DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE — Idm-E NO. 737 — DMEA NO. 3469

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- [ ] Withdrawn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

- [x] Royalty Audits
- [x] 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:

- [x] Field Team Semi-Annual Report for Certified Project
- [x] Final Field Team Report (Tab)
- [ ] 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

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

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

Folders No. _____: Settlement Sheets

Folders No. _____: Drill Logs

Folders No. _____: Royalty material

17963

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Contract Idm-E737, Docket DMEA-3469 (mica), dated November 18, 1954, with:

A. Ward
Route 5
Franklin, North Carolina

for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the Elmore or Elmore Branch Mine located in Macon County, North Carolina, during the period May 8, 1959, through January 23, 1963.

A certification of discovery or development was issued on October 14, 1955, and, in accordance with Article 7 of the contract, royalty is payable on all minerals produced from the land described in Article 2 of the contract for a period of 10 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. A Report of Review dated July 20, 1955, indicated accepted costs under the exploration contract amounting to $3,354.00 with the Government's contribution on a 75 percent basis being $2,515.50.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review found no sales subject to the Government's royalty subsequent to the period covered by a prior Report of Royalty Review which found the sales subject to the Government's royalty through May 7, 1959, to be $266.61. The royalty account account as of May 7, 1959, was:

Total Royalty Payable	$13.33
Total Royalty Paid	13.33
Balance of Royalty Due	$ -0-

As of January 23, 1963, the royalty account of this project was found to be:

Total Royalty Payable	$13.33
Total Royalty Paid	13.33
Balance of Royalty Due	$ -0-

E. B. Talbert

E. B. Talbert, OME Auditor

February 1, 1963

Idm-E737 A. Ward DMEA-3469

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

This contract provides that the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a percentage royalty on all minerals produced from the property thereunder. The land consists of a tract of 2½ acres, more or less, near the head of Elmore Branch in Millshoal Township about 3½ miles northeast of Franklin. At the time the contract was executed the Operator was in possession by virtue of a June 26, 1954, three-year lease, with option to renew for an additional two years, granted by Garland and Hazel Shepherd, Box 86, Route 4, Franklin, N. C. In consideration of the contract the Shepherds executed an Owner's Consent to Lien on September 2, 1954.

Exploration work under the contract was terminated May 16, 1955. Production during the exploration period resulted in the sale of 29.69 lbs. of trimmed sheet mica to the G.S.A. Mica Purchase Depot, Spruce Pine, N. C., and 7,125 lbs. of scrap mica to Franklin Products, Franklin, N. C. The sales, which were made in the names of Elmore Mining Co. and M. E. Burleson, resulted in aggregate proceeds of $266.61 and are covered by a prior Report of Royalty Review.

Examinations of the property, inquiries, and checks of the Mica Purchase Depot's records by DMEA and OME representatives found no evidence of further production through April 24, 1961. A check of the Mica Purchase Depot's records during June 1962 by a representative of this Division disclosed no unreported sales of strategic mica.

In a January 23, 1963, reply to a MME Form 63 inquiry, Garland Shepherd advised that neither production nor change in property status had occurred since May 7, 1959, and that "No work has been done since A. Ward stoped".

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(1) The files indicate that all production from the property since the date of the contract has been reported and proper royalty thereon paid; and
(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Division of Nonmetallic Minerals, Office of Minerals Exploration, Washington, D. C., pertaining to Contract No. Idm-E737, Docket No. DMEA-3469 (Mica), dated November 18, 1954, with

A. Ward
Route 5
Franklin, North Carolina

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as the Elmore Mine located in Macon County, North Carolina, during the period January 27, 1956, through May 7, 1959.

A certification of discovery or development was issued on October 14, 1955, and accordingly royalty is payable on all production from the land described in Article 2 of the contract for a maximum period of 10 years from the date of the contract. A Report of Review in lieu of final cost audit dated July 20, 1955, indicated accepted costs under the exploration contract amounting to $3,354.00 with the Government's contribution, on a 75 percent basis, being $2,515.00.

