DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE 4 NOV 1957 Idm-E NO. 1150 DMEA NO. 4828

Application
- [ ] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [x] Closing Letter
- [x] Cost Audits
- [x] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [x] Contract Amendments
- [x] Contract with all exhibits and annexes
- [x] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [x] Project summary (final)
- [x] Work Completed analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semi-Annual Report for Certified Project
- [x] Final Field Team Report (Tab)
- [x] Operator's Final Report (Tab)
- [x] Interim Field Team Reports
- [x] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No. _____ : Reports
- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

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

Folders No. 1 : Maps (Use pocket folder or envelope)

Folders No. _____ : Settlement Sheets

Folders No. _____ : Drill Logs

Folders No. _____ : Royalty material

17963

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
3/25	Anderson	600
3/25	Stout	600
3/25	Talbert	800
3/25	Selfridge	120
		110
3/26	C	220
		600

600

MAR 26 1959

Mr. Lee Medford

Spruce Pine, North Carolina

Re: Docket No. DMEA-4328-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia
Contract No. Ilm-E1150

Dear Mr. Medford:

Reference is made to your terminated exploration contract with the Government.

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the contract. In the absence of such certification, the Government retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this project. Your attention, however, is called to the provisions of the contract which require the operator to keep and preserve certain records for the period indicated.

We appreciate your interest and participation in the DMEA exploration program which has now been succeeded by the Office of Minerals Exploration program.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

WCAnderson:gad 3/20/59
Copy to: Dir. R. File
Mr. Chambers
Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. and Mrs. B. M. Mathis, Route 5, Thomaston, Georgia

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
3/27	Anderson	600
3/26	Hoult	600
3/25	Talbert	800
3/25	Selfridge	120
		110
		220

600

MAR 26 1959

Mr. and Mrs. B. M. Mathis
Route 5
Thomaston, Georgia

Re: Docket No. DMEA-4828-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia
Contract No. IGm-E1150

Dear Mr. and Mrs. Mathis:

Enclosed is a copy of a self-explanatory letter of today to the Operator under the above-cited contract.

This correspondence relates to the Consent to Lien and Subordination Agreement signed by you on September 4, 1957, under the DMEA program which has now been succeeded by the Office of Minerals Exploration program.

Sincerely yours,

Signed, FRANK E. JOHNSON

Acting Director

Enclosure

WCAnderson:gad 3/20/59
Copy to: Dir. R. File
Region V
Mr. Chambers
Mr. Kiilsgaard, USGS
Mr. Dietrich, USBM

8623

DMEA FORM 6 REFERENCE SLIP

REV. 12-56 DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO:	INITIALS	DATE
1. ~~Mr. G. O. Mittendorf~~	[illegible]	9/22
2. Mr. Frank Johnson	[illegible]	
3. ~~Mr. George Selfridge~~		
4. Mr. L. G. Houk		
5.		
FROM: E. D. Talbert [illegible]		9/22

FOR: Check items for action desired

____ Action ____ Reply for signature of _____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions ____ Your information

REMARKS:

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Lee Medford
Spruce Pine, North Carolina

pertaining to Exploration Project Contract No. Idm-E1150, DMEA No. 4828, including Amendment No. 1, for January 1958 to August 1958, inclusive, covering a mica project at the Mathis Prospect, Upson County, Georgia.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents, comparison of the claimed costs with the contract and pertinent schedules, verification of work performed by reference to Field Team reports and correspondence, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the reason that:

All of the costs were under a contract provision for payment by the Government on the basis of fixed unit costs for work performed.

The findings of this review are stated in the following summary:

Total cost billed by Operator		$3,642.00
Exceptions:		
Prior to this review	$ -0-	
Herewith	-0-	-0-
Total acceptable cost		$3,642.00

The contract calls for a 75 percent contribution of the allowable costs by the Government. Therefore, if the project is otherwise accepted as having met the terms of the contract, payments as follows are valid and proper:

Payable on audited claim	$2,731.50
Paid to date	2,323.50
Balance due Operator	$ 408.00

E. D. Talbert

E. D. Talbert, Auditor

September 22, 1958

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

RECEIVED

DATE		
9/10	C	220
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September 8, 1958

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Termination Agreement - DMEA-4828, Idm-E1150 (mica) Lee Medford, Operator. Mathis Prospect, Upson County, Georgia.

Transmitted are the Government and Audit copies of the subject signed termination agreement.

The usual distribution of the other copies has been made by this office.

Robert A. Laurence

Robert A. Laurence

zm.

Long
Meyer
App'd. Sr. Off.
York
Selfridge
Chambers
Johnson

Government's copy

RECORDED
DATE

TERMINATION AGREEMENT

It is agreed this 2nd day of September, 1958, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government", and Lee Medford, hereinafter called the "Operator", parties to that certain Exploration Project Contract No. Idm-E1150 (Docket No. DMEA-4828), dated November 4, 1957, as amended, hereinafter called the "Contract", that:

1. Effective August 18, 1958, the Contract and all obligations of the parties thereunder, except as otherwise herein expressly provided, shall be and are hereby terminated.

2. The Government shall contribute only to the fixed unit costs of work performed prior to said effective date.

3. The Operator shall promptly perform all winding-up and settlement actions provided for in the Contract, including the rendering of the final report and final account.

4. All rights of the Government respecting certification of discovery or development, percentage royalty and liens to secure payment thereof, reports (including preservation of Operator's records), accounts, audits, and the right to recover any overpayment, are preserved.

5. The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of said Contract, except as otherwise provided in this termination agreement.

IN WITNESS WHEREOF, these parties have executed this agreement as of the day and year first above written.

THE UNITED STATES OF AMERICA

By C. J. Mittendorf
Administrator, Defense Minerals
Exploration Administration

Lee Medford

Lee Medford

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

June 30, 1958

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V - Knoxville, Tenn

Subject: Signed Amendment No.1. DMEA-4828, Idm-E1150-mica. Lee Medford, Spruce Pine, N.C. Mathis Propsect, Upson County, Georgia

Transmitted are the Government and Audit copies of the subject amendment.

The usual distribution of the other copies has been made.

OFFICIAL FILE COPY
DMEA
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7/2 600

Robert A. Laurence

CENTRAL FILE COPY
DMEA
RECEIVED JUL 17 1958
CODE

Government Copy

EXPLORATION PROJECT CONTRACT

LEE MEDFORD

DMEA-4828 - mica

AMENDMENT No.1

It is agreed this 25th day of June 1958, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Lee Medford, that Exploration Project Contract Idm-E1150 (Docket No. DMEA-4828) dated the 4th of November 1957, be amended as follows:

ARTICLE 1, is amended to provide that the work shall be completed within eleven (11) months from the date of the contract, instead of eight (8) months as originally written.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute, nor the agreed unit cost of any item of work.

Executed in quintuplicate the day and year first above written.

LEE MEDFORD

Lee Medford

THE UNITED STATES OF AMERICA

By Robert A. Laurence

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

z

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

WASHINGTON 25, D.C.

November 13, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED NOV 15 1957

DATE	INITIALS	CODE
11/15	gb	220
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11/19	Zook	600

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Signed Contract - Idm-E1150, DMEA-4828(mica)
Lee Medford, Spruce Pine, N.C.
Mathis Prospect, Upson County, Georgia

Attached are two copies of the subject signed contract.

The usual distribution of the other copies has been made.

Robert A. Laurence

Robert A. Laurence

Government's copy

MF-200A
(Rev. April 1956)

OFFICIAL FILE COPY DMEA RECEIVED NOV 15 1957		
DATE	INITIALS	CODE
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		215
		600

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXPLORATION PROJECT CONTRACT
(Short Form)

DMEA No.	*Commodity*	*Contract No.*	*County*	*State*
		Idm-E		
4828	Mica	1150	Upson	Georgia

It is agreed 4 NOV 1957, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Lee Medford

whose mailing address is Spruce Pine, North Carolina

hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority and project.*—(a) This contract is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200A), the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed therein. The project work is a search for indicated or undeveloped deposits of the commodity designated above. The Operator shall begin the work on or before DEC 15 1957, and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within 8 months from the date of the contract.

(b) The description of the work and the fixed cost for each unit of work to be performed (per foot of drilling, per foot of drifting, per hour of operations, etc.) are hereby agreed upon as specified in Exhibit A. The estimated total cost of the project work is $6,680.00. The Government will contribute 75 percent of the fixed unit cost of the work performed, not exceeding $5,010.00, in accordance with the provisions of Articles 4 and 5.

(c) The Operator shall not transfer or assign this contract or any right or obligation thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's rights of property and possession therein (whether as owner, lessee, or otherwise), and that such right, title, or interest is subject only to the following claims, liens, or encumbrances: Royalty of 1/8 of gross receipts from the sale of minerals, payable to lessors.

(b) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title of the land (lessor, seller, optionor, etc.) are attached, as follows: Consent to Lien and Subordination Agreement of lessors.

(c) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. The Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing

in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. Two copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 6 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. *Performance of the work.*—(a) Operator's responsibility.—The work shall be performed diligently, efficiently, expertly, in a workmanlike manner, and in accordance with good mining standards and State regulations governing health, safety, and liability insurance covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work, as specified in Article 1 (a).

(b) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after certification of discovery or development, to inspect production operations and underground workings. The Operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 4. *Contribution by the Government.*—The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5 (b); but all payments by the Government are provisional only, subject to audit, and until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been rendered, the Government may withhold such sums as it sees fit but not in excess of 10 percent of the estimated total cost of the work. To the extent that excesses over fixed unit costs or any excess over the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such excesses for his own account without contribution by the Government. The Government will not contribute to the cost of any work performed prior to the date of this contract. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(a) Operator's records.—The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine all pertinent books, documents, papers, and records of the Operator.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing a detailed statement of units of work performed during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and the fixed unit costs incurred for each type of work; and (3) a Narrative Report of the work performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 6. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after the Operator has rendered a sufficient final report (see Article 5), may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

(b) *Royalty on production.*—The Operator, as principal if the Operator is the producer or as surety if the Operator is not the producer (for example, if the Operator either transfers or fails to retain his interest in the land), shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, for a period of ten years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

(c) *Basis for computation.*—The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f. o. b. point); *except,* that charges of *the buyer* arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by *the buyer,* sampling and assaying to determine the value of the production sold, and freight paid by *the buyer* to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling, assaying, or transportation performed or paid by the Operator or by anyone other than the buyer are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent, but excluding fabricating or manufacturing) applied to the crude ore or other production after it is extracted from the ground to put it into a commercially marketable form.

(d) *Unsold production.*—If any production (ore, concentrates, metal, or equivalent) after the lapse of six months from the date the ore was extracted from the ground remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) *Percentages of royalty.*—The percentages of the Government's royalty shall be as follows:

One and one-half (1½) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half (½) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.

(For instance: the royalty on an amount of five dollars ($5.00) per ton would be one and one-half (1½) percent; on an amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this Article.

(g) *Lien for payment.*—To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom until the royalty claim is extinguished by lapse of time or is fully paid.

(h) *Notice to purchasers.*—The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

(i) *No obligation to produce.*—Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(j) *Government not obligated to buy.*—Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

ARTICLE 7. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon the Government shall be free of all obligation to pay on account of units of work not then performed, and the Operator shall be free of all further obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The Government may also avail itself of any other remedy the law may provide for breach of contract, including the right to rescind the contract and to demand repayment of all moneys contributed by the Government under the contract.

(c) The giving of any notice by the Government under the provisions of this Article 7 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and liens to secure the payment thereof, and such rights shall be fully preserved.

ARTICLE 8. *Notices to be given by the Government* may be delivered to the Operator or may be sent by registered mail addressed to the Operator at the mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 9. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 10. *Changes and added provisions.*—

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Long
Hunger
Anderson
Hunt
Chambers
Selfridge

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

LEE MEDFORD
(Operator)

By Frank E. Johnson
ACTING Administrator, Defense Minerals
Exploration Administration

XXX
Lee Medford

Lee Medford

I, Lee Medford, certify that I am the ..... secretary of the corporation named as Operator herein; that ....., who signed this contract on behalf of the Operator, was then ..... of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

.....

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE: 1956—O-383069

OFFICIAL FILE COPY
DMEA
RECEIVED NOV 15 1957

DATE	INITIALS	CODE

EXPLORATION PROJECT CONTRACT
LEE MEDFORD
DOCKET NO. DMEA-4828

ANNEX I

The land referred to in Article 2 of the Contract, known as the Mathis Prospect, is situated 4.60 airline miles S71½°E from the intersection of U.S. Highway 19 and State Routes 3, 36 and 77 in the center of Thomaston, Upson County, Georgia. The Operator is in possession by virtue of a lease dated September 4, 1957, from Mr. and Mrs. B. M. Mathis, Sr. The leased area consisting of 8.3 acres is part of the 50-acre Mathis property, described in the deed recorded in Deed Book 77, page 423, in the Register of Deeds Office, Upson County, Georgia, said 8.3-acre tract being described as follows:

> Beginning on an iron stake which is a corner in the property line between Mathis and W. H. Young, and running S. 23°30' W. 656 feet to a stake, thence N. 600 feet to a stake, thence W. 600 feet to a stake, thence S. 600 feet to a stake, thence E. 600 feet to a point of closing.

A Consent to Lien and Subordination Agreement executed September 4, 1957, by the owners, Mr. and Mrs. B. M. Mathis, Sr., is attached.

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

RECEIVED NOV 15 1957 DMEA

Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E 1150
Contract Date 4 NOV 1957

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of Upson, State of Georgia, described as follows: 2/

Beginning on a iron stake which is a corner in the property line between Mathis and W.H. Young, and running South 23° 30 min. West 656' to a stake, thence North 600', to a stake, thence West 600' to a stake, thence South 600' to a stake, thence East 600' to a point of closing. This property is located approximately 6 miles North West of Thomaston, Georgia.

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 4th. day of September, 1957.

Bill Mathis Sr. [Seal] Thomaston Ga. Rte. 5 [Address]

Mrs. B. M. Mathis [Seal] Thomaston Ga. Rte 5 [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
RECEIVED NOV 15 1957
DATE | INITIALS | CODE

EXPLORATION PROJECT CONTRACT
LEE MEDFORD
DOCKET NO. DMEA-4828

EXHIBIT A

Description of the Work

Exploration for concentrations of strategic mica shall be performed in the area indicated on the map entitled "Mathis Prospect, Upson County, Georgia, DMEA-4828 (Mica)", attached hereto and made a part hereof. The work is divided into two stages. The Operator shall complete Stage I, and shall perform as much of Stage II work as is approved in writing in advance by the Government.

Stage I

Bulldoze a trench along the projected strike to expose the pegmatite to the southwest of present workings. The trench shall be approximately 120 feet long by 20 feet wide by 8 feet deep, aggregating not more than 700 cubic yards of excavation.

Excavate crosscutting hand trenches, in addition to the bulldozer trenches, to clean the surface and expose the bedrock at 30-foot intervals across the bulldozer trenches. The hand-excavated trenches shall be approximately 2 feet wide by 1 foot deep, aggregating not more than 160 cubic feet of excavation.

Stage II

1. Construct:

   (a) A toolhouse, minimum dimensions 7 feet by 8 feet by 10 feet.
   (b) A powder storage magazine, minimum dimensions 4 feet by 3 feet by $2\frac{1}{2}$ feet.
   (c) An exploder storage magazine, minimum dimensions 2 feet by $1\frac{1}{2}$ feet by 1 foot.

The toolhouse may be unfloored; shall be made from unfinished lumber, with protective roof covering; and shall be equipped with lock and key.

The powder and exploder magazines shall be boxed on all sides; shall be made from 2-inch hardwood or 3-inch softwood lumber; and shall be braced at the corners. No metal shall be exposed; and the doors shall be equipped with the equivalent of a 5-tumbler jar-proof lock.

2. From a site determined by the results of the Stage I work, and with the prior approval of the Government, sink a two-compartment vertical or inclined shaft, with timbered manway, a distance of not more than 50 feet.

3. Explore the pegmatite by driving, from or near the bottom of the shaft, not more than 120 feet of drift and/or crosscut.

The shaft and the drifts and/or crosscuts shall be timbered as necessary and shall be not less than 5 feet by 7 feet in the clear in cross-section.

All work shall be performed on the pegmatite or in as close proximity thereto as possible.

The location, inclination, direction and extent of all work are subject to the approval of the Government.

Fixed Unit Costs

Stage I

Excavating 700 cubic yards of trench with bulldozer @ $0.30/ cu. yd.	$210.00	
Excavating 160 cubic feet of trench by hand, 160 cu. ft. @ $0.15/cu. ft.	24.00	$234.00

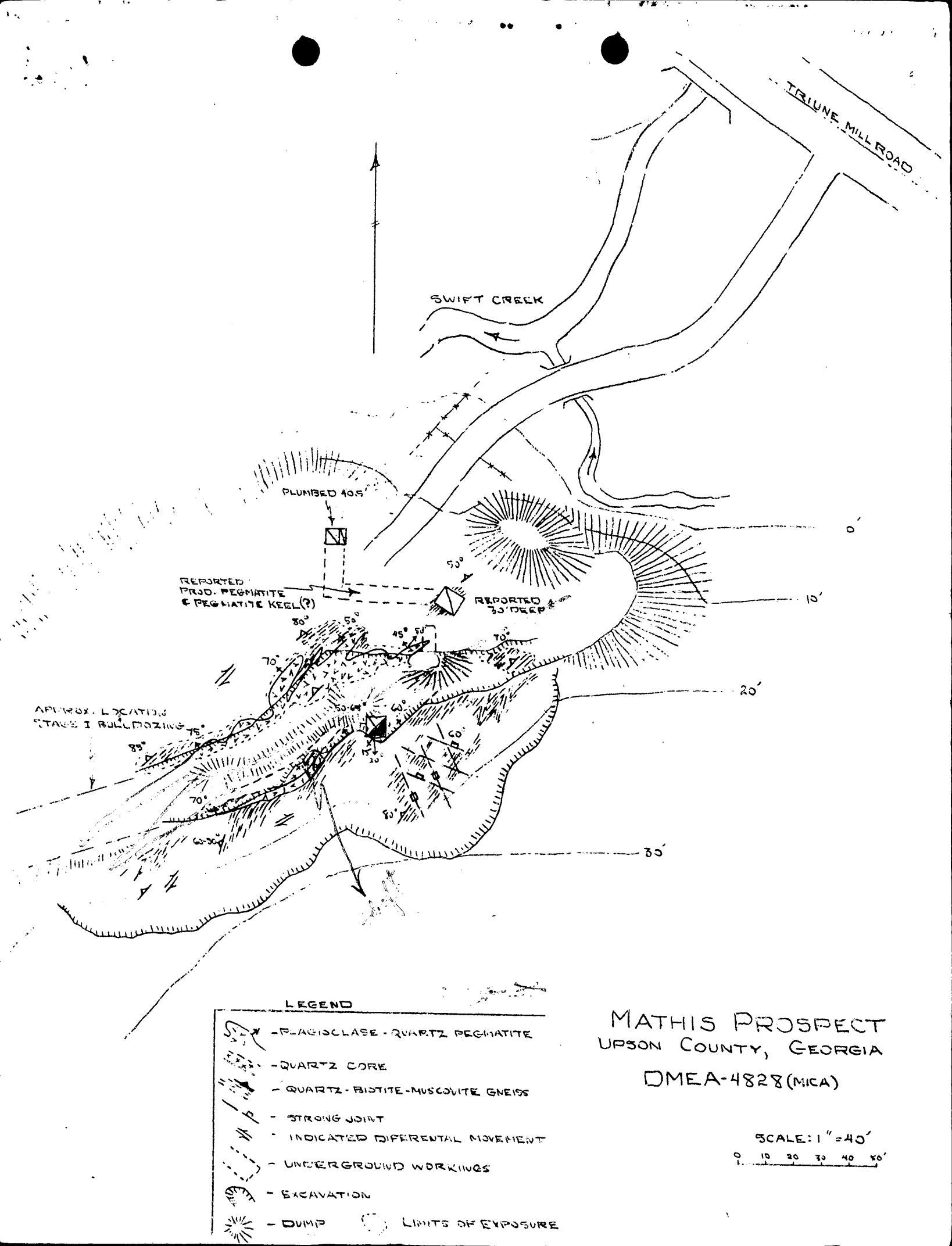
Stage II

1. Construct:

Toolhouse 1/	$76.00		
Powder Magazine 1/	25.00		
Exploder Magazine 1/	15.00	116.00	
2. Sink shaft 50 feet @ $45.00/ft.		2,250.00	
3. Drift and/or crosscut 120 feet @ $34.00/ft.		4,080.00	$6,446.00

Estimated Total Cost Stage I	$234.00
Estimated Total Cost Stage II	$ 6,446.00
Estimated Total Cost of Project	6,680.00
Government Participation @ 75%	5,010.00

1/ The completed work constitutes the unit.


