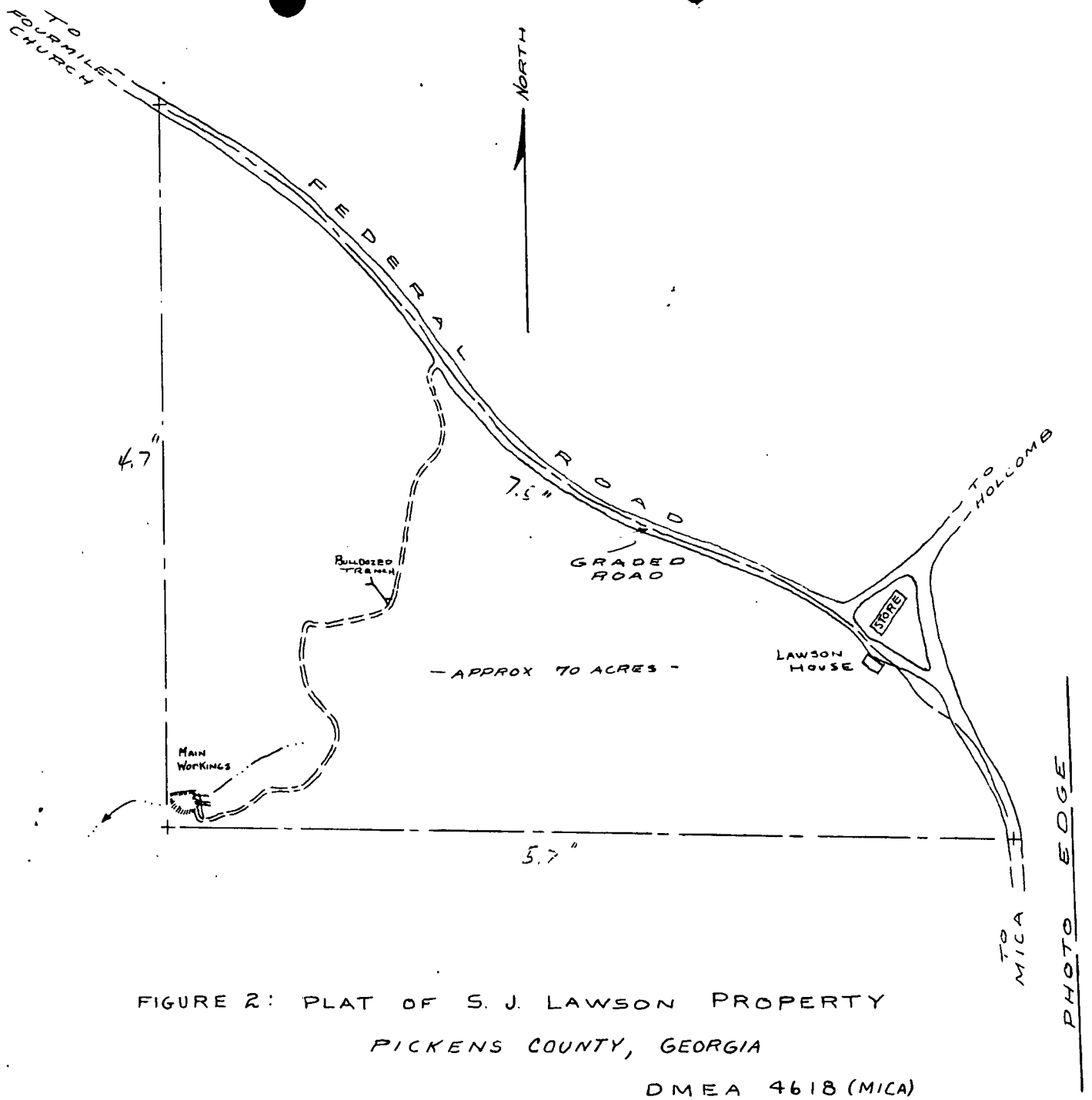


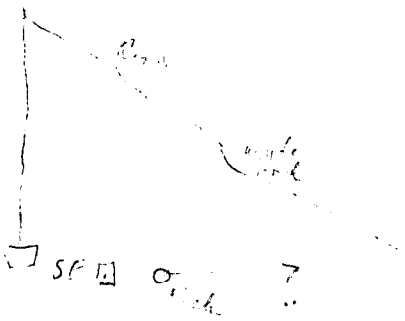
FIGURE 2: PLAT OF S. J. LAWSON PROPERTY

PICKENS COUNTY, GEORGIA

DMEA 4618 (MICA)

TRACED FROM SOIL CONSERVATION SERVICE AERIAL PHOTOGRAPH, U.S. DEPARTMENT OF AGRICULTURE, PICKENS COUNTY COURT HOUSE, JASPER, GA., 2/14/57 (ELB)

SCALE - 1" = 330'



No change

OFFICIAL FILE COPY
D M E A
RECEIVED MAR 14 1957

DATE	INITIALS	CODE

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/1	Houk	600
2/1	Selfridge	130
"	Johnson	110
"	Chittenden	100
2/4	C	220
		600

600

FEB 1 1957

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

Re: Docket No. DMEA-4618-Mica
Rex Hollifield and
Nick Waycaster
Lawson Property
Pickens County, Georgia

Dear Mr. Laurence:

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

Copies of memoranda dated January 30 and 31, 1957, by Mr. N. E. Nelson, USGS, and Mr. W. F. Dietrich, USBM, respectively, relating to the project are enclosed. There is also enclosed a copy of the application for the use of the Field Team.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

Frank D. Lamb

Member, Bureau of Mines

N. E. Nelson

Member, Geological Survey

Enclosures 5

LGHouk:gad 2/1/57
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/1	Houk	600
2/1	Selfridge	130
"	Johnson	110
	Gustendorf	100
		220

600

FEB 1 1957

Messrs. Rex Hollifield and
Nick Waycaster
Spruce Pine, North Carolina

Re: Docket No. DMEA-4618-Mica
Rex Hollifield and
Nick Waycaster
Lawson Property
Pickens County, Georgia

Nelson
Lamb

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,

(for)

Administrator

LGHouk:gad 2/1/57
Copy to: Admr. R. File
Field Team, Region V
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

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

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 1 1957

DATE	INITIALS	CODE
2/1	C	220
		600

January 31, 1957

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4618 (mica)

Applicant: Rex Hollifield and Nick Waycaster

Name and Location of Property: Lawson Property, Pickens County, Ga.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 1/28/57

Comments:

1. This is an old prospect.

2. Government records show that in 1952, D. O. Blevins sold 157 pounds of mica from this mine to the government depot of which 67½ pounds were good stained and better.

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

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 1 1957

DATE	INITIALS	CODE
2-1	C	220
2/1	H	600

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

January 30, 1957

Re: DMEA 4618
Rex Hollifield and
Hick Waycaster
Lawson Property
Pickens County, Georgia
$5,010.00 - 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 pegmatite on which work was done 'some few years ago'.

I surmise the applicants' information is largely of the rumor variety. Perhaps the examiners can get sufficient information in Spruce Pine and obviate a trip to Georgia.

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.

January 28, 1957

Mr. Rex Hollifield
Spruce Pine,
North Carolina

Subject: DMEA-4618

Dear Mr. Hollifield

Your application for exploration assistance, dated January 23, 1957 submitted to our office at Knoxville, has been assigned Docket Number DMEA-4618 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,

(Sgd) Allen S. Dakan

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to:

Region V. Knoxville, Tennessee

Code 600

6416