A prior report of royalty review dated February 1, 1956, indicated total sales subject to Government royalty amounting to $266.61 for the period November 18, 1954, through January 26, 1956, and that the royalty due the Government amounting to $13.33 had been paid. No royalty has been received by the Government applicable to this project since the latter date.

This review was made in lieu of an on-site royalty audit of the Operator's accounts and records for the following reasons:

(1) Periodic inspections by a representative of the Field Team, Region V, have failed to disclose any evidence of production or sales of minerals from this project during the period covered by this review, and

(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible royalty which might be disclosed.

C. E. Fisher
C. E. Fisher, OME Auditor

May 15, 1959

MME Form 22
April 59

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name A. Ward (deceased)

Address R#5, Franklin, N.C.

Exploration Contract No. Idm-E737 Docket No. 3469

	Check One: Yes	Check One: No.
1. (a) Does the Operator stockpile ore subject to royalty repayment?		✓
(b) If so, is segregation and identification procedure adequate?		
2. (a) Does Operator commingle production subject to DMEA or OME royalties with exempt production?		✓
(b) If so, do you consider the allocation of the commingled production equitable?		
3. (a) Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?		✓
(b) If so, are adequate records maintained on such material to protect the Government's interest?		
4. Do you consider the assay controls in effect are adequate?	✓	
5. Do you consider that the manner of disposing of production gives the Government its fair royalty returns?	✓	
6. Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?	✓	
7. Does the Operator buy from or sell to other Operators?		✓
8. Comment on any item 2 (b) to 6 if answer is No.		

5/7/59
Date

W. Lynch
Mining Engineer

53362

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Executive Officer, DMEA Field Team, Region V, Knoxville, Tennessee, pertaining to Contract Idm-8737, Docket No. DMEA-3469, dated November 18, 1954, with

A. Ward
Route 5
Franklin, North Carolina

for the purpose of determining the amount of royalties due the United States Government on sales of mica from property referred to as the Elmore Mine located in Macon County, North Carolina, during the period November 18, 1954, to January 26, 1956.

A certificate of discovery or development was issued on October 14, 1955, and, in accordance with the contract, royalty is payable on all production from the land described in Article 2 of the contract for a maximum period of 10 years from the date of the contract. A Report of Review in lieu of final cost audit dated July 28, 1955, indicated accepted costs under the exploration contract amounting to $3,354.00 with the Government's contribution, on a 75 percent basis, being $2,515.50.

My review included a verification of the royalty paid in connection with the sale of 29.69 pounds of trimmed and 7,125 pounds of scrap mica recovered during the exploration period. In addition, a conference was held with Mr. William A. Beck, Mining Engineer, Knoxville, Tennessee, who is thoroughly familiar with the project.

This review was made in lieu of an on-site audit of the operator's accounts and records for the following reasons:

(a) The production involved was incidental to the exploration operation.
(b) The property has been idle since completion of the exploration work.
(c) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

The review established the total sales of mica to be $266.61. Royalty due the United States Government at the contract rate of 5 percent is $13.33. The royalty paid and balance due are as follows:

Total Royalty Due	$13.33
Total Royalty Paid	13.33
Balance of Royalty Due	$ -0-

C. E. Fisher
C. E. Fisher, Auditor

February 1, 1956

Docket Copy
Surname:
Anderson
Johnson
Rutan
Hoffland
"Appd. Sol. Off."
Talbot
Hillegaard
Selfridge

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

INTERIOR DEPT.
OCT 10 1955
SOLICITOR

[illegible]

Mr. A. [illegible]
[illegible]
Franklin, North Carolina

Pursuant to the provisions of exploration project contract [illegible], dated [illegible] 14, 1954, [illegible], hereinafter called the contract, between you and the United States of America, hereinafter called the "Government", to establish and fix the Government's permanent royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made has resulted from the exploration work.

The nature of said discovery or development is described briefly or indicated as follows:

[illegible] road report a nine-foot pegmatite [illegible] which is [illegible] and non-[illegible] of the [illegible] mineral. Sufficient data were obtained to calculate tonnage of mica.