TRIUNE MILL ROAD
SWIFT CREEK
PLUMBED 40.5'
REPORTED PROJ. PEGMATITE & PEGMATITE KEEL(?)
REPORTED 30' DEEP
APPROX. LOCATION STAGE I BULLDOZING
0'
10'
20'
30'
LEGEND
- PLAGIOCLASE - QUARTZ PEGMATITE
- QUARTZ CORE
- QUARTZ - BIOTITE - MUSCOVITE GNEISS
- STRONG JOINT
- INDICATED DIFFERENTAL MOVEMENT
- UNDERGROUND WORKINGS
- EXCAVATION
- DUMP
LIMITS OF EXPOSURE
MATHIS PROSPECT
UPSON COUNTY, GEORGIA
DMEA-4828 (MICA)
SCALE: 1" = 40'
0 10 20 30 40 50'

ORIGINAL FILE COPY
DMEA
RECEIVED NOV 15 1957
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EXTRA COPY
DMEA
RECEIVED OCT 11 1957
DATE | INITIALS | CODE

Form MF-103
Revised Feb. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1035.3
Approval expires June 30, 1958

APPLICATION FOR AID IN AN EXPLORATION PROJECT

PURSUANT TO DMEA ORDER I, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

NAME OF APPLICANT (Full legal name and mailing address as it should appear on contract if one is executed)

Lee Medford
Spruce Pine, N.C.

APPLICANT NOT TO USE THIS BLOCK

Docket Number: 4828
Date Received: 9/9/57
Government Participation %:
Region: V
Division Code: 600

BUSINESS ORGANIZATION (Check one)

- Individual [X]
- Corporation [ ]
- Partnership [ ]
- Other (Specify) [ ]

State in which firm is organized: N.C.

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title

Mineral(s) for which you wish to explore: Mica

Estimated Cost of Project: $ 8,000.00

LOCATION OF PROPERTY

Name, County, State: Mathis Prospect, Upson County, Thomaston, Ga.

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order I, Amended, "Government Aid in Defense Exploration Projects." To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit four copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 1, existing mine workings and geology in item 2, and the proposed exploration project in item 4. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 2(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest DMEA Field Office.*

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.

9-4-57
Dated

Lee Medford
(BY (Signature))

Title

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. *Applicant's Property Rights:*

(a) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all land adjacent to the proposed project area which you own or control. Describe any part of the project land or workings which should not be subject to Government lien for royalty payments. If the land consists of unpatented claims, state the book and page number for each recorded location notice, including amended locations, and the place where recorded (courthouse, recorder's office, county, and state).

(b) State all the names by which you know the property.

(c) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise. If you are not the owner, submit with this application one exact copy of the lease, contract, or other document (with address of owner) under which you control the property.

(d) Describe all liens, mortgages, or other encumbrances on the property.

2. *Physical Description:*

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the lands, including existing mine workings. Describe all production facilities.

(b) State your interest, if any, in operations stated in 2*(a)*.

(c) State, as far as you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves on the property giving quantities and grades and sampling methods used, supporting your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you may have, indicating on each whether you require its return to you.

3. *Accessibility of Project:*

(a) To aid DMEA representatives who may be required to examine the property, state the name and address of the person who will meet the DMEA representative; give directions for reaching the property; and describe accessibility of the property including the mine workings.

(b) Name the shipping and supply points and places where employees reside and state the distances between them and the property.

4. *The Exploration Project:*

(a) Describe fully the proposed exploration project giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and longitudinal and cross sections as necessary. Show the location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *property boundaries* or to the closest identifiable corner.

(b) If an access road to the project must be built, show the location on the property map and state the length, type, and construction methods proposed.

(c) In the event that an exploration contract with DMEA is executed, how soon will the work start and how many months will be required to complete it? State your anticipated average daily or monthly rate of progress for each type of work.

5. *Experience:*

State your operating experience and background with relation to your ability to carry out this exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of Costs:*

Furnish detailed estimates of the costs *for each item of the work proposed in 4(a)* under the headings listed below with a total for each heading and the estimated total cost of the project. Costs for any work to be performed by an independent contractor should be shown separately under category *(a)* below. Costs for any work that is not to be performed by an independent contractor should be given in detail under categories *(b)* through *(g)*.

(a) Independent contracts. State the cost of any proposed independent contract for the performance of all or any part of the work, expressed in units of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. *(Note* – If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. For necessary supervision, engineering and geological services, and labor, include an itemized schedule of numbers, classes, rates of wages, salaries or fees, and periods of employment. State whether these technicians and employees are available.

(c) Operating materials and supplies. List items of material and supplies with their cost. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of operating equipment to be used giving specifications and indicating how each item is to be acquired – i.e., rented, purchased, or provided by the applicant. If it is rented or purchased, state the estimated rental or purchase price. If it is to be furnished by the applicant, give its present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of necessary *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant, which will be used on the exploration project.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration project stating specifications and cost including labor, materials and supervision.

(g) Miscellaneous. For the operating equipment listed in 6*(d)*, describe the type and estimate the cost of repairs and maintenance expected during project operations. Do not repeat initial repairs listed in 6*(e)*. Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories.

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)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order–I, Amended.

(b) Explain to what extent you propose to furnish your share of the costs by providing money, by use of equipment owned by you, or otherwise.

* * * * *

INT.-DUP. SEC., WASH., D.C. 15539

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D M E A
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DATE	INITIALS	CODE

MF-103 (Continuation Sheet)

1. (a) Description on lease.

   (b) Prospect will be known as Mathis Prospect

   (c) Lessee

   (d) No Lien.

2. (a) This is a new prospect.

   (b) No previous operations.

   (c) No past production.

   (d) There appears to be a significant amount of strategic grade mica in vein material.

   (e) Pegmatite vein.

   (f) There is an out-cropping of vein on the surface, and we believe with exploration work good quality ruby mica will be recovered.

3. (a) Lee Medford will meet the D.M.E.A. representatives in Spruce Pine, N.C., and go with them to the mine, which is located approximately 6 miles North West of Thomaston, Ga., on the Tryum Mill road.

   (b) Project is accessible to roads and shipping.

4. (a) We propose to lower a 5' x 7' shaft a depth of 80', then drift a distance of 100' with vein.

   (b) There is no road to be built.

   (c) Work can begin within 15 days after contract is received, and project can be completed within 6 months.

5. Now on file with D.M.E.A.

6. Estimate of Costs:

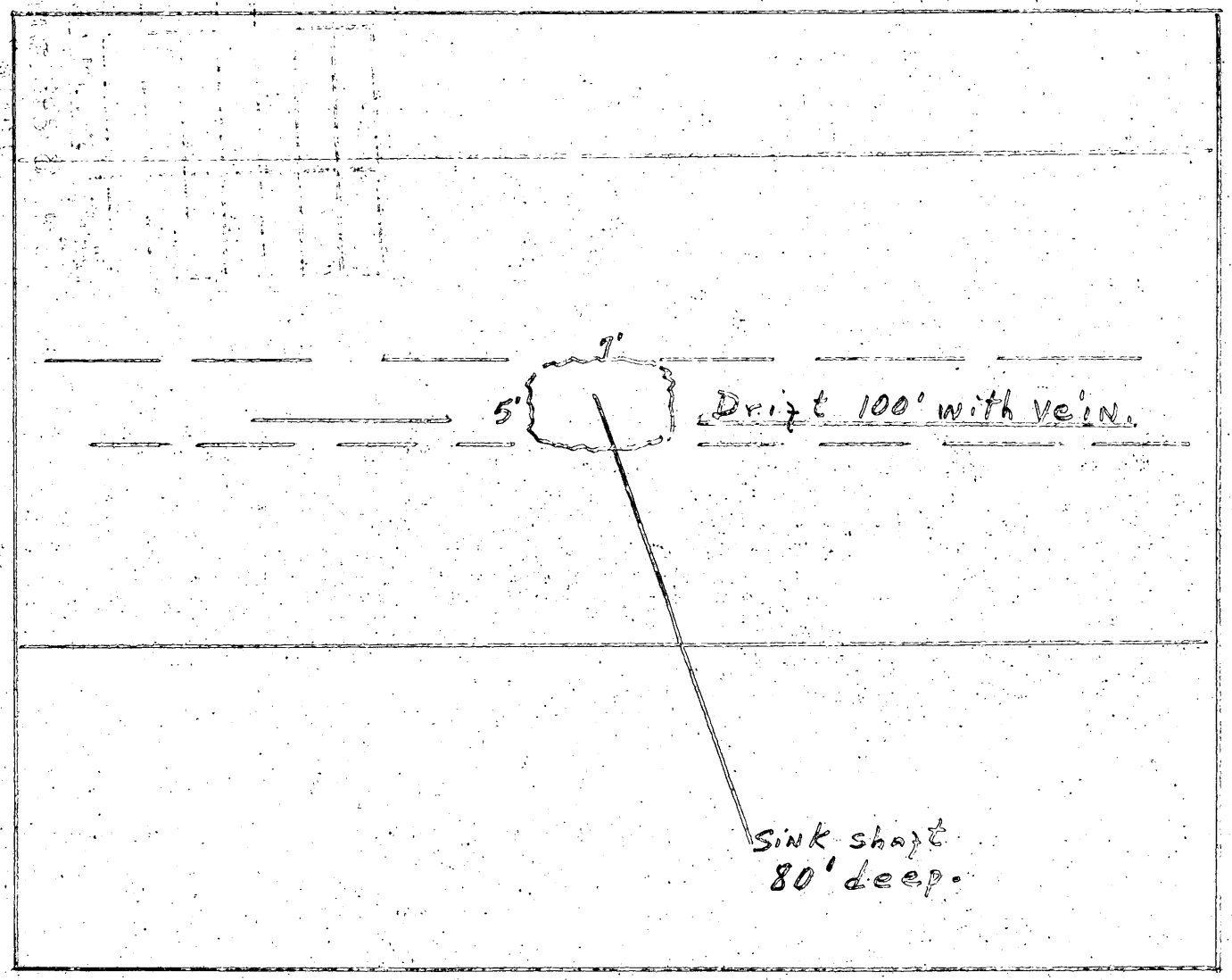
80' Shaft @ $50.00 per foot	$ 4,000.00
100' Drift @ $40.00 per foot	4,000.00
Total estimated cost of project:	$ 8,000.00

7. (a) Will share cost of proposed project.

   (b) Money and equipment.

"Mathis Prospect"

Upson County, Ga.



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DMEA
RECEIVED SEP 9 1957

DATE	INITIALS	CODE

MINING LEASE

State of North Carolina Mitchell County:

This indenture made this 4th. day of September, 1957, 19~~53~~,

between B.M. Mathis, Sr

of Upson County and State of ~~North Carolina~~ Ga. as party of the first part, and known

as lessor, and Lee Medford

of Mitchell County and State of North Carolina, party of the second part and known

as lessee.

WITNESSETH, That the part of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor, 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:

Beginning on a iron stake which is a corner in the property line between Mathis and W.H. Young, and running South 23° 30 min. West 656' to a stake, thence North 600', to a stake, thence West 600' to a stake, thence South 600' to a stake, thence East 600' to a point of closing. This property is located approximately 6 miles North West of Thomaston, Georgia.

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 operatins 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 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 part of the first part, or his or their heirs or assigns, a rental royalty of 1/8 (One-Eighth)

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 operations then being conducted. The lessor 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 lessee, the party of the second part, his heirs or assigns, is hereby given an option to purchase all the right, title and interest, legal and equitable to and in the real estate described and set forth in this lease for a total purchase price of XXXXXXXXXX, said purchase price to be paid in full within three years from the date of this instrument and it is agreed that all rental royalties paid to the party of the first part shall apply toward and 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 will execute a special warranty deed to the party of the second part and that a tender of the remaining purchase price at any time within the next three years shall entitle the party of the second part to specific performance of this option 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. 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:

B.M. Mathis Sr. (Seal)

Mrs. B.M. Mathis Sr. (Seal)

(Seal)

Kenneth R. McKinney
Notary Public
My Comm Exp 8/29/59

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SEP 6 '35

Legal description on the entire tract of
land on which the Mathis Prospect is located.

Beginning at an iron stake the same being W.H. Youngs corner, running thence West 1500' to a 8" post oak, thence running with Lantier Road South 5° 30 minutes East 1486' to a 12" post oak J.C. Blunt's corner, thence with J.C. Blunts line East 1479' to a 6" post oak, thence with W.H. Young's line North 5° West 1480' to an iron stake the point of beginning, Containing 50 acres.

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DATE	INITIALS	CODE

MF-503

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE MAR 3 1958

REFERRED TO:

1. ~~OPERATING COMM.~~
2.
3. 600
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record
..... Comment	of .....
..... Conference	..... Referring
..... Consideration	to .....
..... Filing	..... Reply for signa-
..... Instructions	ture of .....
..... Investigation	..... Rewriting
..... Initials	..... Signature
..... Mailing	..... Suggestions
..... Previous correspondence	..... Your information

REMARKS: Refer to your letter 2/24/58

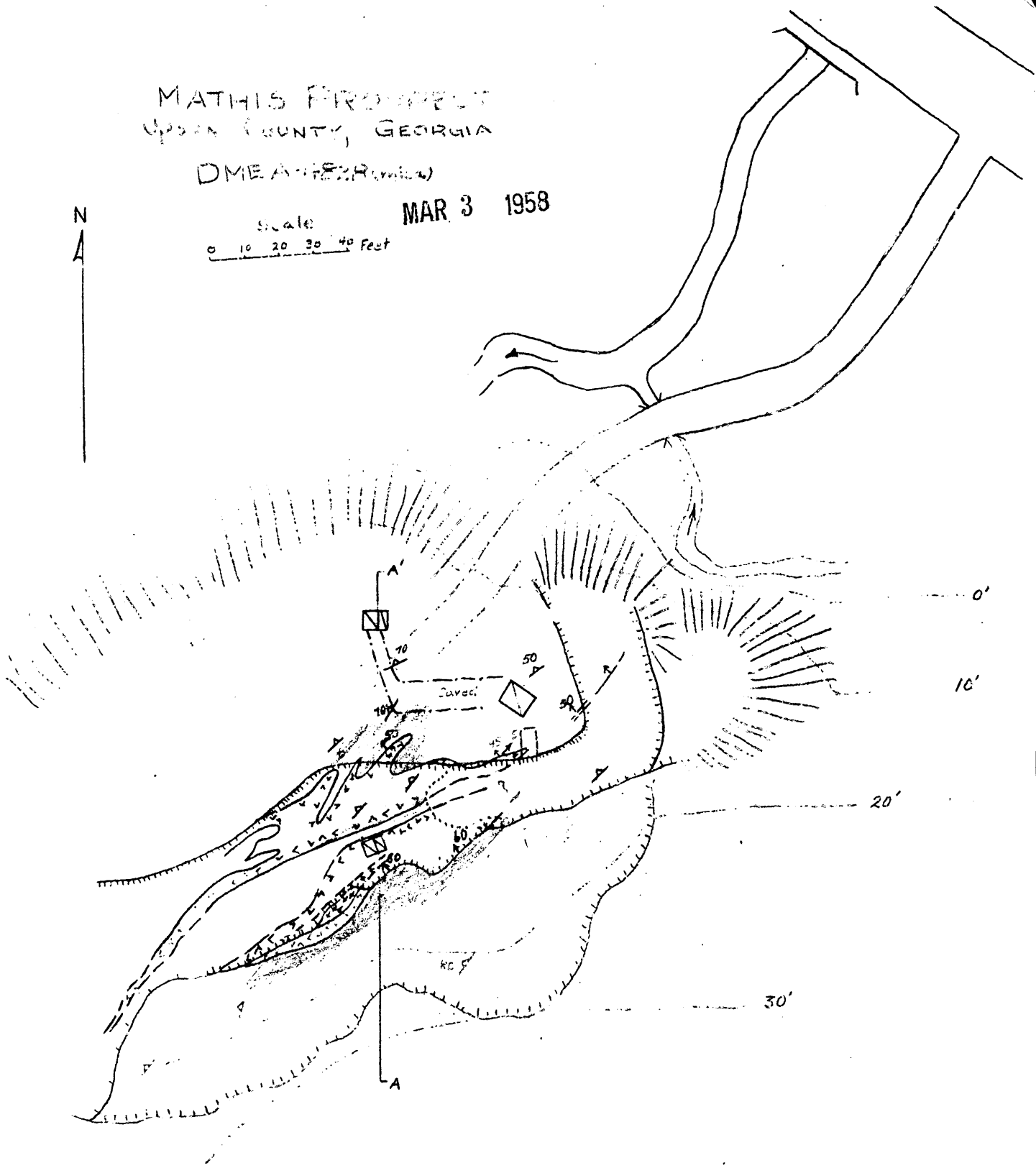
Check (X) before the items needing attention.

ROBERT A. LAURENCE
Initials of sender.