[illegible]

ACTING Administrator, Defense Minerals Exploration Administrator

OCT 1 4 1955

[illegible]

[illegible] 10/6/55
Copy to: Mr. R. File
Docket
Mr. Johnson
Mr. Cochan, 3608
Field Team, Region V
Finance Office
Mr. Anderson
Mr. Clarence A. Predell, R.S., [illegible]
Mr. and Mrs. Garland Shepherd
Mr. Hillegaard, 5222
Operating Committee
Mr. Hook
Mr. Chambers

~~Attached Field Team copy for forwarding.~~

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
2/18	Murphy	120m
	Lebrecht	120
2/18	Johnson	110
		100
		220

FEB 18 1965

Mr. A. Ward
(Deceased)

Re: MMRA-3469 (Mica)
A. Ward
Kimsey Mica
Mason County, North Carolina
Contract Idm-5737

Dear Mr. Ward:

By the terms of the subject Exploration Project Contract and the certification of discovery or development dated October 14, 1953, all minerals mined or produced from November 18, 1954, to November 18, 1964, were subject to the Government's royalty as set forth in said contract.

As the period during which production was subject to royalty has now expired, the Government according to its present records 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 contract. Your attention, however, is called to the provisions of the contract which require the Operator to keep and preserve certain records for the periods indicated.

Sincerely yours,

George Fumich, Jr.

Acting Director

MMerrithew/mm
2/18/65
cc: Director's Reading File
R. A. Laurence, Knoxville, Tenn. w/cy of incoming 63 and ltr dated 2/15/65
CA&A Division
Docket
120M
Garland Shepherd, Box 86, Rt. 4, Franklin, N.C.

23263

Mr. Anderson

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

A. Ward
Route 5
Franklin, North Carolina

pertaining to Exploration Project Contract No. Idm-2737, Docket No. DMEA-3469, including Amendment No. 1, for the months of December 1954 to May 1955, inclusive, covering a project for the exploration of mica on property, known as the Elmore Mine located in Macon County, North Carolina.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed 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 following reason:

all of the costs incurred were under a contract provision for payment by the Government on the basis of agreed estimated costs of units of work actually performed.

The review disclosed the following facts in regard to the amount paid or to be paid the contractor:

Total cost as billed by Contractor		$3,354.00
Exceptions:		
By DMEA Finance Officer	$ - 0 -	
Herewith	- 0 -	-0-
Total Accepted Cost		$3,354.00

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Two thousand five hundred fifteen and 50/100 Dollars

$2,515.50

is considered valid and proper, provided that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

E. D. Talbert, Auditor

July 20, 1955

Docket Copy

RECEIVED
OCT 10 1955

TERMINATION AGREEMENT

It is agreed this 5th day of July, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and A. Ward, hereinafter called the "Operator," parties to that certain Exploration Project Contract I&m-8737, Docket No. DMEA-3469, dated November 18, 1954, hereinafter called the "Contract," that:

1. Effective May 16, 1955, 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 provided for in the Contract with respect to a certification of discovery or development and a percentage royalty and lien for its payment 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 Robert A. Laurence
Robert A. Laurence, Executive Officer, DMEA Field Team, Region V

A. WARD

A. Ward

Appr. Sol. Off.
Andrews
Hoch
Chamberlin
Selfridge
Zumwalt
Mattendorf

Copy

Rubin 5/29/55

THE INTERIOR
Administration
RECEIVED
MAY 11 1955

EXPLORATION PROJECT CONTRACT
DOCKET NO. DMEA-3469
Idm-E737 (mica)

AMENDMENT No. 1

Contract Idm-E737, Docket No. DMEA-3469, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration and A. Ward, dated November 18, 1954, is here by amended as follows:

> Article 3 is amended to read,".....and shall bring the project to completion within a period of eleven (11) months from date of contract", ... instead of six (6) months as originally written.