GPO 16—63815-1

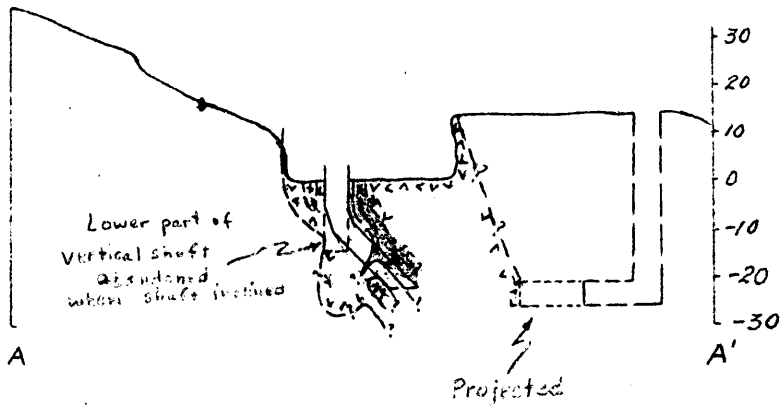
MATHIS PROSPECT
Upson County, Georgia
DMEA [illegible]

MAR 3 1958



Explanation

- Plagioclase, quartz, muscovite pegmatite
- Quartz core
- Biotite-muscovite gneiss
- Contact with dip
- [illegible]ke & dip of foliation
- [illegible] open cut
- [illegible] workings



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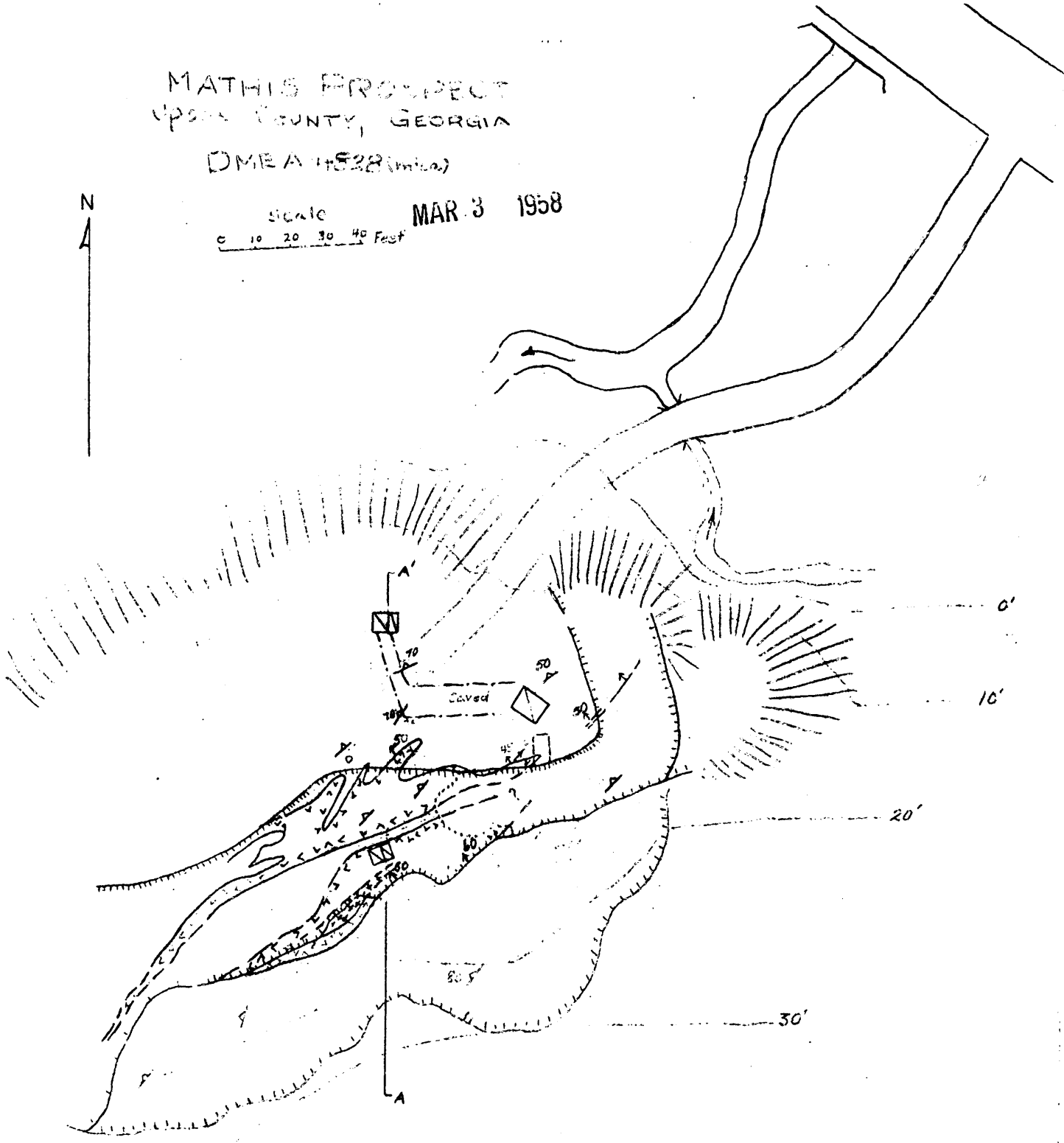
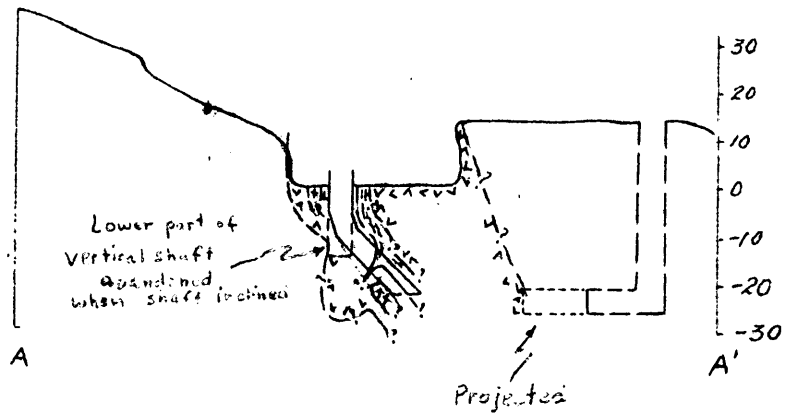
MATHIS PROSPECT
Upson County, Georgia
DMEA 1-528 (mica)

MAR 3 1958



Explanation

- Plagioclase, quartz, muscovite pegmatite
- Quartz core
- Biotite-muscovite gneiss
- Contact with dip
- Strike & dip of foliation
- Open cut
- Underground workings



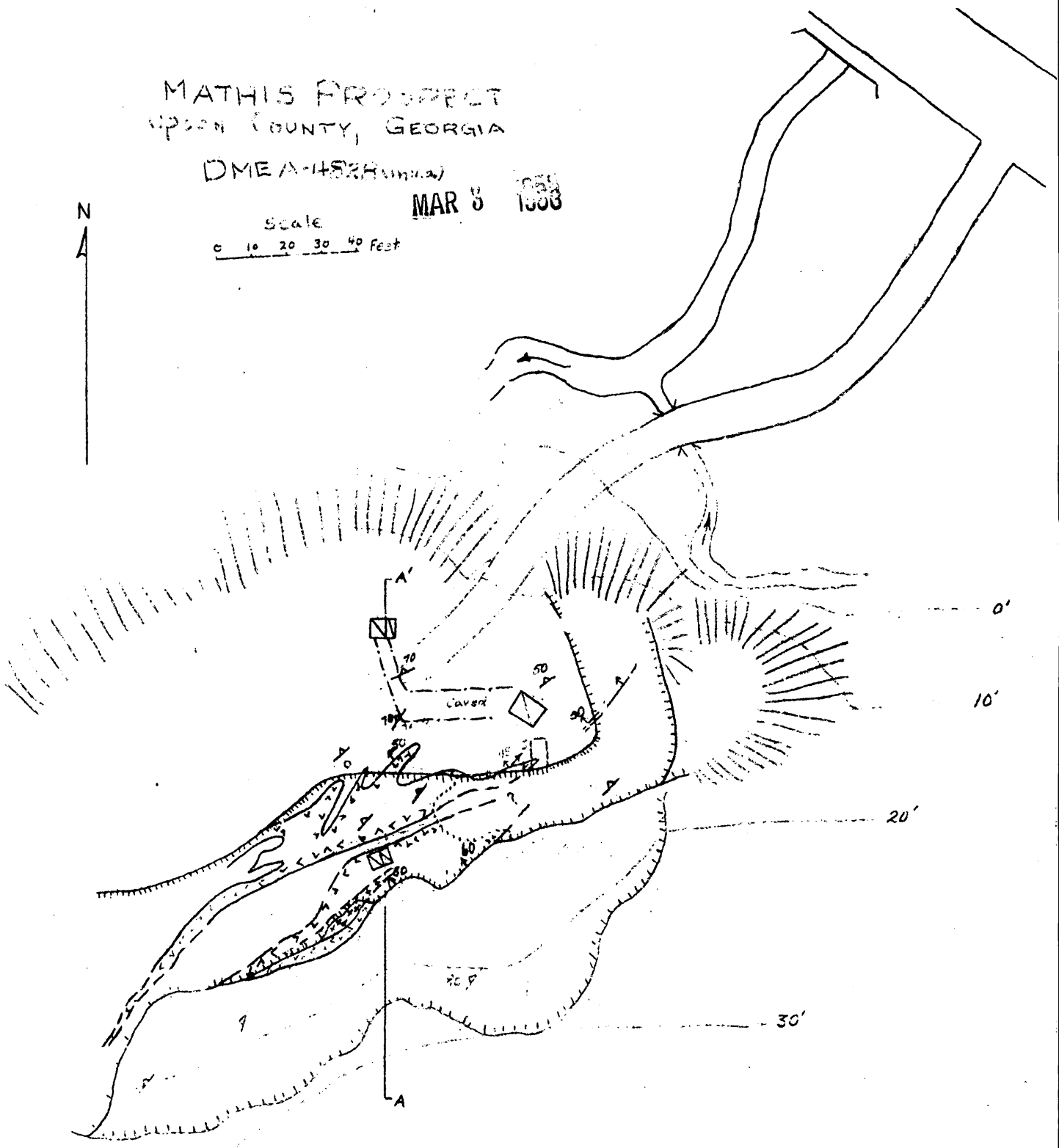
MATHIS PROSPECT
Upson County, Georgia

DME A-1452 (minerals)

MAR 3 1983

N

Scale
0 10 20 30 40 Feet



Explanation

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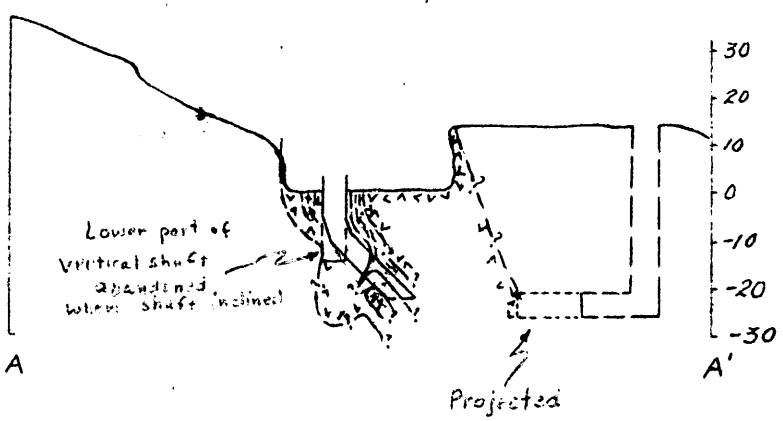
- Open cut
- Underground workings



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DATE		CODE

Form 7
6)

OFFICIAL FILE COPY

Date	Surname	Code
3/25	Anderson	600

600

Project Summary Report

By: Walter C. Anderson March 20, 1959

1. Docket No. DMEA-4828-Mica
Contract No. Idm-E1150
Mathis Prospect
Upson County, Georgia

Application - Form MF-103 (Feb. 1957) received Sept. 9, 1957.
Work proposed by Applicant:

80 ft. of shaft @ $50/ft.	$4,000.00
100 ft. of drift @ $40/ft.	4,000.00
Total requested	$8,000.00

Operator: Lee Medford
Spruce Pine, North Carolina

Operator's property rights - Five year mining lease on the B. M. Mathis property, consisting of 8.2 acres, dated September 4, 1957. Consent to Lien and Subordination Agreement dated September 4, 1957.

2. Contract: Form MF-200A (April 1956) dated November 4, 1957.
Work authorized:

Stage I	
Excavate 700 cu.yds. bulldozer trench @ $0.30/cu.yd.	$210.00
Excavate 160 cu.ft. of hand trench @ $0.15/cu.ft.	24.00
Stage II	
Construct: Toolhouse, powder and exploder magazines	$116.00
50 ft. of shaft @ $45/ft.	2,250.00
120 ft. of drift and/or crosscut @ $34/ft.	4,080.00
Estimated total cost of project	$6,680.00
Government participation @ 75%	$5,010.00

Amendments - No. 1, 6/25/58 - Extended completion date from July 7, 1958 to October 7, 1958.

8623

Work completed:

700 cu.yds of bulldozer trench @ $0.30/cu.yd.	$210.00
80 cu.ft. of hand trench @ $0.15/cu.ft.	12.00
Construction - Toolhouse, powder and exploder magazines	116.00
50 ft. of shaft @ $45/ft.	2,250.00
31 ft. of drifts @ $34/ft.	1,054.00
Total accepted cost	$3,642.00
Government participation	$2,731.50

Contract work started November 27, 1957, and was terminated by mutual consent before completion, effective August 18, 1958.
Field Team final report received November 7, 1958.
Operator's final report received September 17, 1958.
No equipment purchased under contract.
About 500 pounds of mine-run mica produced during contract.

Sales - 50.57 pounds of trim	$883.43
2500 pounds hand cobbed	750.00
Total	$1,633.43
Royalty paid	$ 81.67

3. Audit - Report of Review issued September 22, 1958

Total accepted cost	$3,642.00
Government participation	$2,731.50

4. Certification of discovery - none issued.
No significant concentrations of mica found during contract work.

5. Comments:
How conducted: All of the work in which the Government participated was acceptable.
Operation: Work of the contract was well done but slow because of bad weather.
Engineering: Reporting by the Operator was very unsatisfactory.
Geological premise: Mica of excellent quality had been produced along the hanging wall contact and core margins of a large pegmatite with good indicated strike continuity. The contract work proved that not much mica remained in the deposit and instead of an extension, the pegmatite pinched out.

Geological criteria upon which work was based:

1. Pegmatite - Contorted, mica-bearing, from 20 to 35 feet thick exposed for about 100 feet along strike. Grossly concordant with a strong folded country rock composed of garnetiferous, quartz-biotite-muscovite gneiss. Upper wall zone of pegmatite consists of medium fine grained kaolinized plagioclase, minor perthite, fine grained interstitial quartz, and small amounts of muscovite. The footwall zone consists of medium grained perthite, minor interstitial quartz, and fine grained kaolinized plagioclase.
2. Mica - Flat (Flat-A along the core margin), free splitting, clear light brown color with a slight reddish tinge. Reeving in flat-A material, minor cracking and ruling. Books up to three to four inches across.
3. Past production.

Criteria developed during project:

1. Pegmatite - The pegmatite explored is one of two sinous sub-parallel bodies outlined by Stage I bulldozing. It is zoned, consisting of a discontinuous quartz core, intermediate perthite-plagioclase, quartz, muscovite zones and wall zones of plagioclase and muscovite. Ranges in thickness from 1 to 15 feet, pinches rapidly to one foot or less below the 47-foot level. No mica shoots found, only small discontinuous mica-rich pods.
2. Mica - (a) From the shaft - hard, flat, free splitting and of good quality -- (b) From the drift - smaller and of poor quality.

Future possibilities: None, no further exploration is warranted.

Recommendation: The Nonmetallic Minerals Division concurs in the Field Team's recommendation not to certify.

Walter C. Anderson

Walter C. Anderson

WCAnderson:gad 3/20/59
Copy to: Dir. R. File

WORK ANALYSIS SHEET - DMEA PROJECT

☐ Actual Cost

☑ Agreed Unit Costs

...ified

Lee Medford

...te Georgia

Analysis as of 10/13/58

Incl. Voucher for Aug. 58

Docket No. 4828

Commodity Mica

Idm-E No. 1150

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	120 ft.	4,680.00	3.1	$1,054.00	
Raising					
Shafts	50 ft.	2,250.00	50	2250.00	
Winzes					
Drilling (Specify)					
Surface Excavation 700 c/yds trench @ 30¢/yd 160 c. ft. hand trench @ $0.15/c. ft.		234.00		222.00	
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.		116.00		116.00	
Other (Specify)					
Totals		6,680.00		$3,642.00	

Prepared by Walter C. Anderson

71626

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O. M. E.
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DATE	INITIALS	CODE
11-20	C	220
11-21	MRA	600

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

November 19, 1958

Memorandum

To: Nonmetallic Minerals Division
Office of Minerals Exploration

From: Acting Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4828 (mica)

Applicant: Lee Medford

Name and Location of Property: Mathis Prospect, Upson County, Ga.

Contract Number: Idm-E 1150

Date of Field Team Final Report: 11/5/58

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 11/18/58

Field Team Recommendation: Recommend that no certification be issued.

Comments:

1. Work under contract consisted of bulldozing, sinking a 50-foot shaft, and drifting 31 feet.

2. About 500 pounds of mine-run muscovite was recovered during contract work.

3. The pegmatite appears to pinch out and no significant concentrations of mica were found during contract work.

4. Expenditures

Total approved	$6,680.00
Total cost	3,642.00
Gov't. share of the cost	2,731.50
Value of production during operation	1,633.43
Royalty paid	81.67

Recommendation:

I concur with the recommendation of the field team that no certification be made.

Donald R. Irving

Donald R. Irving

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.

November 5, 1958

Memorandum

To: Operating Committee, OME - Washington

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

Subject: Final Report - DMEA-4828, Idm-E1150-mica.
Mathis Prospect, Upson County, Georgia

Transmitted are the original and two copies of the Field Team final report on the subject contract.

The Field Team concurs with the Field Examiners in their recommendation that no certification be issued on this contract.

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

Wm. A. Beck
Wm. A. Beck, for V. J. Lynch
Member, Bureau of Mines (OME)

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RECEIVED NOV 7 1958

DATE	INITIALS	CODE
11/7	C	220
	esy	130
11/10		110
		130

Reviewed by
OME OPERATING COMMITTEE
11/18/58
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

OFFICE OF MINERALS EXPLORATION

FINAL REPORT

Field Team, Region V

Field Team Final Rpt.

DMEA-4828, Idm-E1150(mica) MATHIS PROSPECT
Upson County, Georgia

OFFICIAL FILE COPY
O. M. E.
RECEIVED MAY 7 1958
DATE | INITIALS

By

F. G. Lesure, Geologist
Geological Survey (OME)

and

S. A. Feitler, Mining Engineer
Bureau of Mines (OME)

November 5, 1958

Reviewed by
OME OPERATING COMMITTEE
11/18/58
(date)

DMEA EXPLORATION PROJECT

FINAL REPORT

DMEA-4828 (mica) MATHIS PROSPECT
Upson County, Georgia

Operator: H. Lee Medford, Spruce Pine, North Carolina

Summary

The Mathis prospect was explored under a two-stage contract. Stage I bulldozing outlined two sinuous sub-parallel pegmatite bodies trending northeast. Stage II consisted of sinking 50 feet of inclined and vertical shaft and drifting 31 feet on the southeastern pegmatite. This pegmatite is zoned. It has a discontinuous quartz core, intermediate perthite-plagioclase, quartz, muscovite zones and wall zones of plagioclase and muscovite. Only small discontinuous mica-rich pods were found. About 500 pounds of mine-run muscovite was produced in the shaft and drift. Because the pegmatite appears to pinch out and no mica shoots were found the contract was terminated by mutual agreement. We recommend that no certification be made. No further exploration is warranted.

Introduction

Location: The Mathis prospect is on the east bank of Swift Creek, 250 feet south of the Triune Mill Road and 4.52 miles S71°E of the courthouse in Thomaston, Upson County, Georgia (Thomaston, Ga., Quad., USGS, 1:62,500). A short mine road just east of the bridge across Swift Creek leads to the mine.

History: The Mathis prospect may be the same as the Young Mine described by Kesler (U.S.G.S. Prof. Paper-248-F, page 343) but later bulldozing has removed most of the earlier workings.

At the beginning of the contract, the workings consisted of one large cut 160 feet long, 10 to 30 feet wide and up to 20 feet deep; a cribbed shaft 41 feet deep with 55 feet of level work driven to the south and east; and a caved shaft re-

ported to be 30 feet deep. The Operator sold 369 pounds of trimmed mica for $5,812.81, produced from the mine between September 1956 and July, 1957. The contract is dated November 4, 1957.

Contract Work

Work on contract Idm-E1150, DMEA-4828 was started November 27, 1957 and terminated August 18, 1958. Work on the contract was recessed by the Operator February 21, 1958, pending the clearing of title. Permission to authorize payment for work done from November 27, 1957 to February 21, 1958 was given on April 28, 1958, and the contract work was resumed shortly afterwards.

Stage I bulldozing of the two-stage contract consisted of moving 830 cubic yards of material, 130 yards at the Operator's expense. This was done in a trench 140 feet long, 20 feet wide, and 8 feet deep. Hand trenches across the main trench were dug at 30-foot intervals. These were 2 feet wide, 0.5 feet deep, and totalled 80 feet in length, a total of 80-cubic feet.

A shaft site was selected for the Stage II work and a toolhouse, powder magazine and exploder magazine were built. The shaft was sunk 15 feet vertically but on the advice of the Examiners it was then inclined at minus 55° toward the northwest. A total of 24 feet of inclined shaft was then sunk but as the

target pegmatite steepened sharply and a second pegmatite in the hanging wall apparently flattened, the shaft was again turned and sunk vertically 25 feet. The finished shaft was measured as 8 feet vertical from the ground level, 17 feet inclined at minus 55°, and 25 feet vertical. The extra shaft work was done at the Operator's expense.