This amendment is necessary due to heavy spring rains, and the laborers being off to do farm work.

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 pay, nor the amount of any item designated as 'allowable maximum.'

A. Ward
A. Ward, Operator

W. J. Lynch
Acting Executive Officer
DMEA Field Team, Region V

DMEA 3469

DOCKET INDEX

ACTION DOCUMENTS

1	APPLICATION	DATE RECEIVED	8-30-54
2	CONTRACT	DATE	11-18-54
3	TERMINATION AGREEMENT	DATE	
4	CERTIFICATION	DATE	10-14-55
5	AUDIT REPORT	DATE	
6	AMENDMENTS - NUMBERS 1	DATE	May-55 ?

Docket copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 2 1954

MF-200A
(Revised June 1954)

Docket No. DMEA 3469

Commodity Mica

Contract No. Idm-E 737

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXPLORATION PROJECT CONTRACT[1]
(Short Form)

It is agreed this 18th day of November, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] A. Ward, whose mailing address is Route 3, Franklin, North Carolina, hereinafter called the "Operator," as follows:

ARTICLE 1. *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 Exhibit "A," Annex I, and .....

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

ARTICLE 2. *Operator's property rights.*—(a) The land which is the subject of this contract (hereinafter called "the land") is in the State of North Carolina, County of Macon, and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] lessee of [5] the mineral rights in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] lease, [7] unrecorded in Book ....., page ....., official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: none

(c) 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: Owner's Consent to Lien

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] Insert name, and if an organization, its nature (corporation and place of incorporation, partnership with names of partners, etc.).
[3] State on a separate sheet marked "Annex I" the legal description or enough to identify the property, particularly excluding any areas from which the production is not to be subject to the Government's percentage royalty.
[4] Insert "owner," "lessee," "contract purchaser," "locator," etc.
[5] Insert "the entire interest," "the mineral rights," "an undivided one-third," etc.
[6] Insert "deed," "lease," "contract," "location notice," "patent," etc.
[7] If not recorded, so indicate by inserting "un."

(d) 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. Until the lapse of the time within which the Government may make a certification of discovery or development without any such certification having been made, and after any such certification has been made, 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. If the Government makes no certification of discovery or development within the time limited in Article 7, it shall thereafter have no claim against the land or any production therefrom except for any production referred to in Article 7(b)(1).

ARTICLE 3. *The exploration project.*—The project is a search for indicated or undeveloped deposits of mica. The work to be performed is described in Exhibit "A." The Operator on or before FEB 1 1955 shall commence the work, and on or before May 6, 1958 (unless the Operator's obligation to complete the work is terminated—see Article 8) shall complete the work.

ARTICLE 4. *Performance of the work.*—(a) *Operator's responsibility.*—The work shall be performed with reasonable diligence, efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for liability insurance covering employment; and with suitable and adequate equipment, facilities, materials, supplies, and labor, to bring it to completion within the time fixed.

(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 a 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 5. *Contribution by the Government.*—A fixed cost for each unit of work to be performed (per foot of drifting, per foot of drilling, per hour of operations, etc.) is hereby agreed upon, and is set forth in Exhibit "A" in connection with the estimated total cost of the project in the sum of $5,064.00. The Government will contribute 75 percent of the fixed unit costs as work is performed, in a total sum not in excess of $3,798.00: *Provided,* That until the Operator has rendered to the Government his final report, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of 10 percent of the estimated total cost of the work. The Government will make its contribution on the basis of the monthly vouchers referred to in Article 6(b), but all payments by the Government are provisional only, subject to audit, until the account between the Operator and the Government is finally audited and settled. 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 may make payments directly to independent contractors and suppliers for the account of the Operator rather than to the Operator.

ARTICLE 6. *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 any pertinent books, documents, papers, and records of the Operator. All of the Operator's vouchers and records and accounts relating thereto and the Government's payments thereof remain subject to adjustment until final audit by the Government.