Drifts were turned off from the shaft about 6 feet above the bottom. The drift to the southwest was 15 feet long; that to the northeast was 16 feet. The pegmatite apparently pinches in both directions and no mica shoots were found.

Work on the contract was done well but was slow because of bad weather, water and pump troubles, and problems concerning the validity of the mining lease. The Operator was cooperative and attempted to follow the Examiners' suggestions.

Geology

The Stage I bulldozing exposed two sinuous sub-parallel pegmatite bodies trending northeast and dipping northwest. These are separated at the surface by a septum of schist 2 to 15 feet thick which increases in thickness at depth. The shaft was collared at a point where the pegmatites were close together in order to explore the hanging wall zone of the southeastern body and the footwall of the northwestern. Because of a divergence of dip only the southeastern body was finally explored. The northwestern pegmatite is probably the same one worked by the Operator from the 41-foot shaft northwest of the contract shaft.

He reports mining was done along the keel(?) of this body and further exploration on it is probably not warranted.

The southeastern pegmatite ranges in thickness from 1 to 15 feet. Below the 47-foot level it pinches rapidly to 1-foot or less. The northwestern wall rolls sharply in the shaft area changing the direction of dip from northwest to southeast and finally becomes vertical near the shaft bottom. At this drift level the northeastern part of the pegmatite seems to plunge southwest and the southwestern part plunges northeast indicating that the keel of the body has been reached. The pegmatite is partly discordant along the southeast wall at the drift level. The northwest wall is generally concordant.

The Mathis pegmatite is zoned. It has a discontinuous quartz core, 1 to 4 feet thick; intermediate zones containing coarse-grained perthite, plagioclase, quartz and muscovite with accessory sulfides, 1 to 2 feet thick; and wall zones containing medium- to coarse-grained plagioclase and muscovite, 0.5 to 1-foot thick. Mica rich pods in the wall zones were found near the 35-foot level in the shaft. These contained books of muscovite up to 7 inches across. About 300 pounds of mine-run mica was recovered in the shaft and about 200 pounds in the drifts. The mica from the shaft was hard, flat, free splitting, and of good quality. That from the drifts was smaller and of poor quality.

Production and Reserves

About 500 pounds of mine-run muscovite was produced from the contract shaft and drift. The Operator has made sales

of 50.57 pounds of trim muscovite valued at $883.43 and 2500 pounds of hand cobbed mica valued at $750. Most of this was produced from the northeastern part of the trench during Stage I bulldozing.

No reserves of strategic muscovite were outlined by the contract work. Only small mica-rich pods were found in the shaft and drift. As these were mined out no reserves remain.

Recommendations and Conclusions

We recommend that no certification be made. No significant concentrations of mica were found during the contract work. The shaft and level work indicate that the pegmatite pinches out both horizontally add vertically so that no reserves can be outlined. No further exploration is warranted.

Expenditures

a) Total approved	$6,680.00
b) Total cost	3,642.00
c) Government's share	2,731.50
d) Government's share unexpended	2,278.50
e) Value of production	1,633.43
f) Royalty paid	81.67

F. G. Lesure, Geologist
Geological Survey

S. A. Feitler, Mining Engineer
Bureau of Mines (OME)

November 5, 1958

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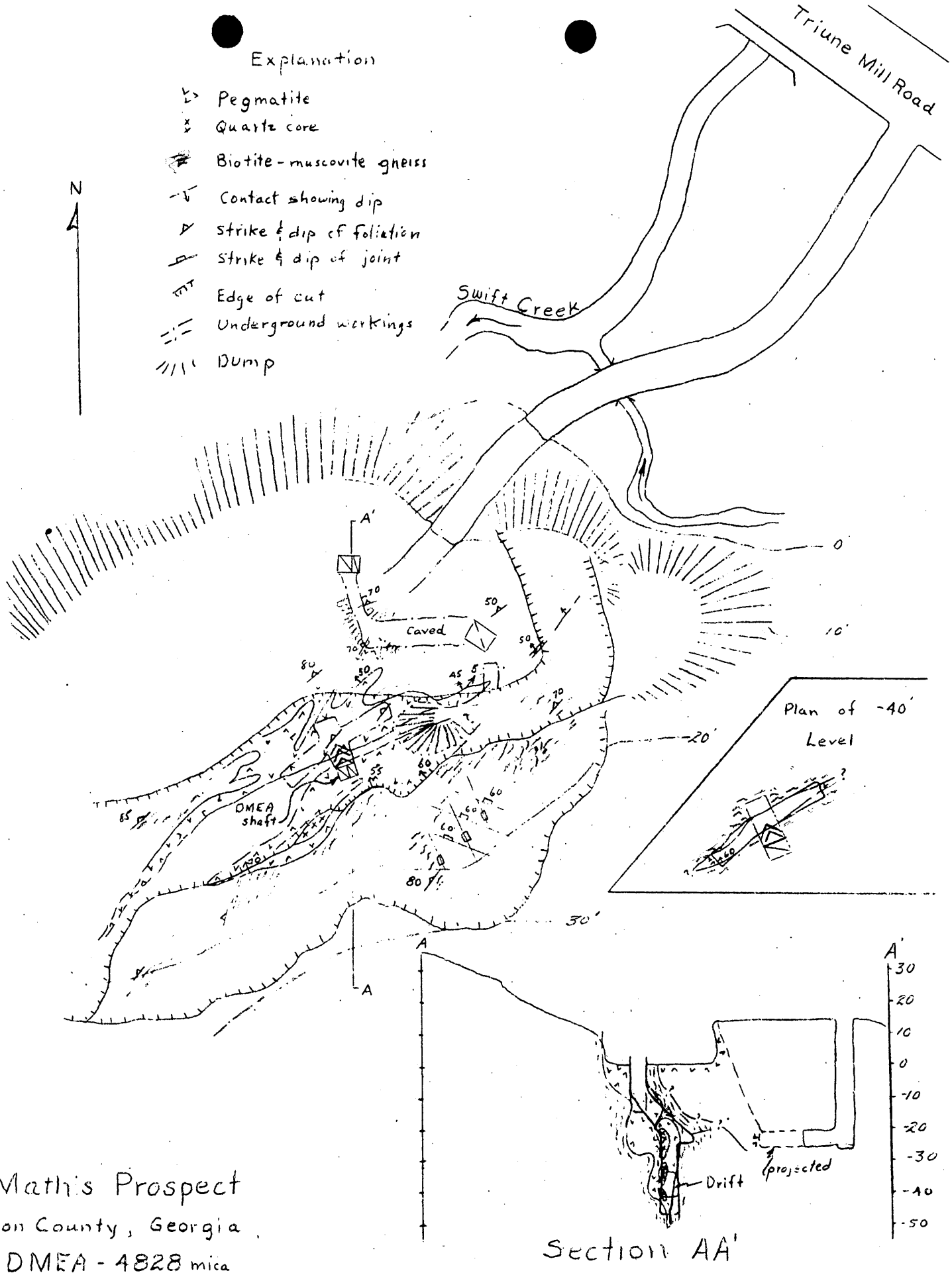

Math's Prospect

Upson County, Georgia

DMEA - 4828 mica

FGL 10/58

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED OCT 5 1958 D.M.E.A.

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-

Month of August, 1958 Docket No. DMEA 828 Contract No. 1150
Operator's Name H. Lee Medford Minerals Mica
Address Hickory, N.C.
Contract Amount, $6680.00 Government Participation: 75 % Amount, $5010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
~~Drilling~~ Shafting		$2250.	$2250.			
Bulldozing		210.	210.			
Crosscutting	$544.	510.	1054.			
Drifting						
Hand Trenching		12.	12.			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		$116.	116.			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$544.	$3098.	$3642.	544.00	3098.00	3642.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 8-17-58 *Payee H. Lee Medford
Per Lucian Hawkins Title Agent

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 408.00
Signature Walter R. Miller
(Authorized Certifying Officer)
Date OCT 1 1958 Vou. No. 40
(See other side)

5th + 7
T-8/18
126.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1150 in accordance with the terms of the contract.

Signature S. Feitler Title MINING ENGINEER U. S. BUREAU OF MINES Date SEP 29 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER OME FIELD TEAM REGION V Date SEP 29 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED OCT 5 1958

Month of August 8 1958 Docket No. DMEA 4532 Contract No. 1150

Operator's Name W. Lee Medford Minerals Mica

Address Altapass, N.C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
	ft.	$544.	16	$1054.	31	$34.	120	$34.
Drifting								
Crosscutting								
Raising	ft.			$2250.	50	$45.	50	$45.
Shafts								
Winzes								
Drilling: Core								
Churn								
Bulldozing	Cu.yd.			$210.	700	0.30	700	0.30
Hand Auger	cu. ft.			$12.	80	0.15	160	0.15
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs				$116.				
New Buildings, Improvements, etc.								
				$3642.				
Total Costs		$544.						

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 8-17-58 Operator W. Lee Medford

Per Thomas Harris Title Lessee

Remarks:

NOTE.—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.

(Instructions on reverse)

(For Government use only)

S Feitler
MINING ENGINEER
U. S. BUREAU OF MINES

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Month of August, 1958

DMEA-4828
Idm-E-1150
Date work began - 11-27-57

Aug. 4-8: Began to drift in opposite direction. Not much Mica produced. Pump burned out causing operation to shut down on Thursday.

Aug 11-15: Hired Frank Buchanan. Drifted a total of 16' in east direction, producing about 200 lbs. of mica, a total of 500 lbs. Advised by field team to discontinue operation.

J. Lee Medford

RECEIVED
AUG 20 1958
U. S. Geological Survey
Geologic Notes
Denver, Colo.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
9/22	Talbert	800
9/22	C	220
		600

SEP 22 1958

Mr. Robert A. Laurence
Room 13, Post Office Building
Knoxville 2, Tennessee

Re: Docket No. DMEA-4828 (Mica)
Lee Medford
Contract No. Idm-E1150

Dear Mr. Laurence:

Enclosed are the original and three copies of a Report of Review, as requested by your September 17 memorandum. Also enclosed is the Operator's final (August 1958) MF-104, which was submitted with your request.

If you concur with the facts as stated in this report, please make the usual distribution. If for any reason you do not concur, please return the original and all copies with your comments to this Division.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert
Contract Administration and
Audit Division

Enclosures

EDTalbert/GMcC
Sept. 22, 1958

cc: Docket
Act. Director's Read. File
Mrs. Helen R. Miller
Mr. Chambers
Mr. Talbert

8623

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

September 17, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 19 1958

DATE	INITIALS	CODE
9-19	C	220
9/19	[illegible]	800
9/22	WA	600

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Operator's Final Report - DMEA-4828, Idm-E1150(mica)
Mathis Prospect, Upson County, Georgia

Transmitted are the original and two copies of the subject report.

Robert A. Laurence

Robert A. Laurence

z.

DMEA
RECEIVED 1958
DATE | INITIALS | CODE

Altapass, N. C.
Sept. 15, 1958

Robert A. Lawrence
Executive Officer
DMEA Field Team
Knoxville, Tenn.

Re: DMEA-4828 (mica)
Mathus Prospect
Upson County, Georgia
Contract No. Idm-E1150

Final Operator Rpt.

Dear Mr. Lawrence:

Work began on Contract #1150 on Nov. 27th, 1957 and ended on August 16th, 1958.

The exploration consisted of excavating 700 cu. yards of trench with a bulldozer and 160 cu. feet of trench by hand. We constructed a toolhouse, powder and exploder magazine. We sank a shaft 50 feet and drifted 15 feet in the west direction and 16 in the east direction, producing altogether a total of 500 lbs. of mica.

The geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work are as follows:

After completing 50 ft. of shaft and 31 ft. of crosscut, the vein continued to narrow with the slate pinching together, indicating no mica concentration in the shaft and none along the pegmatite to the east and west from bottom shaft.

It is the opinion of both the field team and the operator that this pegmatite does not warrant further exploration.

We wish to thank the field team for their co-operation.

Sincerely,

Southern Miming Co.

H. Lee Medford, Pres.

RECEIVED
SEP 17 1958
U.S. Bureau of Mines
Rare Min. Prod.

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

September 17, 1958

RECEIVED SEP 19 1958		
DATE	INITIALS	CODE
9-19	C	220
9/19	Hook	600

Memorandum

To: Jay L. Chambers, Director - DMEA - Washington

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

Subject: Termination - DMEA-4828, Idm-E1150 (mica) Mathis Prospect, Upson County, Georgia. Lee Medford, Operator.

Work on the subject contract has been terminated as of August 18, 1958.

The following units of work have been acceptably performed, as verified by our Field Examiners:

1. A toolhouse, powder and exploder magazines were constructed.
2. A shaft was sunk to a depth of 50 feet.
3. 31 feet of drifting was completed.
4. 700 cu. yds. were excavated in exploration trenches.
5. 80 cu. ft. of hand cleaning was completed in the trenches.

A report of review is requested. A final voucher (MF-104) is attached.

Robert A. Laurence

RAL/am
cc
Opr. Com-2
Lynch
Files

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

9/15 C 220
9/15 Hoch 600

September 11, 1958

Memorandum

To: Finance Officer, Region V - (DMEA)

From: Executive Officer, DMEA Field Team, Region V

Subject: Royalty Payment - DMEA-4828, Idm-E1150 (mica) Lee Medford, Operator- Mathis Prospect, Upson County, Georgia.

Attached is a final settlement sheet in the amount of $250.45 for mica sold to the GSA Depot, and a check, No.258, dated September 9, 1958, for $12.52 representing 5% royalty on the sale.

Robert A. Laurence

zm.
cc
Mittendorf
Lynch
Files

12-2225

Millendorf

FORM APPROVED BY COMP. GEN., U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT - MICA PURCHASE

MICA PURCHASE DEPOT - [redacted]

PROGRAM: [X] A [ ] B

DATE PURCHASED: [redacted]

ACCEPTANCE NUMBER: [redacted]

CERTIFICATE AUTHORIZATION NUMBER: [redacted]

LOT NUMBER: [redacted]

VOUCHER NUMBER:

SCHEDULE NUMBER:

EVALUATION DATA

RUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT	
GOOD STAINED AND BETTER							
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$	
GRADES NO. 4 AND 5				.98	40.00	[redacted]	39.20
GRADES NO. 5½ AND 6				[redacted] 10.13	17.70	[redacted]	179.30
STAINED							
GRADES NO. 3 AND LARGER		10.00			[illegible]		
GRADES NO. 4 AND 5		[illegible]		.28	18.25	5.11	5.11
GRADES NO. 5½ AND 6		[illegible]		3.47	7.55	[redacted]	26.20
HEAVY STAINED							
GRADES NO. 3 AND LARGER		8.00			[illegible]		
GRADES NO. 4 AND 5		4.00			[illegible]		
GRADES NO. 5½ AND 6		[illegible]		.16	4.00	.64	.64
TOTALS			$			$	

NONRUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER		$			$ [illegible]	$
GRADES NO. 4 AND 5					40.00	
GRADES NO. 5½ AND 6					[illegible]	
STAINED						
GRADES NO. 3 AND LARGER		[illegible]			20.00	
GRADES NO. 4 AND 5		4.00			[illegible]	
GRADES NO. 5½ AND 6		2.40			[illegible]	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		6.40			[illegible]	
GRADES NO. 4 AND 5		3.20			[illegible]	
GRADES NO. 5½ AND 6		1.60			4.00	
TOTALS			$			$

MICA FILE COPY
RECEIVED SEP 15 1958

TOTAL YIELD AND VALUE [X] RUBY [ ] NONRUBY (Half trim plus full trim) 15.02 LBS. $ [redacted]

ADJUSTED VALUE WHEN LESS THAN 18% [illegible] B (ABOVE VALUE $ [illegible]) $

FOR PROGRAM B, DEDUCT $4.00 PER POUND FOR RIFFLING AND TRIMMING

FINAL BASIS FOR PAYMENT $ [redacted] 250.45

LESS: INITIAL PAYMENT VOUCHER NUMBER SCHEDULE NUMBER [redacted] 145.37

BALANCE DUE [X] SELLER [ ] GOVERNMENT $ [redacted] 103.08

NAME AND LOCATION OF MINE

[redacted], Upson Co., Ga.
[redacted] 73.97

Mathis Prospect - Upson County, Ga.

SELLER'S NAME AND ADDRESS (Type or print)

[redacted], Wilkes Co.
Allington, N. C.

PURCHASED FOR PAYMENT (LBS.)	[redacted] 15.02
PROCESSING NO PAYMENT (LBS.)	
THINS	
BLACK (Dots, Spots, Stained)	
UNDERSIZED	.05
PROCESSING LOSS	.05
TOTAL POUNDS PURCHASED	15.07 [redacted]

APPROVED

DEPOT SUPERINTENDENT

DATE 8-22-58

GSA WASH D C 58-3177

OFFICIAL FILE COPY

Date	Surname	Code
9/3	Houk	

600

September 3, 1958

Memorandum

To: Mr. C. O. Mittendorf, Administrator

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

Subject: Amendment No. 1 - Docket No. DMEA-4828-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia
Contract No. Idm-E1150

The Division of Nonmetallic Minerals concurs in Amendment No. 1 to the subject contract as written and executed in the field. This amendment extends the completion date from August 15, 1958, to November 15, 1958.

Amendment No. 1 is necessary because of the delay in establishing the right of possession.

LGHouk:gad 9/3/58
Copy to: Admr. R. File
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
9/2	Houk	600
9-2	Chambers	800
9/2	[illegible]	130
"	Johnson	110
"	Hutchison	100
9/3	C	220
		600

600

SEP 2 1958

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

Re: Docket No. DMEA-4628-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia
Contract No. Idm-E1150

Dear Mr. Laurence:

Reference is made to the Field Team's memorandum of August 20, 1958, recommending termination of the subject contract.

Enclosed are the original and four copies of a proposed termination agreement signed by the Administrator for the Government. Two extra copies are enclosed for the use of the Field Team.

If the proposed termination agreement meets with your approval present it to the Operator for execution. If any part of this agreement does not have either your approval or that of the Operator, and cannot be amended within your delegated authority, then the original and all copies are to be returned to this office, together with the proposed changes for consideration.

After execution of the termination agreement, the copies are to be distributed in the usual manner.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (HB)

Approved:

/s/ F. J. Curreyat (HB)
Member, Bureau of Mines

Thor H. Kiilsgaard (HB)
Member, Geological Survey

Enclosures 6

LGHouk:rsi 9/2/58
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

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

August 20, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 25 1958

DATE	INITIALS	CODE
8/25	C	220
25	Cou	100
"	[illegible]	110
8/26	[illegible]	800
8/27	[illegible]	600

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: DMEA-4828, Idm-E1150 (mica) Lee Medford, Spruce Pine, N.C.
Mathis Prospect, Upson County, Georgia

Attached are the original and two copies of the latest interim report on the subject contract.

Work has been suspended on recommendation of the Field Examiners pending approval of a request for termination. The Operator is in agreement.

We agree with the Field Examiners' conclusions and recommend termination of the contract effective August 18, 1958. Certification will not be recommended.

Copy of Operator's request attached.

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

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

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 25 1958
DATE | INITIALS | CODE

DMEA EXPLORATION PROJECT
INTERM REPORT

DMEA-4828, Idm-E1150(mica) MATHIS PROSPECT

Operator: Lee Medford, Spruce Pine, North Carolina

Location: 4.6 airline miles S71°E from the intersection of Highway 19 and Georgia routes 3, 36, and 77 in the center of Thomaston, Ga. Located 250 ft. SE of the Truine Mill road, near the south bank of Swift Creek, Upson County, Ga.

A drift driven 16 feet N60°E from the shaft exposes a continuous quartz core 1 to 2 feet thick but in the face the pegmatite is pinching northeast and downward.

Two feet below the back, the pegmatite narrows abruptly from 6 feet to 14 inches and the quartz core from more than 1 foot to 5 inches or less. The indicated plunge is down toward the shaft in this drift as it is in the southwest drift. About 150 pounds of poor quality mica was recovered from the northeast drift.