(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 7. *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 a sufficient final report and final account (see Article 6) has been rendered, 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, 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, within 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 or 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) applied to the crude ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

(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 when 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 8. *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 remedy provided for the Government in this paragraph "(b)" is in addition to any other remedy provided in this contract, and in addition to any other remedy the law may provide for breach of contract.

(c) The giving of any notice by the Government under the provisions of this Article 8 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and such rights shall be fully preserved.

ARTICLE 9. *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 his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 10. *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 11. *Changes and added provisions.*—

Executed in sextuplicate the day and year first above written.

A. WARD
(Operator)

By A. Ward

THE UNITED STATES OF AMERICA

By O. Mitteudorf
Administrator, Defense Minerals Exploration Administration

Chrisp
H. Fluck
Anderson
Hook
Chandler
Selfridge
H. Johnson

I, ..., 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 16—70618-1

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 2 1954

EXPLORATION PROJECT CONTRACT
A. WARD
DOCKET NO. DMEA-3469

ANNEX I

The land referred to in Article 2 of the contract form is known as the Elmore Mine and was leased for mining purposes to A. Ward for a period of three years with option to renew for an additional two years by Garland Shepherd and wife, Hazel Shepherd, in an instrument dated June 26, 1954. It is located near the head of Elmore Branch, a south-flowing tributary of Rabbitt Creek, 3.5 airline miles N. 42° E. of Franklin, Macon County, North Carolina, and is described as follows:

> "Beginning at a large black oak, Garland Shepherd's Southeast corner, and a corner of the Bob Taylor land, runs southwest with Bob Taylor's line 250 feet to a forked oak tree, marked, thence west 235 feet to a stake at the east edge of Garland Shepherd road, thence north along eastern edge of said road 100 feet to a stake on edge of said road; thence northeast to a stake, 190 feet, said stake at edge of open field; thence east 310 feet to a red oak tree, marked; thence south 32 feet to the Beginning Corner, containing 2.5 acres, be the same more or less."

EXPLORATION PROJECT CONTRACT
A. WARD
DOCKET NO. DMEA-3469

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica shall be accomplished in the area indicated on the attached map entitled "Sketch of Elmore Mine, Macon Co., N.C., DMEA-3469 (mica)," in two stages as follows:

STAGE I

Rehabilitate existing 60-foot shaft, including cleaning out, retimbering as necessary, dewatering, and installing staggered ladders.

STAGE II

If approved in advance by the Government, after examination of the work under Stage I, Stage II shall be undertaken. This stage shall consist of one of two approaches selected by the Government:--(1) sinking the shaft an additional 30 feet on the pegmatite and then driving 75 feet of drifts and/or crosscuts or (2) driving 75 feet of drifts and/or crosscuts from the bottom of the rehabilitated 60-foot shaft, dependent upon the condition and extent of openings found upon completion of Stage I.

The shaft shall be timbered, shall have two compartments and shall be provided with staggered ladders. The drifts and/or crosscuts shall be timbered as necessary; and shall have minimum cross-sectional dimensions of not less than 5 feet by 7 feet in the clear of timber.

In the event Stage II is undertaken, the following buildings shall be constructed:

(1) A toolhouse, minimum dimensions 7 feet by 10 feet by 12 feet.

(2) A powder storage magazine, minimum dimensions 4 feet by 3 feet by 2½ feet.

(3) An exploder storage magazine, minimum dimensions 2 feet by 1½ feet by 1 foot.

The toolhouse may be unfloored; shall be made from rough, unfinished timber, 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; and shall be braced at the corners. Lumber for these two buildings shall be smooth on the inside of buildings. No metal shall be exposed; and the lids or doors shall be securely locked with the equivalent of a 5-tumbler jarproof lock.