In spite of favorable mineralogy and persistent quartz core, no mica concentrations have been found. The synclinal plunge structure centering on the shaft make a significant discovery unlikely.

Termination by mutual consent is recommended. A statement of work done to date follows:

Bulldozing----------	700 cu. yds.
Hand trenching----------	80 cu. ft.
Shaft----------	50 feet
Drift----------	31 feet
Toolhouse constructed	
Powder magazine constructed	
Cap magazine constructed	

Inspected: August 15, 1958

S. A. Feitler, Mining Engineer
Bureau of Mines (DMEA)

F. G. Lesure, Geologist
Geological Survey

z

Spruce Pine, N. C.
August 17, 1958

OFFICIAL FILE COPY

U. S. Dept. of the Interior
D. M. E. H.
Knoxville, Tenn.

Gentlemen:

I would like to request termination of contract # 1150 by mutual consent as the work done indicates no mica concentration in the shaft and none along the pegmatite to the east and west from the bottom shaft.

Sincerely,
H. Lee Medford

RECEIVED
AUG 20 1958
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

Spruce Pine, N. C.
August 17, 1958

EXTRA COPY
DMEA
RECEIVED AUG 25 1958
NAME | INITIALS | CODE

U. S. Dept. of the Interior
D. M. E. A.
Knoxville, Tenn.

Gentlemen:

I would like to request termination of contract # 1150 by mutual consent as the work done indicates no mica concentration in the shaft and none along the pegmatite to the east and west from the bottom shaft.

Sincerely,
H. Lee Medford

RECEIVED
AUG 20 1958
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

REGION V

ELECTROTECHNICAL
EXPERIMENT STATION

P. O. BOX 217
NORRIS, TENNESSEE

August 4, 1958

Memorandum

To: Jay L. Chambers, Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Personal Assistant, Norris, Tennessee

Subject: Monthly reports and vouchers

We are enclosing two copies each of the following monthly reports and vouchers:

Idm-E1150 — H. Lee Medford
Docket No. DMEA-4828
4th payment - month of July
Amount $382.50

Idm-E1195 — H. Lee Medford
Docket No. DMEA-4936
2nd payment - month of July
Amount $510.00

Helen R. Miller

Helen R. Miller

Attachments
/hbm
Copies to R. A. Laurence
V. J. Lynch
Norris files
Day files

2-104 + 104 cs

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 6 1958

DATE	INITIALS	CODE
8-6	C	220
"	[illegible]	110
"	[illegible]	600

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-

6

RECEIVED AUG 6 1958 D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1958 Docket No. DMEA 4828 Contract No. 1150
Operator's Name H. Lee Medford Minerals Mica
Address Altapass, N.C.
Contract Amount, $ 6680.00 Government Participation: 75 % Amount, $ 5010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Shafting		2250.00	2250.00		2250.00	2250.00
Bulldozing		210.00	210.00		210.00	210.00
Crosscutting						
Drifting	510.00	—	510.00	510.00	—	510.00
Hand Trenching		12.00	12.00		12.00	12.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		116.00	116.00		116.00	116.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Contingencies (specify):						
TOTALS	510.00	2588.00	3098.00	510.00	2588.00	3098.00

that the above bill is correct and just and that payment therefor has not ed.

31-58 *Payee H. Lee Medford

Vivian Harris Title Secy

r is signed or receipted in the name of a company or corporation, the name of the person writing rporate name, as well as the capacity in which he signs, must appear. For example: "John John Smith, Secretary," or "Treasurer," as the case may be.

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 382.50

Signature Helen R. Miller
(Authorized Certifying Officer)

Date AUG 4 1958 Vou. No. 4

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1150 in accordance with the terms of the contract.

Signature S. Feitler Title MINING ENGINEER Date AUG 1 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title U. S. BUREAU OF MINES EXECUTIVE OFFICER DMEA FIELD TEAM REGION V Date AUG 1 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED AUG 8 1958 D.M.E.A.

Month of July 1958 Docket No. DMEA 4828 Contract No. 1150
Operator's Name H. Lee Medford Minerals Mica
Address Altapass, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft	510.00	15	510.00	15	34.00	120	$34.00
Crosscutting								
Raising								
Shafts	ft.			2250.00	50	45.00	50	45.00
Winzes								
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Bulldozing	cu.yd.			210.00	700	0.30	700	0.30
Hand Trenching	cu.ft.			12.00	80	0.15	160	0.15
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				116.00				
TOTAL COSTS				3098.00				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 7-31-58 Operator H. Lee Medford
Per Lillian Harris Title Secy

REMARKS:

NOTE.—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.

(Instructions on reverse)

(For Government use only)

S Feitler
MINING ENGINEER
U. S. BUREAU OF MINES

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Month of July, 1958

DMEA 4828
Idm-E 1150
Date Work began - 11-27-57

July 7. Continued to drift. Mica is beginning to cut out.

July 14 - Pegmatite cut down to practically Nothing. Mica completely cut out. We have been advised by field team to turn in opposite direction.

July 21 - 300 pounds of mica have been produced in entire operation and 15 ft. of drifting has been completed.

RECEIVED
AUG - 1 1958
U. S. Geological Survey
Geologic Mapping
Denver

ORIGINAL FILE COPY
DMEA
RECEIVED AUG 1 1958

DATE	INITIALS	COST
8-1	C	220
1	Com	100
"	[illegible]	110
8/4	[illegible]	800
[illegible]	[illegible]	600

DMEA Exploration Project

Interim Report

DMEA-4828, Idm-E1150 (mica) MATHIS PROSPECT

Operator: Lee Medford, Spruce Pine, North Carolina

Location: 4.6 airline miles S71°E from the intersection of Highway 19 and Georgia routes 3, 36, and 77 in the center of Thomaston, Ga. Located 250 ft. SE of Triune Mill road, near the south bank of Swift Creek, Upson County, Georgia.

The shaft has been sunk 6 feet and a drift driven 15 feet S48°W from a point about 6 feet above the bottom of the 50-foot shaft.

The pegmatite is 3 to 5 feet wide, medium-to coarse-grained and hard. Plunge is to the northeast and the southwest drift rises. The footwall is N70°E 60°NW and the hanging wall is irregular but strikes approximately N55°E vertical.

In the northeast end of the shaft the pegmatite is about 5 feet thick with a two-foot quartz core, a one-foot hanging wall intermediate sulfide bearing perthite zone, and a one-foot plagioclase, muscovite zone on each wall.

The Operator will drift northeast from the shaft.

A description of the finished shaft follows:

8 ft. vertical from original ground level.
17 " minus 55° N25°W
25 " vertical -- not lagged.

The sill of the drift is about 6 feet above bottom

Inspected: July 25, 1958

S. A. Feitler, Mining Engineer
Bureau of Mines (DMEA)

F. G. Lesure, Geologist
Geological Survey (DMEA)

OFFICIAL FILE COPY
DMEA

7/14	C	220
14	Com	100
7/15		110
7/17	Hank	800
		600

DMEA EXPLORATION PROJECT

INTERIM REPORT

DMEA-4828, Idm-E1150 (mica) MATHIS PROSPECT
Upson County, North Carolina

Operator: Lee Medford, Altapass (Spruce Pine) North Carolina

Location: 4.6 airline miles S71°E from the intersection of Highway 19 and Georgia Routes 3, 36, and 77 in the center of Thomaston, Georgia. Located 250 ft. SE of Triune Mill road, near the south bank of Swift Creek, Upson County, Georgia.

No one was at the property at the time of the inspection. The bottom of the shaft was inaccessible because of water.

Inspected: July 3, 1958

S. A. Feitler, Mining Engineer
Bureau of Mines (DMEA)

D. H. Amos, Geologist
Geological Survey (DMEA)

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Form MF-104 (Rev.)
(April 1952)

RECEIVED
JUL 14 1958
D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 2

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1958 Docket No. DMEA 4828 Contract No. 4150
Operator's Name H. Lee Medford Minerals mica
Address Altapass, N.C.
Contract Amount, $6680.00 Government Participation: 75 % Amount, $5010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
~~Drilling~~ shafting	585.00	1665.00	2250.00	585.00	1,665.00	2,250.00
Bulldozing					210.00	210.00
Crosscutting						
Drifting						
Hand Trenching					12.00	12.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.					116.00	116.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	585.00	1665.00	2250.00	585.00	2,003.00	2588.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 7-7-58 *Payee H. Lee Medford

Per Lenora Hansen Title Secretary

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$438.75

Signature Helen R. Miller
(Authorized Certifying Officer)

Date JUL 11 1958 Vou. No.
(See other side)

146.25

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1150 in accordance with the terms of the contract.

Signature S Feitler Title MINING ENGINEER U. S. BUREAU OF MINES Date JUL 10 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA FIELD TEAM REGION V Date JUL 10 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1958 Docket No. DMEA 4828 Contract No. 1150
Operator's Name H. Lee Medford Minerals Mica
Address Hoopeston, Ill.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising	ft	585.00	13	2350.00	50	$45.	50	$85.
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		585.00	13	2350.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 7-7-58 Operator H. Lee Medford
Per Thomas Harris Title Agt

NOTE.—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.

(Instructions on reverse)

Remarks:

(For Government use only)

S A Feitler
MINING ENGINEER
U. S. BUREAU OF MINES

Operator has not included Bulldozing, hand trenching, and new buildings, previously reported in the above distribution.

W M Beck

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Month of June, 1958

DMEA No. 4828
Idm-E. No. 1150
Date work began - Nov. 27, 1957

Work Accomplished:

June 1-16

13 feet of shafting completed. 50 feet of shafting has been completed and we are now ready to begin drifting.

H. Lee Medford

RECEIVED
JUL 10 1958
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

6/27	KVB	220
27	Com	100
"	Fg	110
6/30	[illegible]	800
		600

DMEA EXPLORATION PROJECT

INTERIM REPORT

DMEA-4828, Idm-E1150 (mica) MATHIS PROSPECT
Upson County, Georgia

Operator: Lee Medford, Spruce Pine, North Carolina

Location: 4.6 airline miles S71°E from the intersection of Highway 19 and Georgia Routes 3,36, and 77 in the center of Thomaston, Georgia. Located 250 ft. SE of Triune Mill road, near the south bank of Swift Creek, Upson County, Georgia.

The shaft was full of water and two pumps were being repaired at the time of this inspection.

The Operator reports a 7-foot advance in the shaft to a total depth of 44 feet. The footwall is reported to have flattened leaving 4 feet of pegmatite in the bottom of the shaft. In the last 7 feet there has been no quartz core and only about 50 pounds of medicore mine-run muscovite.

It was recommended that a hole be drilled into the footwall, the shaft deepened to 50 feet or the bottom of the pegmatite,and a drift started to the south along the pegmatite

Inspected: June 19,1958

S. A. Feitler, Mining Engineer
Bureau of Mines (DMEA)

F. G. Lesure, Geologist
Geological Survey - DMEA

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION V

ELECTROTECHNICAL
EXPERIMENT STATION

P. O. BOX 217
NORRIS, TENNESSEE

June 13, 1958

Memorandum

To: Jay L. Chambers, Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Personal Assistant, Norris, Tennessee

Subject: Monthly report and voucher

We are enclosing two copies of the following monthly report and Voucher:

Idm-E1150 H. Lee Medford
Docket No. DMEA-4828
2nd payment - month of May
Amount $405.00

Helen Miller
Helen R. Miller

Attachments
/hbm
Copies to R. A. Laurence
V. J. Lynch
Norris files
Day files

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 16 1958

DATE	INITIALS	CODE
6/16	C	220
"	JEL	110
6/18	[illegible]	600

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED JUN 16 1958 PAID ON VOUCHER & SCHEDULE ... MENTS K-

Month of May, 1958 Docket No. DMEA 4828 Contract No. 1150
Operator's Name H. Lee Medford Minerals Mica
Address Altapass, N.C.
Contract Amount, $ 6680.00 Government Participation: 75 % Amount, $ 5010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
~~Drilling~~ Shafting	540.00	1125.00	1665.00	540.00	1125.00	1665.00
Bulldozing					210.00	210.00
Crosscutting						
Drifting						
Hand Trenching					12.00	12.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.					116.00	116.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	540.00	1125.00	1665.00	540.00	1463.00	2003.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 6-8-58 *Payee H. Lee Medford
Per Lucian M. Harris Title Sec'y

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 405.00

Signature Helen R Mellin
(Authorized Certifying Officer)

Date JUN 13 1958 Vou. No. 180
(See other side)

2

135.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1150 in accordance with the terms of the contract.

Signature S. Feitler Title MINING ENGINEER U. S. BUREAU OF MINES Date JUN 12 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature V. J. Lynch Title ACTING EXECUTIVE OFFICER DMEA - REGION V Date JUN 12 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED JUN 16 1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1958 Docket No. DMEA 4828 Contract No. 1150
Operator's Name H. Lee Medford Minerals Mica
Address Altapass, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	ft.	540.00	12	1665.00	37	$45.		
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		540.00	12	1665.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 6-8-58 Operator H. Lee Medford
Per Lewis M. Harris Title Secy

NOTE.—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.

(Instructions on reverse)

REMARKS:

(For Government use only)

S Feitler

MINING ENGINEER
U. S. BUREAU OF MINES

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

May, 1958

DMEA No. 4828
Idm. E 1150
Date work begun – Nov. 27, 1957

Work Accomplished:

Hired T. S. McKinney and William Medford.
12 ft. of shafting was completed.
Mined about 500 lbs. mica.

N. Lee Medford

RECEIVED
JUN 12 1958

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

6/11 C 220
6/11 Hark 600

June 9, 1958

Memorandum

To: Finance Officer, Region V (DMEA) Norris

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

Subject: Royalty Payment - Idm-E1150, DMEA-4828-mica.
H. Lee Medford, Spruce Pine, N. C.
Mathis Prospect, Upson County, Georgia

Attached are final settlement sheets in the amount of $1,382.98, and a check for 5% royalty on the sales for $69.15 to be credited to the subject contract.

Robert A. Laurence

sm
cc
Lynch
Mittendorf
Files

Enc.
ck. no. 14-
dated May 28, 1958
$69.15

FORM APPROVED BY COMP. GEN. U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT - PROGRAM B - MICA PURCHASE

(MICA REGULATION 7, REVISION 3, AMENDMENT 2, FURTHER AMENDED BY 4 AND 8)

MICA PURCHASE DEPOT - [redacted]

DATE PURCHASED: [redacted]

ACCEPTANCE NUMBER: [redacted]

W.A.I. NUMBER: [redacted]

LOT NUMBER: [redacted]

VOUCHER NUMBER:

SCHEDULE NUMBER:

TYPE OF MICA: [X] RUBY [ ] NONRUBY

POUNDS PURCHASED: [redacted]

INITIAL PAYMENT: $ [redacted]

STATEMENT OF ACTUAL YIELD

QUALITY	POUNDS	PROGRAM A - VALUE STAINED MICA (5)
1. GOOD STAINED AND BETTER	[redacted]	
2. STAINED	[redacted]	$ [redacted]
3. HEAVY STAINED	[redacted]	
4. TOTAL YIELD	[redacted]	

COSTS

6. RIFTING: [redacted] HOURS X $ [redacted] = $ [redacted]

7. TRIMMING: [redacted] HOURS X $ [redacted] = $ [redacted]

8. RIFTING AND TRIMMING (Per pound) [redacted]

TOTAL COSTS (Items 6 and 7) $ [redacted] ÷ TOTAL YIELD (Item 4) [redacted] = COST PER LB. $ [redacted]

COMPUTATION OF FINAL PAYMENT

9. POUNDS OF GOOD STAINED AND BETTER (Item 1) [redacted] X $ [redacted] PER LB. - NONRUBY X $ 37.037 PER LB. - RUBY = $ [redacted] 1106.67

10. POUNDS OF STAINED (Item 2) — NUMBER OF POUNDS [redacted]

11. POUNDS OF GOOD STAINED AND BETTER (Item 1) [redacted] X 1.5 = EQUIVALENT LBS. OF STAINED — NUMBER OF POUNDS [redacted]

12. DIFFERENCE (Item 10 minus 11) — NUMBER OF POUNDS -0-

13. PROGRAM A - VALUE OF STAINED (Item 5) $ [redacted] ÷ LBS. OF STAINED (Item 2) [redacted] (Per lb.) $ [redacted]

14. DUE SELLER ON STAINED (Item 12) X (Item 13) $ = $

15. TOTAL (Item 9 + Item 14) $ [redacted]

16. COST OF RIFTING AND TRIMMING (Item 12 x Item 8) $

17. GROSS AMOUNT DUE SELLER (Item 15 - Item 16) $ [redacted] 1106.67

18. MAXIMUM ALLOWABLE ([redacted] lbs. X 30¢) $ [redacted] 750.00

19. INITIAL PAYMENT $ [redacted]

20. DUE [X] SELLER [redacted] [ ] GOVERNMENT $ [redacted]

NAME AND LOCATION OF MINE

[redacted], Upson Co., N. C.

SELLER'S NAME AND ADDRESS (Type or print)

[redacted] Mining Co.
Alcapulco, N. C.

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 11 1958
DATE | MODEL | CODE

APPROVED

DEPOT SUPERINTENDENT

DATE [redacted]

GSA WASH D C 58-3177

GSA FORM 1013b

APPROVED BY GEN. U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT - MICA PURCHASE

MICA PURCHASE DEPOT - Spruce Pine, N. C.

PROGRAM	DATE PURCHASED
[X] A [ ] B	1-6-58
	ACCEPTANCE NUMBER: AB3-616 (A)

CERTIFICATE AUTHORIZATION NUMBER	LOT NUMBER	VOUCHER NUMBER	SCHEDULE NUMBER
[illegible]-4-1877 A	5PAB-658 (w)		

EVALUATION DATA

RUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$
GRADES NO. 4 AND 5				4.05	40.00	162.00
GRADES NO. 5½ AND 6				22.05	17.70	390.99
STAINED						
GRADES NO. 3 AND LARGER		12.00			31.90	
GRADES NO. 4 AND 5		5.00		.67	15.25	10.22
GRADES NO. 5½ AND 6		3.00		6.03	7.55	45.53
HEAVY STAINED						
GRADES NO. 3 AND LARGER		8.00			14.80	
GRADES NO. 4 AND 5		4.00			5.85	
GRADES NO. 5½ AND 6		2.00		.47	4.00	1.88
TOTALS			$			$

NONRUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$
GRADES NO. 4 AND 5					40.00	
GRADES NO. 5½ AND 6					17.70	
STAINED						
GRADES NO. 3 AND LARGER		9.60			25.55	
GRADES NO. 4 AND 5		4.00			14.60	
GRADES NO. 5½ AND 6		2.40			5.55	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		6.40			11.45	
GRADES NO. 4 AND 5		3.20			5.45	
GRADES NO. 5½ AND 6		1.60			4.00	
TOTALS			$			$

TOTAL YIELD AND VALUE [X] RUBY [ ] NONRUBY (*Half trim plus full trim*)	25.55 LBS.	$ 632.98
ADJUSTED VALUE WHEN LESS THAN 18% GS & B (ABOVE VALUE $ _____ x _____ = $)		$ 632.98
FOR PROGRAM B, DEDUCT $4.00 PER POUND FOR RIFTING AND TRIMMING		
FINAL BASIS FOR PAYMENT		$ 632.98
LESS: INITIAL PAYMENT VOUCHER NUMBER SCHEDULE NUMBER		360.48
BALANCE DUE [X] SELLER [ ] GOVERNMENT		$ 272.50

NAME AND LOCATION OF MINE

Mitchell-Yancey County, Nc.
% GS & B 72.64

SELLER'S NAME AND ADDRESS (*Type or print*)

Southern Mining Co.
Alleghany, N. C.