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

Fixed Unit Costs

Rehabilitating existing 60-foot shaft @ $20.00/ft.		$1,200.00
Constructing--	Toolhouse 1/	76.00
	Powder magazine 1/	25.00
	Exploder magazine 1/	13.00
Sinking 30 feet of additional shaft @ $50.00/ft.		1,500.00
Driving 75 feet of drifts and/or crosscuts @ $30.00/ft.		2,250.00
		$5,064.00

Estimated total cost of project	$5,064.00
Government participation @ 75%	$3,798.00

1/ The completed work constitutes the unit.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 2 1954

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of NORTH CAROLINA, County of BERTIE, described as follows:1/

BEGINNING at a large black oak, Garland Shepherd's Southeast corner, and a corner of the Bob Taylor land, runs Southeast with Bob Taylor's line 850 feet to a forked oak tree, marked, thence West 235 feet to a stake at the east edge of Garland Shepherd road, thence North along eastern edge of said road 100 feet to a stake on edge of said road; thence Northeast to a stake, 190 feet, said stake at edge of open field; thence East 510 feet to a red oak tree, marked; thence South 38 feet to the BEGINNING corner, containing 2.3 acres, be the same more or less.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ A. Ward

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ 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.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

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

(OVER)

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions _____

_____

_____

_____

Dated this 2nd day of September, 1954.

Garland Shepherd [Seal]

Hazel Shepherd [Seal]

_____ [Seal]

Route 4
Franklin N.C.

Elmore Mine - DMEA-3469. Contract for rehabilitating existing 60 ft. shaft, constructing toolhouse, powder and exploder magazines, sinking 30 ft. of additional shaft, and driving 75 ft. of drifts and crosscuts for a cost of $5,064.00.

Looking N 30° E. at shaft collar.

September 1, 1954

Mr. A. Ward
Franklin
North Carolina

Subject: DMEA-3469
Re: Exploration Assistance
Elmore Mine

Dear Sir:

The receipt of your application dated August 18, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3469 and referred to the Non-Metallic Minerals Division.

Kindly refer to in any future correspondence relating to your application.

Sincerely yours,

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

Memorandum

August 27, 1954

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region VII

Subject: Application of A. Ward, Franklin, N. C. on the Elmore Mine (mica)

Transmitted are the original and two copies of the subject application, together with three copies of the applicants' lease, the original and four copies of Owners Consent to Line and two copies of a plat of the property.

We have requested the applicant to furnish us a new description together with new Owners Consent to Lien forms.

Wm. A. Beck

Wm. A. Beck

August 27, 1954

Mr. A. Ward
General Delivery
Franklin, N. C.

Dear Mr. Ward:

Your application for Exploration aid on the Elmore Mine was received today and is being sent to Washington.

Before anything can be done on this application, a better description of the property will have to be given. This should show the bearings and distances of each side of the proprty, and give the approximate acreage.

We are enclosing seven copies of the Owners Consent to Lien form - please insert new discription of the property and have the owners of the property , Mr. and Mrs. Shepherd sign them in ink - "Garland Shepherd" and "Hazel Shepherd", and give their mailing address after their name. Return the original and five copies to this office and give Mr. Shepherd one copy.

Yours very truly,

Wm. A. Beck, Acting
Executive Officer, DMA, Region VII

W/B/zm

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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

Not to be filled in by applicant

Docket No. 3469
Metal or Mineral MICA
Date Received
Estimated Cost $9,153
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: A. WARD, Franklin, N. C.

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

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

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

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

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

(*b*) State any mine name by which the property is known. Elmore Mine

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

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

(*e*) If you own the land, describe any liens or encumbrances on it does not apply

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

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

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

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

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

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

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

.....

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated August 18, 1954, 195...

A. Ward
(Applicant)

By.....

.....

.....

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

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

ADDITIONAL INFORMATION, APPLICATION FOR AID

IN AN EXPLORATORY PROJECT

(Supplemental to Form MF-103)

4. Physical description. (a) This property has been worked for strategic ruby mica during World War II by Jim Guest. (See attached map) There are no buildings on the location, but there is evidence of former workings, including a small, shallow, overburdened trench in the bottom of which are several shallow shafts. When worked, this mine produced high-grade strategic ruby mica of merchantable quantity. From an examination of the premises, this applicant is of the opinion that the wrong area of the rock formation was mined, that the chief mica vein was missed.