OFFICIAL FILE COPY

DMEA
RECEIVED JUN 11 1958
DATE | [illegible] | CODE

PROCESSED FOR PAYMENT (LBS.)	25.55
PROCESSED - NO PAYMENT (LBS.) THINS	
BLACK (*Dots, Spots, Stained*)	
UNDERSIZED	
PROCESSING LOSS	.38
TOTAL POUNDS PURCHASED	25.93

APPROVED

DEPOT SUPERINTENDENT: J. M. Kinney

DATE: 5-22-58

GSA WASH D C 58-3177

GSA FORM 1013a SEPTEMBER 1957

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 29 1958

DATE	INITIALS	COST
5/29	C	220
6/3	Com	100
	Fg	110
6/4	Cw	800
4/5	Hrh	600

DMEA EXPLORATION PROJECT

INTERIM REPORT

DMEA-4828, Idm-E1150(mica) MATHIS PROSPECT

Operator: Lee Medford, Spruce Pine, North Carolina

Location: 4.6 airline miles S71°E from the intersection of Highway 19 and Georgia Routes 3, 36 and 77 in the center of Thomaston, Georgia. Located 250 feet SE of Triune Mill road, near the south bank of Swift Creek, Upson County, Georgia.

The shaft is 34 feet deep of which 10 feet is vertical and 24 feet inclined 50° N25°W.

The target pegmatite (south) has steepened to N65°W vertical and its hanging wall is exposed on the footwall of the shaft. The north pegmatite is not exposed in the shaft. Mr. Medford agreed to drill a 6-foot hole to the north to try to locate it.

The Operator will steepen the shaft to keep on the pegmatite.

Exposed pegmatite is coarse-grained and contains plagioclase, perthite, quartz, and muscovite up to 2-inches across.

Inspected: May 23, 1958

Stanley A. Feitler, Mining Engineer
Bureau of Mines (DMEA)

F. G. Lesure and S. C. Bergman, Geologists
Geological Survey (DMEA)

z

Form MF-104 (Rev.)
(April 1952)

RECEIVED MAY 8 1958 D.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Budget Bureau No. 42-R1036.5

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 55

Month of February 1958 Docket No. DMEA 4828 Contract No. 1150
Operator's Name H. Lee Medford Minerals Mica
Address Bypass 19, Spruce Pine, N.C.
Contract Amount, $ Government Participation: 75 % Amount, $ 5010.

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:						
~~Drilling~~ Shafts	$450.	$675.	$1125.	450.00	675.00	1125.00
Bulldozing					210.00	210.00
Crosscutting						
Drifting						
Hand Trenching					12.00	12.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.					116.00	116.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$450.	$675.	$1125	450.00	1013.00	1463.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 2-21-58 *Payee H. Lee Medford

Per Lucien M. Harris Title Secretary

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 337.50

Signature Helen R. Melin
(Authorized Certifying Officer)

Date MAY 6 1958 Vou. No. 166

(See other side)

112.50

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-1150 in accordance with the terms of the contract.

Signature S Fittler Title MINING ENGINEER U. S. BUREAU OF MINES Date MAY 1 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature V. J. Lynch Title ACTING EXECUTIVE OFFICER DMEA - REGION V Date MAY 1 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED MAY 8 1958 D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1958 Docket No. DMEA 4828 Contract No. 1150
Operator's Name H. Lee Medford Minerals Mica
Address Hillpass rd., R Spruce Pine, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	ft	$450.	10	$1125	25	$45.		
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$450.	10	$1125.				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 2-21-58 Operator H. Lee Medford

Per Lucian M. Harris Title Secretary

REMARKS:

NOTE.—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.

(Instructions on reverse)

(For Government use only)

S Feitler

MINING ENGINEER
U. S. BUREAU OF MINES

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

Month of February, 1958

DMEA No. 4828
Idm-E 1150
Date Work began - Nov. 27, 1957

Work Accomplished:

Feb. 1-7 10ft. of shafting Completed.

Feb. 10-21 Weather Conditions too bad for mining.

H. Lee Medford

Form MF-104 (Rev.)
(April 1952)

RECEIVED MAY 8 1958 D.M.E.A.

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 55

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January 1958 Docket No. DMEA 4828 Contract No. 1150

Operator's Name H. Lee Medford Minerals Mica

Address Altapass, N.C.

Contract Amount, $6680.00 Government Participation: 75 % Amount, $5010.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contracts: Short Form						
~~Drilling~~ Shafts	675.00	—	675.00			
Bulldozing	210.00	—	210.00			
Crosscutting						
Drifting						
Hand Trenching	12.00	—	12.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
*(6) New Bldgs., Improvements, etc.	116.00	—	116.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1013.00	—	1013.00	1013.00	-	1013.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 2-1-58 *Payee H. Lee Medford

Per Lucian B. Harris Title Secretary

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 759.75

Signature Helen R. Miller
(Authorized Certifying Officer)

Date MAY 6 1958 Vou. No. 166

(See other side)

*Tool House, Powder & Magazine Exploder Storage 25-3.25

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 1150 in accordance with the terms of the contract.

Signature S. Fuller Title MINING ENGINEER ~~U. S. BUREAU OF MINES~~ Date MAY 1 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE

Signature V. J. Lynch Title ACTING EXECUTIVE OFFICER DMEA FIELD TEAM ~~REGION V~~ Date MAY 1 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1958 Docket No. DMEA 4828 Contract No. 1150
Operator's Name H. Lee Medford Minerals Mica
Address Hayesville, N.C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	ft.	675.00	15	675.00	15	$45.	50 ft.	$45.
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching Bulldozing	cy	210.00	700	210.00	700	0.30	700 cy	0.30
Test Pits New Bldgs		116.00		116.00				
Roads and Trails								
Hand Trenching	cf	12.00	80	12.00	80	0.15	100 cf	0.15
Tool House, Powder & Exploder Magazine Stmo								
Total Distributed Costs		1013.00	795	1013.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 2-1-58 Operator H. Lee Medford

Per Lucian M. Harris Title Secretary

NOTE.—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.

(Instructions on reverse)

Remarks:

(For Government use only)

S Weiter

MINING ENGINEER
U. S. BUREAU OF MINES

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

DMEA # 4828
Idm-E 1150

Month of January, 1958

Date Work Began - Nov. 27, 1957

Work Accomplished:

Nov. 27-29	Set up Machinery and began Bulldozing. Constructed Powder and Exploder Magazine storage.
Dec. 2-13	No Work.
Dec 14-19	Hired Sam Stockton to operate Bulldozer. Hired Felton Traylor.
Dec. 20-30	No Work.
Jan. 1-10	Hired Asa White. Constructed Tool house.
Jan. 19-24	Repaired Hoist. Weather Conditions prevented very much work.

To date, 15 feet of shafting has been completed. 2500 lbs. of Mica has been sold in block form, and 35 lbs ~~in~~ trimmed Mica sold.

RECEIVED
FEB 14 1958
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

H. Lee Medford

HLM:vH

7

OFFICIAL FILE COPY

Date	Surname	Code
4/25	Anderson	600
4/28	Houk	600
4/28	GCS	130
"	Johnson	110
"	Hartenstein	100
		220
4/28	Tackett	300
4/28	C	220
		600

600

APR 28 1958

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

Re: Docket No. DMSA-4023-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia
Contract No. Icm-H1150

Dear Mr. Laurence:

Pursuant to the Field Team's request of March 31, 1958, the letters of Mr. John C. McDee and Mr. Owen J. Adams have been examined and they indicate that Mr. Lee Medford's right to possession of the subject property is no longer in question.

Therefore, it is permissible to authorize payment for work already done and advise the Operator that he may resume work.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GB)

Approved:

/s James Paone (GB)
Member, Bureau of Mines

Thor H. Kiilsgaard (GB)
Member, Geological Survey

WCAnderson:gad 4/25/58
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON 25, D. C.

APR 22 1958

Memorandum

To: Administrator, DMEA
Attention: Director, Division of Nonmetallic Minerals

From: Associate Solicitor, Division of Mineral Resources

Subject: Docket No. DMEA-4828-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia
Contract No. Idm-E1150

Pursuant to Mr. Houk's request we have examined the letters of March 31, 1958, and March 28, 1958, submitted by John C. McBee, Esq., and Owen J. Adams, Esq., respectively.

Mr. Adams states that his title search has now revealed that the claim to ownership of mineral rights in certain acreage in Upson County, Georgia, on behalf of his client, Mrs. Viola B. Laughridge, does not affect the Mathis Prospect.

Accordingly, in view of this retraction, Mr. Medford's right to possession is no longer in question and it would appear to be proper to continue making payments pursuant to the provisions of the Contract.

Robert P. Dwyer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ROOM 13 POST OFFICE BLDG
KNOXVILLE 2, TENN.

March 31, 1958

Memorandum

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

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

Subject: Docket No. DMEA-4828, Contract No. Idm-E1150 (Mica)
Lee Medford, Altapass, North Carolina
Mathis prospect, Upson County, Georgia

Enclosed are the original and one copy (each) of a letter from Mr. John C. McBee and Mr. Owen J. Adams, relating to the validity of Mr. Medford's interest in the Mathis property. It appears that Mr. Adams' letter removes the cloud from the title.

Please advise if it is now permissible to authorize payment for work already done and to advise the Operator that he may resume work.

Robert A. Laurence
Robert A. Laurence
Executive Officer

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

Enclosures 6

Operating Comm.

March 31, 1958

Mr. John C. McBee
Attorney at Law
Spruce Pine, North Carolina

Re: Docket No. DMEA-4828 (Mica)
Lee Medford
Mathis prospect
Upson County, Georgia
Contract No. Idm-E1150

Dear Mr. McBee:

Thank you for your letter of March 29, sending me Mr. Owen J. Adams' letter of March 28, relating to the ownership of the Mathis property.

I will, of course, have to have the approval of our Legal Division, before I can authorize any payments to Mr. Medford for work already done or to be done on the Mathis property. The letters have been forwarded to Washington, and as soon as I receive an opinion, I will notify you and Mr. Medford.

It is our hope, as well as Mr. Medford's, that work under the exploration project contract may soon be resumed. We regret the necessity for the long delay, but obviously we could not have done otherwise under the circumstances.

Very truly yours,

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

RAL/mg
cc - Operating Committee (2)
Mr. Lynch
File

OWEN J. ADAMS
ATTORNEY AT LAW
BARRON BUILDING
THOMASTON, GEORGIA

March 28, 1958

Mr. Lee Medford
Altapass, North Carolina

Dear Mr. Medford:

Pursuant to your request, I am giving you this report relative to the results of my examination of title to certain lands referred to in my letter dated November 20, 1957, and addressed to the Defense Minerals Exploration Administration, U. S. Department of Interior, Post Office Building, Knoxville, Tennessee.

I have now reached a point in my title search that allows me to state to you that the conveyance referred to in my said letter (conveyance in favor of J. E. Burleson Mica Company as recorded in Deed Book 37, pages 1 and 2, of the records of the Clerk of Superior Court, Upson County, Georgia), does not affect the property known as the "Bunyon M. Mathis" property, nor does it affect the land known as the "Barron" property, (owned by Dr. J. M. McKenzie Estate), the "Reynolds" property, "Mitchell's Creek" property, and the "Brown" property, in all of which properties Lee Medford claims the ownership either of the land and/or the mineral rights.

The said instrument does positively affect the thirty-four (34) acres belonging to the Mercers on which Mr. S. L. Phillips is attempting to obtain a loan; and, fifty (50) acres belonging to W. D. Ellington; and some eight (8) acres belonging to Mrs. Bertie Strickland; and, apparently three (3) acres belonging to Mrs. J. L. Savage, et. al.

I trust this meets the need for which you requested the report, and if I can serve you further, please let me know.

With kindest regards, I remain,

Very truly yours,

Owen J. Adams

Owen J. Adams

OJA:fa

JOHN C. McBEE
J. C. McBEE, JR.

McBEE & McBEE
ATTORNEYS AT LAW
SPRUCE PINE, N. C.

TELEPHONE
POPLAR 5-2591

RECEIVED APR 2 1958
DATE

March 29, 1958

Defense Minerals Exploration Administration
U. S. Department of Interior
Post Office Building
Knoxville, Tennessee

Re: Docket #DMEA-4828-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia
Contract No. Idm-E1150

Enclosed please find original of letter from Owen J. Adams, Attorney at Law, Barron Building, Thomaston, Georgia, addressed to Mr. Lee Medford of Altapass, N. C.

You will see from said letter that the Mathis Project above listed is not included with his blanket claim to practically all of the mica in Central Georgia and that he is only laying claim to the Mercer and Ellington Projects in which Mr. Lee Medford has no interest whatsoever and has not had any interest.

We trust that this will dispell any doubts which your Governmental Organization may have as to the ownership of Bunyon Mathis and his wife and that your authority at its earliest convenience will give Mr. Medford the go ahead signal at the Mathis mine.

Mr. Medford informs me that he is really in a press to resume operations at the Mathis mine, as he has expended really more money than he could afford to up to this date and he is anxious to proceed, but cannot do so without assistance from the Government.

Very Truly yours,

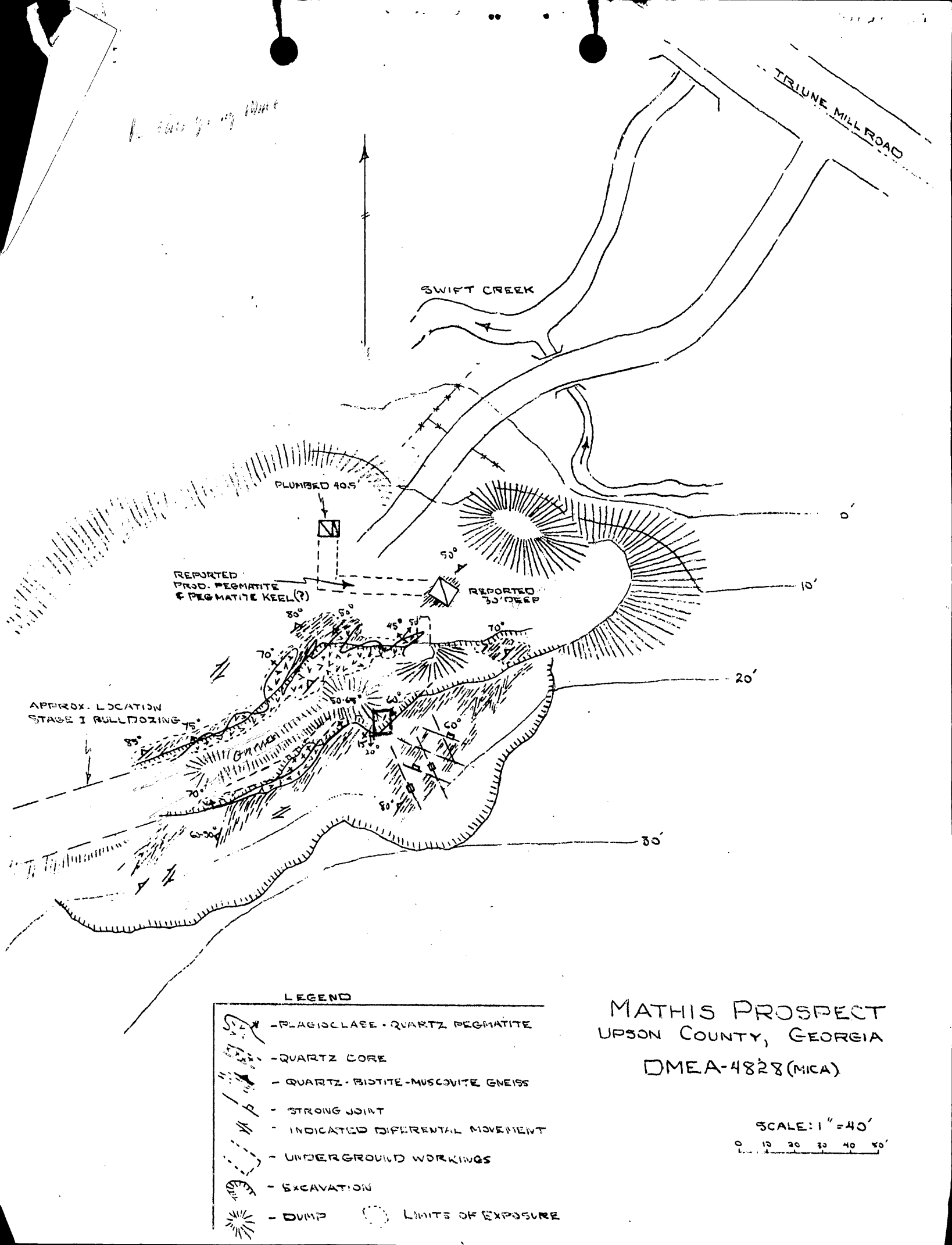
McBEE & McBEE ATTORNEYS

by John C. McBee Jr.
Attorney for Lee Medford

JCM:mh

Enclosure

RECEIVED
MAR 31 1958
U. S. Geological Survey
Contract Division
Knoxville, Tenn.



MATHIS PROSPECT
UPSON COUNTY, GEORGIA

DMEA-4828 (MICA)

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 11 1957

DATE	INITIALS	CODE

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6)

OFFICIAL FILE COPY

Date	Surname	Code
2/21	Houk	600
2/21	[illegible]	130
"	Johnson	110
"	Matthewson	100
2/24	C	220
		600

600

FEB 24 1958

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

Re: Docket No. DMEA-4828-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia
Contract No. Idm-E1150

Dear Mr. Laurence:

We have been unable to follow the work progress accurately from the interim reports.

May we have a map showing the work completed to date, including the trenching, and a geological section thru the DMEA shaft and the 40 foot shaft?

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (HB)

Approved:
Frank D. Lamb (HB)
Member, Bureau of Mines

Thor H. Kiilsgaard (HB)
Member, Geological Survey

LGHouk:rsi 2/21/58
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

See map
rec'd
10-5-58

8623

DMEA
RECEIVED FEB 13 1958

DATE		CODE
2/13	C	220
2/13	Com	100
		110
2/13		800
2/14		600

INTERIM REPORT

DMEA-4828, Idm-E1150 (mica) MATHIS PROSPECT

Operator: Lee Medford, Spruce Pine, North Carolina

Location: 4.6 airline miles S71°E from the intersection of Highway 19 and Georgia routes 3, 36, 77 in the center of Thomaston, Upson County, Georgia. located 250 ft SE of Triune Mill Road, near the south bank of Swift Creek.

The shaft is 25 ft deep, of which 5 ft is vertical and 20 ft is -45°.

The pegmatite strikes N80°E and dips 35°NW. In the hanging wall a pegmatite lense strikes N50°E is vertical on the footwall and N25°E85°NW on the hanging wall. The northwest pegmatite is not exposed in the shaft and may have bottomed or the separating schist may be thicker.

The shaft previously plumbed to 40.5 ft was pumped out and measures 40 ft vertical to the mud. From the shaft bottom, a crosscut extends 23 ft S 15°E to pegmatite with no discernable attitude. Partly caved drift extends approximately N85°E 15 feet. The rock is highly weathered feldspar mica schist.

Shaft sinking will be continued.

Inspected: Feb. 7, 1958

Stanley A. Feitler, Mining Engineer
Bureau of Mines

F. G. Lesure, Geologist
Geological Survey

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Form 7
(-56)

OFFICIAL FILE COPY

Date	Surname	Code
	Long	140
	Sawyer	140
2/13	Anderson	600
2/13	Hunt	600
"	Johnson	110
"	Martenday	100
2/14	C	220
		600

FEB 13 1958

Mr. Lee Medford
Spruce Pine, North Carolina

Re: Docket No. DMEA-4828-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia
Contract No. Idm-E1150

Dear Mr. Medford:

In response to Mr. Robert A. Laurence's letter of December 6, 1957, to you, regarding the ownership of the mineral rights in the subject property, we are in receipt of a letter dated December 10, 1957, wherein Mr. Robert M. Bethel, Clerk of the Superior Court of Upson County, Georgia, lists the conveyances, recorded in his office, of the subject property from May 19, 1938, to date.