(b) See (a) Mine not now in production. Vein outcroppings show promising signs of the highest grade.

(c) No geological or engineering reports available. Attached sketch gives the features of the property showing type of deposit to be of vein form of the type best mined by shaft and drift operation. Terrain is of the sloping nature with outcroppings; physical features do not handicap mining operations.

(d) Project very accessible, good road from project site to Franklin, North Carolina, 5 miles away. Residence facilities in the immediate area.

(e) Man power available in any quantity desired; water and power available at the project site. Equipment, materials, and supplies all available from Franklin, N. C.

5. (a) Exploration would be for mica and its allied minerals.

(b) See attached sketch. It is proposed that an 80-foot shaft, 5 feet wide and 7 feet long, be sunk to the immediate west of the trench above referred to. This shaft would be about midway this trench and then 100 feet of drift to be fanned out from the bottom thereof, one such drift to go back under the old trench.

(c) The work will start within 15 days and be completed within 4 months from the date of an exploratory project comtract.

(d) The applicant has had lifetime experience in the type of work proposed here and is planning to hire laborers with similar experience.

6. a No independent contracts.

(b)-(h) Labor (computed on 75 working days)

Supervisor @ $15 per day	$1125.00
Foreman @ $12 per day	900.00
Three laborers @ $8 each per day	1800.00
Payroll taxes	76.00
Bulldosing 10 hours @ $10 per hour	100.00
Hoist shed	150.00

Tool shed	$ 300.00
Explosives shed	125.00
Hoist rental	270.00
Compressor and jackhammer rental	600.00
Water pump	425.00
Electrical line and wiring installation	400.00
Hoist line	50.00
Air Hose	75.00
Muck car, rail and line	375.00
Shovels, picks, buckets, etc.	250.00
Explosives, caps, fuses and miscellaneous	850.00
Timbering material	325.00
Safety equipment and protective clothing (5 men)	125.00
Contingences (10%)	832.00
TOTAL	$9,153.00

7. (a) yes
   (b) Share will be furnished by way of equipment and labor.

NORTH CAROLINA
MACON COUNTY

THIS LEASE AGREEMENT, Made and entered into this the 26th day of June, 1954, by and between GARLAND SHEPHERD and wife HAZEL SHEPHERD, of Macon County, North Carolina, parties of the first part, hereinafter designated as lessors, and A. WARD, of said County and State, hereinafter designated as lessee, party of the second part,

WITNESSETH:

That the said parties of the first part do hereby lease unto the party of the second part, his heirs and assigns, the mica and mica mining privileges upon a certain tract or parcel of land in Millshoal Township, Macon County, North Carolina, known as the Elmore Branch mine, the boundary of land which this lease covers being described as follows:

> BEGINNING at a large black oak, Garland Shepherd's Southeast corner, and a corner of the Bob Taylor land, runs Southwest with Bob Taylor's line 250 feet; then straight down the hill Westward to the road; then Northwestward with the road to a point in front of Garland Shepherd's house; then Northeastward to the edge of the field; then to the BEGINNING.

This lease is made upon the following terms and conditions:

1. The lessee agrees to pay to parties of the first part a royalty of 12½% of the gross selling price of all mica recovered from said property, and all royalty payments shall be due and payable within ten days from the date of sale.

2. Lessee agrees to keep a record of all sales which shall be open for inspection of lessors at all times.

3. The duration of this lease shall be three (3) years from the date hereof, but it is understood and agreed that at the expiration of said three (3) years the party of the second part shall have the right to renew the same for an additional period of two (2) years, provided all the terms and conditions of this lease have been complied with.

4. As a part of this lease, lessors give to lessee the necessary right of way to build such roads upon said property as may be necessary for the installation of machinery and the proper operation of mines.

5. It is understood and agreed between the parties hereto that lessee will begin mining operations within one hundred and twenty days from the date hereof.