Unfortunately, for the reasons hereinafter set forth, this does not clear up the claim to ownership of the mineral rights made by Owen J. Adams on behalf of his client, Mrs. Viola B. Laughridge. This claim is based on a purported conveyance dated February 1, 1919, in favor of the J. E. Burleson Mica Company, recorded in the Office of the Clerk of the Superior Court, Upson County, Georgia, in Deed Book 37, pages 1 and 2, and having passed by will to Mrs. Viola B. Laughridge. Accordingly, the search of the records would have to begin with the date of the above referred to conveyance.

Furthermore, in the list of conveyances furnished by Mr. Bethel there is a gap or break in the chain between the deed dated November 17, 1945, from Louie Boyt to Luther Garrett Hammock and the deed dated March 25, 1946, from Robert E. Day and M. E. Day to William E. Garrett, Jr., and Mrs. Mattie Blanche Garrett. The chain of title should show how title left Hammock and how it vested in the Days.

8623

Also, Mr. Bethel's letter does not indicate whether these conveyances include both mineral and surface rights or whether they conveyed only the surface rights.

We will be unable to continue making payments on this exploration project until the above mentioned deficiencies are explained and we are satisfied that you have good and sufficient interest in the property.

Sincerely yours,

C. O. Mittendorf

Administrator

2r C Anderson/RWLong:md
2/11/58

CC: DMEA Docket
Admin. reading file
Operating Com.
T. H. Kiilsgaard, USGS
Laurence G. Houk
W. F. Dietrick
R. P. Dwyer
H. C. Rubin
Field Team, Region V
Chron
Pending

February 10, 1958

Mr. Houk telephoned Mr. R. A. Laurence, Region V, Knoxville, Tenn.

Re: Docket No. DMEA-4828-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia
Contract No. Idm-E1150

Mr. Houk told Mr. Laurence that no reimbursements are to be made until the property rights of the Operator are resolved to the satisfaction of our Legal Division.

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

DMEA
RECEIVED FEB 6 1958

DATE	INITIALS	CODE
2-6	C	220
2/6	Hook	600

February 4, 1958

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: DMEA-4828, Idm-E1150-mica. Lee Medford, Spruce Pine, N.C. Mathis Prospect, Upson County, Georgia

As noted in interim reports of December 4 and 16, 1957 and January 10 and 24, 1958, work has been conducted on this project in accordance with the contract, and with the approval of the Field Team. Approval to begin Stage II was given on December 6, 1957. However, the Operator was told (orally, on November 26 and by letter on December 6) that all payment by the Government would be suspended until the matter of land ownership was cleared up. Therefore, the Operator did not submit a December voucher.

On December 17, we sent you a letter from the Clerk of the Superior Court of Upson County, Georgia which apparently affirms Mr. Medford's "sufficient interest" in the property.

On February 3 we received a progress report and voucher from the Operator, for December and January, which we are holding. Please advise us if the status is now clarified so that the voucher may be approved for payment or, if it is not, what additional steps the Operator should take.

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

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

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 31 1958

DATE	INITIALS	CODE
1/31	C	220
1/31	Corr	100
2/3	Hook	600

INTERIM REPORT

DMEA-4828, Idm-E1150 (mica) MATHIS PROSPECT

Operator: Lee Medford, Spruce Pine, North Carolina

Location: 4.6 airline miles S71°E from the intersection of Highway 19 and Georgia routes 3, 36, 77 in the center of Thomaston, Upson County, Georgia. Located 250 ft SE of Triune Mill Road, near the south bank of Swift Creek.

Heavy rain all the previous night created a semi-flood condition at the mine at the time of inspection. The inspection was delayed two hours while water was pumped out of the shaft.

The shaft is 15 ft deep with vertical south wall and cribbed to 7 ft from the bottom. The north wall is cut 3 ft outside the vertical wall of the shaft below the timber exposing the hanging wall and the schist between the south and north pegmatites. Biotite and scrap muscovite occur near the hanging wall. The pegmatite exposed in the shaft is composed of plagioclase and microcline with little quartz and no mica of strategic size. Schist horses are exposed in the south and west walls.

The Operator was advised to incline the shaft to the northwest with the footwall of the shaft about 4 ft above the present bottom at the north side. This should cut through the intervening schist into the footwall of the north pegmatite. The shaft should then be sunk astride the schist exposing the hanging wall of the south and the footwall of the north pegmatites.

Inspected: January 24, 1958

S. A. Feitler, Mining Engineer
Bureau of Mines

F. G. Lesure, Geologist
Geological Survey

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OFFICE OF THE DIRECTOR
DMEA
RECEIVED JAN 20 1958

DATE	INITIALS	CODE
1/20	gb	220
20	Clerk	100
21	Frank	

INTERIM REPORT

DMEA-4828, Idm-E1150 (mica) MATHIS PROSPECT

Operator: Lee Medford, Spruce Pine, North Carolina

Location: 4.6 airline miles S71°E from the intersection of Highway 19 and Georgia routes 3, 36, 77 in the center of Thomaston, Upson County, Georgia. Located 250 ft SE of Triune Mill Road, near the south bank of Swift Creek.

The shaft has been sunk 10 ft vertically on the southeast pegmatite. No quartz core was encountered and only a few books of mica up to 1 x 3 inches were recovered.

Operator reports that in preparing to sink, some good mica was found on the footwall of the northwest pegmatite which is separated from the southeast pegmatite by about 18-inches of gneiss.

It was recommended that the shaft be flattened to try to cut across the gneiss and thus explore the hanging wall of one pegmatite and the footwall of the other. This will be effective if the dividing gneiss does not thicken. The southeast pegmatite is to continue to be the prime target.

A toolhouse is under construction construction. The walls have been built, but the roof and door are not yet up.

The compressor engine was under repair at the time of the inspection.

Inspected; January 1958

S. A. Feitler, Mining Engineer
Bureau of Mines

F. G. Lesure, Geologist
Geological Survey

~~Xxxxxxxxxxx, Mining Engrxx~~

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INTERIM REPORT

DMEA-4828, Idm-E1150, (mica) MATHIS PROSPECT

Operator: Lee Medford, Spruce Pine, North Carolina

Location: 4.6 airline miles S71°E from the intersection of U. S. Highway 19 and Georgia routes 3, 36, 77 in the center of Thomaston, Upson County, Georgia. Located 250 ft southwest of Triune Mill Road, near the south bank of Swift Creek.

No one was at the Prospect when visited. The shaft had not been started, but the rich mica shoot to the northeast (see interim report 12/4/57) has been followed down about six feet.

A straight leg and boom pole are on the ground as well as a pump, compressor, hoist, and two magazines.

In the previous interim report, dated Dec. 4, 1957, two paragraphs were telescoped into the fourth paragraph. The correct text follows:

The hangingwall zone described in the examination report is a good description of the northwest pegmatite. It contains no visible muscovite of strategic quality where 10 to 12 feet thick, but near its southwest end where it is 12 inches or less thick, books of mediocre muscovite up to 4 x 6 x 2 inches thick were dug from the trench bottom.

The southeast pegmatite contains a quartz core and is 10 to 15 feet thick next to the thick part of the northwest pegmatite. Flat mica was seen on the hangingwall of the southeast pegmatite and books up to 6 x 8 x 2 inches thick were being dug from it to the northeast where it is 12 inches thick. The Operator reports trimming $70 mica from some of the "A" books occurring along the quartz core.

Inspected: Dec. 16, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED DEC 20 1957

DATE	NOTES	CODE
12/20	gb	220
20	Cam	100

Stanley A. Feitler, Mining Engineer
Bureau of Mines

S. C. Bergman, Geologist
Geological Survey

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

OFFICIAL FILE COPY
DMEA
RECEIVED DEC 20 1957

DATE	INITIALS	CODE
12/20	C	220
12/20	Hock	600

December 17, 1957

Memorandum

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

From: Acting Executive Officer, DMEA Field Team, Region V

Subject: Letters concerning DMEA-4828, DMEA-4803 and DMEA-4534

There are enclosed letters pertaining to the record of titles of the following properties:

1. The Mathis property, Upson County, Georgia, on which Lee Medford has DMEA contract No. E1150, Docket No. DMEA-4828.

2. The Medford property, Upson County, Georgia, on which Howard Boone filed an application which has Docket No. DMEA-4803.

3. The Taylor Prospect, Hart County, Georgia, Contract No. Idm-E1106, Docket No. DMEA-4534.

We received only the original of each letter which we are forwarding without copies as our facilities for making copies are limited.

V. J. Lynch

Enclosures 3

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

EXTRA COPY
DMEA
RECEIVED DEC 20 1957

DATE	INITIALS	CODE

December 17, 1957

Memorandum

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

From: Acting Executive Officer, DMEA Field Team, Region V

Subject: Letters concerning DMEA-4828, DMEA-4803 and DMEA-4534

There are enclosed letters pertaining to the record of titles of the following properties:

1. The Mathis property, Upson County, Georgia, on which Lee Medford has DMEA contract No. E1150, Docket No. DMEA-4828.

2. The Medford property, Upson County, Georgia, on which Howard Moore filed an application which has Docket No. DMEA-4803.

3. The Taylor Prospect, Gart County, Georgia, Contract No. Idm-E1106, Docket No. DMEA-4534.

We received only the original of each letter which we are forwarding without copies as our facilities for making copies are limited.

V. J. Lynch

Enclosures 3
VJL/mg
cc - Lynch
Laurence
Operating Committee (6)

OFFICIAL FILE COPY
DMEA
RECEIVED DEC 20 1957

DATE	INITIALS	CODE
12/20	Hook	600

Thomaston, Ga.
Dec. 10, 1957

United States Department of the Interior
Defense Minerals Exploration Administration
Room 13 Post Office Bldg.
Knoxville 2, Tenn.

Re: Docket No. DMEA-4828
(Mica)
Mathis Prospect
Upson County, Georgia

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

Dear Sir:

Pursuant to your communication of December 6, 1957, directed to Mr. Lee Medford c/o Florence Hotel, Thomaston, Georgia, concerning the above captioned matter. I, as Clerk of the Superior Court of Upson County, Georgia and by reason of my office recorder of titles in Upson County, Georgia, hereby tender to you the following information concerning the above captioned matter.

There is on record in my office a deed from Thomas H. Cason to Bunyon M. Mathis, Sr. and Lillie Baughcum Mathis, recorded in Book of Deeds #120, Page 169, conveying 50 acres on March 25, 1950 on which I am informed the project named in your communication is situated.

I further find of record in my office deed from William E. Garrett, Jr. and Mattie Blanche Garrett to Thomas H. Cason dated 3-18-1948 recorded in Deed Book #120, Page 168, conveying 50 acres offland in lots 84 and 87 in the 10th District of Upson County.

I also find of record in my office deed dated March 25, 1946, from Robert E. Day and M. E. Day to William E. Garrett, Jr. and Mrs. Mattie Blanche Garrett, which deed is of record in my office in Deed Book 107, Page 13, conveying 50 acres off land Lots 84 and 87 in the 10th District of Upson County, Georgia, followed by description.

I also find of record in my office deed dated May 19, 1938 from Mrs. Ida Jane Corley to Mrs. Etta Bodiford conveying 100 acres of land off Land Lots 84 and 87 in the 10th District Upson County, Georgia, which deed is recorded in Deed Book #77, Page 423.

I also find of record in my office deed dated March 13, 1943, from Mrs. Etta Bodiford to Louie Boyt conveying to him 50 adres of land off lots 84 and 87 in the 10th District, said deed being of record in Book of Deeds #93, Page 620.

I also find of record in my office deed dated November 17, 1945, from Louie Boyt to Luther Garrett Hammock conveying to him 50 acres off of Lots 84 and 87 in the 10th District of Upson County, Georgia, said deed being of record in Deed Book #103, Page 405 and it is my information that Mr. and Mrs. Mathis have lived on the above land under cover of title since March, 1950, and they still live on said land and have been in the open, peaceable, notorious and adverse possession of the same during this period and I have never heard of anyone asserting any claim on said land or the minerals on said land.

Respectfully submitted,

Robert M. Bethel

Robert M. Bethel, Clerk
of the Superior Court of
Upson County, Georgia and
Recorder Ex Officio for
said county.

RECEIVED
DEC 16 1957

OFFICIAL FILE COPY
DMEA
RECEIVED DEC 11 1957

DATE	INITIALS	CODE
12/11	gb	220
12	Clar	100
12/13	Hank	600

INTERIM REPORT

DMEA-4828, Idm-E1150, MATHIS PROSPECT

Operator: Lee Medford, Spruce Pine, North Carolina

Location: 4.6 airline miles S71°E from the intersection of U. S. Highway 19 and Georgia routes 3,36,77 ~~in the center~~ of Thomaston, Upson County, Georgia. Located 250 ft southwest of Triune Mill Road, near the south bank of Swift Creek.

Mr. V. J. Lynch, Mining Engineer, U. S. Bureau of Mines, accompanied the Examiners on this inspection. Mr. Medford, the Operator stated that the validity of his lease would be established by court action, if necessary. (On November 26,1957 Mr. Medford was advised by Mr. R. A. Laurence that the Government would disburse no money until the validity of the lease has been established, to the Government's satisfaction).

The project was started November 27, 1957. The bulldozer trench has been completed and contains approximately 830 cu. yds of which 130 su. yds is at the Operator's expense. The trench is approximately 140 x 20 x 8 feet deep. Hand trenches across the main trench at 30-foot intervals total 80 ft in length and are 2 ft wide by 1/2-ft deep or 80 cu. ft.

Stage I excavation exposes two sinuous, sub-parallel pegmatites striking northeast. These are separated by 2 feet or less of schist to the northeast and as much as 15 feet to the southwest. Each is exposed for at least 150 feet.

The hangingwall zone described in the examination report is a good description of the northwest pegmatite. It contains no visible muscovite of strategic quality where 10 to 12-feet thick, but near its southwest end where it is 12 inches or less thick, books of mediocre quality muscovite up to 4 x 6 x 2-inches thick were being dug from it to the northeast where it is 12-inches thick. The Operator reports trimming $70/mica from some of the "A" books occurring along the quartz core.

The agreed shaft site is on the hanging wall of the southeast pegmatite approximately in line with the north arrow of the map attached to the contract.

The Operator took about 200 lbs of muscovite from the target pegmatite, 20 ft east of the east shaft in the bottom of

DMEA
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December 6, 1957

Mr. Lee Medford
Florence Hotel
Thomaston, Georgia

Re: Docket No. DMEA-4828 (Mica)
Mathis Prospect
Upson County, Georgia

Dear Mr. Medford:

This will confirm the verbal approval given by our field examiners for the location of the shaft and for the work of Stage II.

However, as I told you in Spruce Pine last week, it should be clearly understood that no payment of Government funds can be made until the ownership of the mineral rights is clarified. Therefore, please get from the county recorder's office a document showing that ownership of the mineral rights in the land leased is actually vested in the lessors, Mr. and Mrs. B. M. Mathis, and send it to me at your earliest convenience.

Sincerely yours,

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

RAL/mg
cc - Operating Committee (2)
Mr. V. J. Lynch
File

DMEA Form 7
(12-56)

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11/29	Anderson	600
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Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V
Room 13, Post Office Bldg.
Knoxville 2, Tennessee

Subject: Docket No. DMEA-4525-Mica
Jeter Boone, et al.
Mercer Prospect
Upson County, Georgia
Contract No. Idm-11147

Docket No. DMEA-4528-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia
Contract No. Idm-11150

Dear Mr. Laurence:

Reference is made to the letter of November 20, 1957, from Mr. Owen J. Adams to you, stating that Mrs. Viola J. Laughridge is the owner of the mineral rights in the land leased by L. T. and Elsie D. Mercer to Jeter Boone. Mr. Adams also states that there may be a prior title to lands claimed by Southern Mining Co., John G. McBee, and Lee Medford who, he states, have also obtained Government loans for the purpose of mining the affected lands. We are unable to identify the contracts which involve the Southern Mining Co., and John G. McBee. No payments may be made under DMEA-4528, Idm-11150, and if we have other contracts on disputed lands in this area no payments should be made until the affected lands' ownership is clarified.

In this case the various lessees, Jeter Boone (4525), Lee Medford (4528), Howard Boone (4533), and possibly Homer Boone (4534) should be required to get from the county recorder's office a document showing that ownership of the mineral rights in the land leased is vested in the lessors.

You will find enclosed a letter to Mr. Sam L. Phillips, under today's date, to be forwarded by you, which gives him notice under the Contract Idm-11147 that the DMEA will not participate in any of the costs incurred in the contract until ownership of the property has been clarified. Receipt is acknowledged of a copy of a letter of November 21, 1957, to Mr. Sam L. Phillips.

Sincerely yours,

Approved:

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

W. P. Williams (JB)
Member, Geological Survey

George C. Selfridge
Chairman, Operating Committee (JB)

LGHouk:gad 11/26/57
Rewritten
FEJohnson/LGHouk:gad 11/29/57

Enclosure

Copy to: Admr. R. File
Operating Committee
Mr. Kilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

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DMEA Form 7
(12-56)

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Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V
Room 1[illegible], Post Office Bldg.
Knoxville [illegible], Tennessee

Subject: Docket No. DMEA-48[illegible]5-Mica
Joter Boone, et al.
Mercer Prospect
Upson County, Georgia
Contract No. Mm-E1147

Docket No. DMEA-4[illegible]-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia
Contract No. Mm-E1150

Dear Mr. Laurence:

Reference is made to the letter of November 20, 1957, from Mr. Owen J. Adams to you, stating that Mrs. Viola D. Laughridge is the owner of the mineral rights on the land leased by L. P. and Lizzie D. Mercer to Joter Boone. Mr. Adams also states that there may be a prior title to lands claimed by Southern Mining Co., John C. Mathis, and Lee Medford who, he states, have also obtained Government loans for the purpose of mining the affected lands. We are unable to identify the contracts which involve the Southern Mining Co., and John C. Mathis. No payments may be made under DMEA-4[illegible], Mm-E1150, and if we have other contracts on disputed lands in this area no payments should be made until the affected lands ownership is clarified.

In this case the various lessees, Joter Boone (4533), Lee Medford (4536), and Howard Boone (4[illegible]), and possibly Homer Boone (4534) should be required to get from the county recorder's office a document showing that ownership of the land leased is vested in the lessors and in addition require the lessees to produce a photostat or certified copy of the 1957 property tax receipt.

You will find enclosed a letter to Mr. Sam L. Phillips, under today's date, to be forwarded by you, which gives him notice under the Contract Mm-E1147 that the DMEA will not participate in any of the costs incurred in the contract until ownership of the property has been clarified. Receipt is acknowledged of a copy of a letter of November 21, 1957, to Mr. Sam L. Phillips.

Sincerely yours,

Approved:

Frank D. Lamb (HB)
Member, Bureau of Mines

W. P. Williams (HB)
Member, Geological Survey

George C. Selfridge
Chairman, Operating Committee (HB)

LGHouk:gad 11/26/57

Enclosure

Copy to: Admr. R. File
Operating Committee
Mr. Killsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON 25, D. C.

NOV 25 1957

Memorandum

To: The Administrator, DMEA
Attention: Mr. L. G. Houk

From: Associate Solicitor, Division of Mineral Resources

Subject: Docket No. DMEA-4825, Jeter Boone, et al., Contract Idm-E1147 (Mica)
Docket No. DMEA-4828, Lee Medford, Contract Idm-E1150 (Mica)

1. We approve of the letters of notification to Mr. Laurence and to Sam Phillips to the effect that the Government will not participate in payments where the right to possession of the land has been placed in doubt.

2. However, in the second paragraph of the proposed letter to Laurence a policy question is raised concerning requirements of the Field Team to "check" at the county recorder's office to determine that the title to the property is vested in the lessor; and to make an additional check at the county treasurer's office to determine who is paying the land taxes. This procedure is to be followed in all future cases.

In view of the recital in paragraph 2 of DMEA Circular 20, Revised, to the effect that the Government does not examine titles, and since the proposed requirements do constitute a partial title examination, it is suggested that this procedure receive administrative approval before it is approved here. Moreover, if it is to be adopted as procedure, it would seem that the proper way to adopt it would be to revise DMEA Circular 20, Revised.

Robert P. Dwyer

DMEA
4825
4828
4803

OWEN J. ADAMS
ATTORNEY AT LAW
BARRON BUILDING
THOMASTON GEORGIA

November 20, 1957

Defense Minerals Exploration Administration
U. S. Department of Interior
Post Office Building
Knoxville, Tennessee

Gentlemen:

I am informed that one S. L. Phillips has applied for and received approval on a government loan for the purpose of working certain mineral rights under a pretended lease from one Tom Mercer on approximately 34 acres of land in the 10th Land District of Upson County, Georgia.

This is to give you formal notice of the prior claim and ownership of the mineral rights on this land by my client, Mrs. Viola B. Laughridge, under authority of a conveyance recorded on February 1st, 1919, in office of the Clerk of Superior Court, Upson County, Georgia, in Deed Book 37, pages 1 and 2; said conveyance being in favor of J. H. Burleson Mica Company from the then owner of said land, and having passed by will to Mrs. Viola B. Laughridge.

I am now in the process of completing an examination of the title to all of the land conveyed by the last mentioned instrument, and it further appears that certain lands now claimed by Southern Mining Company, John C. McBee and Lee Medford, all of Spruce Pine, N. C., are also affected by this prior conveyance; and, I believe these latter parties have also obtained a government loan for the purpose of mining the affected lands.

I understand plans are under-way to begin work under the Mercer-Phillips lease within about two weeks; this is to give notice of intention to file an injunction and suit for damages should such work actually be commenced. This matter should be clarified before any work is started. Copies of this notice are being posted to all affected parties as formal notice of the prior title.

Very truly yours,

Owen J. Adams

OJAsfca

Copies to:

Dept. of Interior
Washington, D. C.

S. L. Phillips
Spruce Pine, N. C.

John C. McBee
Spruce Pine, N. C.

Southern Mining Co.
Spruce Pine, N. C.

Lee Medford
Spruce Pine, N. C.

Mrs. V. B. Laughridge
Spruce Pine, N. C.

DMEA Form 7
(12-56)

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11/4	Anderson	600
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B

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

Re: Docket No. DMEA-4928-Mica
Ice Medford
Mathis Prospect
Upson County, Georgia

Dear Mr. Laurence:

Enclosed are the original and four copies of a proposed short-form contract signed by the Administrator for the Government. It consists of the form, Annex I (1 page), one Consent to Lien and Subordination Agreement, Exhibit A (2 pages), and one map. Also enclosed are two extra copies of Annex I, Exhibit A, and the map for Field Team use.

If the proposed contract meets with your approval, present it to the Applicant for execution. Please explain to the Applicant that the contract is a firm commitment to complete the work outlined at the agreed cost. Copies of the executed contract are to be distributed in the usual manner.

If any part of this proposed contract does not have either your approval or that of the Applicant and cannot be amended within your delegated authority, then the original and all copies of the contract and the two extra copies of Annex I, Exhibit A and the map are to be returned to this office, together with the proposed changes for consideration.

Copies of memoranda dated October 16 and 18, 1957, by Mr. Milford L. Skow, USBM, and Mr. W. P. Williams, USGS, respectively, relating to the project are enclosed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JHB)

Approved:

P. F. Yopes (JHB)

Member, Bureau of Mines

Thor H. Kiilsgaard (JHB)

Member, Geological Survey

Enclosures 11

WCAnderson:gad 11/4/57

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

8623

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DMEA
RECEIVED OCT 21 1957
IN REPLY REFER TO

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

Memorandum

October 18, 1957

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

From: W. P. Williams, U. S. Geological Survey

Subject: Review of Field Examination Report, DMEA 4828 (mica), Lee Medford, Mathis prospect, Upson County, Georgia.

The examining team report that a 20 to 35 foot thick, zoned, mica-rich pegmatite has been partly exposed on the applicant's property by bulldozer trenching.

Sales records of the GSA mica depot show that the muscovite from the property is of excellent quality.

The examining team believe that the pegmatite has good continuity along strike, and under cover. The pegmatite appears favorable for the presence of undiscovered mica. The examiners recommend a DMEA project consisting of surface trenching, shaft sinking, and drifting at a total estimated cost of $7,108.

I agree with the recommendations of the examining team on the grounds that a discovery seems likely to result from the proposed project.

W. P. Williams

W. P. Williams

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

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October 16, 1957

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Acting Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4828 (mica)

Applicant: Lee Medford

Name and Location of Property: Mathis Prospect, Upson County, Georgia

Date of Field Team Report: 10/9/57

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 10/14/57

Field Team Recommendation: Recommend that a two-stage exploration contract be granted.

Comments:

1. A 20 to 35 foot thick pegmatite is exposed for 100 feet by shallow bulldozing trenching.

2. From a crosscut at the 25-30 foot level connecting two recently dug shafts 364.94 pounds of muscovite valued at $5,812.81 was recovered.

3. Applicant wishes to explore mica potential of southwest projection of exposed pegmatite.

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

Recommendation:

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

Milford L. Skow

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 10 POST OFFICE BLDG.
WASHINGTON 25, D. C.
KNOXVILLE 2, TENN.

OFFICIAL FILE COPY
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RECEIVED OCT 11 1957

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10/15	C	220
10/15	wra	600

October 9, 1957

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region V

Subject: Examination Report - DMEA-4828 (mica) Mathis Prospect Upson County, Georgia.

Transmitted are three copies of the subject report with copies of the map attached, and 8 extra copies of maps enclosed for your use.

The Applicant claims he sent the tie-in on this property direct to Operating Committee.

V. J. Lynch

Reviewed by
DMEA OPERATING COMMITTEE
10-14-57
(Date)

On-Site Exam Rpt

ORIGINAL FILE COPY
DMEA
RECEIVED OCT 11 1957

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UNITED STATES

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT, REGION V

DMEA-4828 (mica) MATHIS PROSPECT
Upson County, Georgia

S. C. Bergman and F. G. Lesure, Geologists
U. S. Geological Survey

and

S. A. Feitler, Mining Engineer
U. S. Bureau of Mines

Reviewed by
DMEA
10-14-57
(Date)

October 9, 1957

FIEDD EXAMINATION REPORT

DMEA-4828-Mica, MATHIS PROSPECT
Upson County, Georgia

Applicant: Lee Medford, Spruce Pine, North Carolina

SUMMARY

A 20 to 35 foot thick, zoned, mica-rich pegmatite has been continuously exposed for 100 feet along both hanging and footwall contacts by recent, relatively shallow bulldozer trenching (summer or fall of 1956). The structure has a productive history from a thin zone along the contorted hangingwall contact and along the margins of a thin quartz core near the footwall contact (see map). Some muscovite was reportedly recovered along the hangingwall contact from a crosscut connecting two recently dug shafts at the 25 to 30-foot level. Seven sales from this site are recorded in the GSA Depot in Spruce Pine, North Carolina which total 368.94 lbs. of trim valued at $5,812.81. This is an average value of $15.75 per lb. of trimmed sheet, with an average 58% content of good-stained or better grades. T he Examiners recommend that a two-stage exploration contract be granted to outline the mica-potential of the southwest projection of exposed pegmatite.

INTRODUCTION

Location

The prospect is 4.60 airline miles S71½°E from the intersection of U.S Highway 19 and State Routes 3,36, and 77 in the center of Thomaston, Upson County, Georgia. It is located about 250 ft southwest of the Triune Mill Road and near the south bank of Swift Creek on moderately hilly , sparse scrub timberland. The site can be located along the east edge of the east-central 1/9th of the Thomaston, Georgia Quadrangle, USGS Ed. 1939, 1:62,500.

Examination

An examination of the prospect site was made September 19, 1957, the Examiners being accompanied by Mr. Lee Medford, the applicant and last operator of the prospect, as well as Howard, Jeter, and Homer Boone of Spruce Pine, North Carolina. About two hours were spent on the property.

One of the persons accompanying the Examiners would supervise any contract work that might be forthcoming. Each one is experienced and has an excellent record in mica-mining activities. The site closely approximates the location given in USGS Bull. No. 248-F, for the Young Mine (pg.343). T he report description and map are sketchy so that positive correlation with the present site cannot be made.

An area approximately 220 ft by 160 ft was bulldozed in 1956 to a depth of not more than 20 ft. The site is on the south-southeast bank of Swift Creek at the intersection of one of its branches. About 200 ft of good dirt road connects the site to the Triune Mill Road, an all-weather route leading directly to nearby Thomaston. A northeast-southwest trending trench 150 ft long and 10- to 30 ft wide has been excavated in the bottom of the larger cut, exposing pegmatite for about 100 ft along both contacts (see map). A cribbed vertical shaft was sunk by the Applicant to a depth of 42 ft in January 1957 from a point about 40 ft north of exposed pegmatite in the trench. From the 25 to 30 ft level in the shaft, a crosscut was driven due south to the pegmatite contact. A drift connects the end of this crosscut with a vertical uncribbed shaft 30 ft deep, located about 40 ft east-southeast of the cribbed shaft. Muscovite was produced from this drift, and what the Applicant considered the keel or bottom (?) of the pegmatite was intercepted. At the time of the examination, the water level was about 15 feet below the collar of both shafts. Outside of a straight-leg-boompole hoisting arrangement at the shaft site, no equipment, buildings, or supplies were present. Electricity appears to have been brought to the site from a power line along the Triune Mill Road.

No! Cribbed 2 Pigs.

GEOLOGY

A large contorted, mica-bearing pegmatite has been exposed for about 100 feet along both contacts by bulldozer trenching. The structure is from 20 to 35 feet thick, strikes approximately N. 60° E. and dips from 45 to 70° northwest. Considerable asymmetrical drag folding of the hanging wall contact, and the exposed country rock, as well as distinct bending of the partially discordant foliates near the footwall contact indicate strong differential stresses have acted on, and possibly formed, the host structure. The northwest contact of the pegmatite appears to have been displaced northeast relative to the southeast contact (see map). The structure appears to be grossly concordant with the enclosing foliates although in detail it is slightly discordant. The southwest end of pegmatite exposure cuts the foliates at an acute angle. Country rock is composed of a garnetiferous, quartz-biotite-muscovite gneiss with some interlayered feldspathic alteration or injection gneiss. The gneiss is strongly folded and has an attitude of N. 20-55° E., 60-90° NW. A strong joint pattern in the gneiss along the southeast edge of the trench is oriented N. 25° W. vertical, and N. 70° W., 60° NE. The convolutions of the hanging wall contact, plunge steeply to the north-northeast and appear to localize a thin, discontinuous 2 to 4-foot thick plagioclase-quartz-muscovite wall zone. A 15 to 20-foot thick upper wall zone is composed of medium fine grained kaolinized plagioclase, minor perthite, fine grained interstitial quartz, and small muscovite, along with many oriented relics of what may have been country rock but now consist of reconstituted biotite, and fine grained plagioclase-quartz-muscovite. Portions of a tabular-shaped quartz core are exposed about two and one-half to four feet from the footwall contact, which reportedly has good strike continuity and is up to four feet thick. The footwall zone, two and one-half to four feet thick, consists of medium grained perthite, minor

interstitial quartz, and fine grained kaolinized plagioclase.

Muscovite has been recovered as both a core-margin occurrence and from the discontinuous hanging wall zone. Muscovite is flat (flat-A along the core margin), free-splitting and a clear light brown color with a slight reddish tinge. Reeving in the flat-A material, as well as minor cracking and ruling constitute the worst noticeable defects. Some of the material is clay-stained and rare isolated specks of oxide (?) intergrowth were noted. Books up to three to four inches across were seen at the site. A total of seven sales from September 10, 1956 to July 1, 1957 are recorded in the GSA depot as coming from this prospect. A total of 368.94 pounds of trim valued at $5,812.81 was sold. The muscovite averaged $15.75 a pound in value, and contained 58% good stained or better grade material.

CONCLUSIONS AND RECOMMENDATIONS

Muscovite of excellent quality has been produced along the hanging wall contact and core margins of a large pegmatite with good indicated strike continuity. It is suggested that a two-stage exploration program be instituted to explore the southwest projection of exposed pegmatite.

Stage I

Not more than 700 cubic yards of bulldozer trench approximately 120 x 20 x 8 feet deep is recommended to expose the pegmatite along strike to the southwest. Not more than 160 cubic feet of crosscutting hand trenches 2 feet wide by 1 foot deep to clean the surface at 30-foot intervals across the bulldozer excavation are recommended to supplement the bulldozer work.

Stage II

At a point located by the results of the bulldozing and hand-trenching, it is suggested that 50 feet of vertical or inclined shaft be sunk and a total of 120 feet of drift and/or crosscut be driven to outline possible productive areas in the pegmatite along both the hanging wall contact and core margins.

ESTIMATED COSTS

STAGE I

Excavate one bulldozer trench approximately 120 x 20 x 8 feet deep to expose the southwest extension of the pegmatite. Excavate cross cutting hand trenches 2 feet wide by 1 foot deep at approximately 30 foot intervals to clean the surface across the pegmatite exposed in the bulldozer trench. Hand excavation not to exceed 160 cubic feet.

Bulldoze 700 cu. yds @ $0.30/cu. yd	$210.00	
Hand trench 160 cu. ft @ $0.15/cu. ft	24.00	
Total estimated cost of Stage I		$234.00

STAGE II

Construct:

Toolhouse	$ 75.00	
Powder magazine	25.00	
Cap magazine	15.00	
Total Construction		115.00

Sink 50 feet of shaft 5 x 7 feet in cross-section with timbered manway.

Labor:

1 - Foreman-Miner	$14/shift	
1 - Hoistman	12/shift	
1 - Laborer	8/shift	
Per 8-hour shift	$34.00/ shift	
Total labor - ~~34~~ 31 shifts		$1156.00 X 1054.00

Equipment (rental):

1-Compressor - 105 c.f.m. @ $150/Mo.	$263.00	250.00 mo X 31/20 = 387.50
1-Single drum gasoline hoist @ $50/Mo.	88.00	
1-Rock drill with hose @ $40/Mo.	70.00	
1-Sump pump @ $40/Mo.	70.00	
Total equipment rental		491.00 X 387.50

Supplies:

Gasoline and oil	$113.00	
Explosives	163.00	
Drill steel	90.00	
Timber 2.5 M b.f.	163.00	
Small tools and miscellaneous	100.00	
Social Security & Liability Ins.	139.00	139.00 × 31/34 = 126.73
Sales tax	16.00	
Total supplies	$784.00	

Total Estimated Cost of Shaft $2431.00 × 2213.23

Estimated Cost per foot $48.62 × $44.265, Round to $44.25 50 × 44.25 = 2212.50 Round to 2213.00

Drift and/or crosscut 120 feet 5 x 7 feet in cross-section. Use $45/ft.

Labor:

1-Foreman-Miner	$14.00/shift
1-Hoistman	12.00/shift
1-Laborer	8.00/shift
Per 8-hr shift	$34.00/shift

Total labor - ~~60~~ 57 shifts $2040.00 × 1938.00

Equipment (rental):

1-Compressor - 105 c.f.m. @ $150/Mo.	$450.00	250.00 × 57/20
1-Single drum gasoline hoist @ $50/Mo.	150.00	= 662.50
1-Rock drill with hose @ $40/Mo.	120.00	
1-Sump pump @ $40/Mo.	120.00	
1-Jack leg @ $25/Mo.	75.00	
Total Equipment Rental	915.00	× 662.50

Supplies:

Gasoline and oil	240.00	
Explosives	360.00	
Drill steel	180.00	
Timber 3 M b.f.	195.00	
Small tools and miscellaneous	120.00	
Social Security & Liability Ins.	245.00	× 232.75
Sales tax	33.00	
Total supplies	1,373.00	× 1360.75

Total Estimated Cost of Drift	4328.00 × 3961.25
Estimated Total Cost of Project	7108.00

Estimated Cost per foot $36.07
33.0104 Round to 33.00
120 x 33.00 = 3960.00
Use $34/ft. - [illegible]

Summary of Estimated Cost

Stage I

Trenching	$234.00	

Stage II

Construction	115.00	
Shaft	2431.00	2213.00
Drift	4328.00	3960.00
Total Estimated Cost	$7108.00	6522.00
Govt Participation		4891.50

S. C. Bergman and F. G. Lesure, Geologists
U. S. Geological Survey

Stanley A. Feitler, Mining Engineer
U. S. Bureau of Mines

6288.00
- 234.00
6,588.00

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(12-56)

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Date	Surname	Code
9/20	Houk	600
9/20	[illegible]	130
"	Johnson	110
9/23	C	220
		600

600

SEP 20 1957

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

Re: Docket No. DMEA-4328-Mica
Lee Medford
Mathis Prospect
Upson 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 September 10 and 19, 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 with attachments for the use of the Field Team.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JHB)

Approved:

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

N. E. Nelson (JHB)
Member, Geological Survey

Enclosures 5

LGHouk:gad 9/20/57
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
9/20	Frank	600
9/20	Selbridge	130
9/20	Yopes	130
9/20	Nelson	130
		~~110~~
		220

600

SEP 20 1957

Mr. Lee Medford

Spruce Pine, North Carolina

Re: Docket No. DMEA-4828-Mica
Lee Medford
Mathis Prospect
Upson County, Georgia

Dear Mr. Medford:

Your application for assistance in exploring the subject property has been reviewed by the Division of Nonmetallic Minerals of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee, for further consideration and possibly a field examination.

The Regional Office will contact you at an early date if an examination is to be made. Any assistance you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

Frank E. Johnson
(Byes)
ACTING Administrator

LGHouk:gad 9/17/57
Copy to: Admr. R. File
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

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

September 19, 1957

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA 4828 (mica)

Applicant: Lee Medford

Name and Location of Property: Mathis Prospect, Upson County, Ga.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 9/9/57

Comments:

1. This is a new prospect.

2. Applicants state a mica-bearing pegmatite out-crops on the surface.

3. The requested $8,000 may be high for initial exploration.

4. Name of only one applicant is given, while operation proposal refers to "we."

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

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 19 1957

DATE	INITIALS	CODE
9/20	B	220
		600

COPY

Spruce Pine, North Carolina
September 12, 1957

Mr. Lawrence G. Houk, Chief
Nonmetallic Minerals Division
U.S. Dept. of the Interior, D.M.E.A.
Washington 25, D. C.

Dear Mr. Houk:

Enclosed you will find book and page number for two prospects in Upson County, Georgia, listed as follows: "Mercer Prospect", DMEA #4825, recorded in book #107, at page #129. "Mathis Prospect", DMEA #4828, recorded in book #77 at page #423.

Sincerely yours,

S/ Sam L. Phillips

p/bjg

IN REPLY REFER TO:

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

September 10, 1957
Re: DMEA 4828
Lee Medford
Mathis Prospect
Upson County, Georgia
$8,800 - Mica

Memorandum

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

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

Subject: Review of application.

The applicant, like the applicants under DMEA 4825, requests assistance in exploring a 'new' pegmatite showing, by shaft sinking 80 feet and drifting 100 feet.

In this case there is a significant amount of strategic grade mica in the vein material.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

OFFICIAL FILE COPY
DMEA
RECEIVED [illegible]

DATE	[illegible]	CODE
9/11	C	220
9/12	Houk	600

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 9 1957

DATE	INITIALS	CODE

Spruce Pine, North Carolina
September 4, 1957

Mr. Lawrence G. Houk, Chief
Nonmetallic Minerals Division
U.S. Dept. of the Interior, D.M.E.A.
Washington 25, D.C.

Dear Mr. Houk:

I do not have the book and page number of the property on which the Mathis Prospect is located as recorded in the Register of Deeds Office. I have written for this information and I will forward it to you just as soon as I can.

Yours very truly,

Lee Medford

Lee Medford

M/bj

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

September 9, 1957

Mr. Lee Medford
Spruce Pine, North Carolina

Subject: DMEA 4828

Dear Mr. Medford,

Your application for exploration assistance, dated September 4, 1957 submitted to our office at Washington D.C. has been assigned Docket Number 4828 and referred to the Division of Nonmetallic Minerals in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to:
Region V