6. It is agreed between the parties hereto that the party of the second part shall operate said mine in a workmanlike manner, and if he should fail to actively operate said mine for as long as a period of ninety (90) days, that all his rights hereunder shall terminate.

7. It is also understood and agreed that lessee shall furnish all of the timber, and shall operate said mine from a shaft and not from an open cut, and that no dirt shall be deposited closer than two hundred feet to lessors' house, and lessee agrees to immediately pay for all damage caused to lessors' buildings or fences on account of his mining operations.

TO HAVE AND TO HOLD said mica and mining privileges herein set forth according to the terms hereof, unto the said A. Ward to his only use and behoof.

IN TESTIMONY THEREOF, the said parties of the first and second parts have hereunto set their hands and seals the day and year first above written.

(SIGNED) Garland Shepherd (SEAL)

(SIGNED) Hazel Shepherd (SEAL)

(SIGNED) A. Ward (SEAL)

NORTH CAROLINA
MACON COUNTY

Personally appeared before me this day GARLAND SHEPHERD and wife HAZEL SHEPHERD, and A. WARD, who acknowledged the due execution of the foregoing lease agreement for the purposees therein expressed.

WITNESS my hand and Notarial seal, this 8th day of July, 1954.

(SIGNED) Cecile Gibson
Notary public, Macon County,
North Carolina

My commission expires December 22, 1955

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of NORTH CAROLINA, County of MACON, described as follows:1/ BEGINNING at a large black oak, Garland Shepherd's Southeast corner, and a corner of the Bob Taylor land, runs Southwest with Bob Taylor's line 250 feet; then straight down the hill Westward to the road; then Northwestward with the road to a point in front of Garland Shepherd's house; then Northeastward to the edge of the field; then to the BEGINNING.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ A. WARD, an individual

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ 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.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

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

(OVER)

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions None

Dated this 17th day of August, 1954.

Garland Shepherd [Seal]

Hazel Shepherd [Seal]

[Seal]

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of NORTH CAROLINA, County of MACON, described as follows:1/ BEGINNING at a large black oak, Garland Shepherd's Southeast corner, and a corner of the Bob Taylor land, runs Southwest with Bob Taylor's line 250 feet; then straight down the hill Westward to the road; then Northwestward with the road to a point in front of Garland Shepherd's house; then Northeastward to the edge of the field; then to the BEGINNING.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ A. WARD, an individual

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ 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.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

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

(OVER)

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions None

Dated this 17th day of August, 1954.

Garland Shepherd [Seal]

Hazel Shepherd [Seal]

[Seal]

OWNER'S CONSENT TO LIEN

MF-203
(Revised July 1

The undersigned, as owner, co-owner, lessor, or seller has an interest in certain

State of NORTH CAROLINA, County of MACON, described as

BEGINNING at a large black oak, Garland Shepherd's Southeast pr and a corner of the Bob Taylor land, runs Southwest with Taylor's line 250 feet; then straight down the hill Westward the road; then Northwestward with the road to a point in front Garland Shepherd's house; then Northeastward to the edge of the field; then to the BEGINNING.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ A. WARD, an individual

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ 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.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

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

(OVER)

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions None

Dated this 17th day of August, 195[illegible].

Garland Shepherd [Seal]

Hazel Shepherd [Seal]

[Seal]

Interior—Duplicating

Washington, D. C.

64443

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of [illegible], County of [illegible], described as follows:1/ [illegible] at a large black oak, Garland Shepherd's Southeast corner, and a corner of the Bob Taylor land, runs Southwest with Bob Taylor's line 260 feet; then straight down the hill Westward to the road; then Northwestward with the road to a point in front of Garland Shepherd's house; then Northeastward to the edge of the field; then to the [illegible].

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ A. [illegible], an individual

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ 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.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

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

(OVER)

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions None

Dated this 17th day of August, 1954.

Garland Shepherd [Seal]

Hazel Shepherd [Seal]

[Seal]

1 set

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of [redacted], County of [redacted], described as follows: 1/ [redacted]

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ [redacted]

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ 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.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

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

(OVER)

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

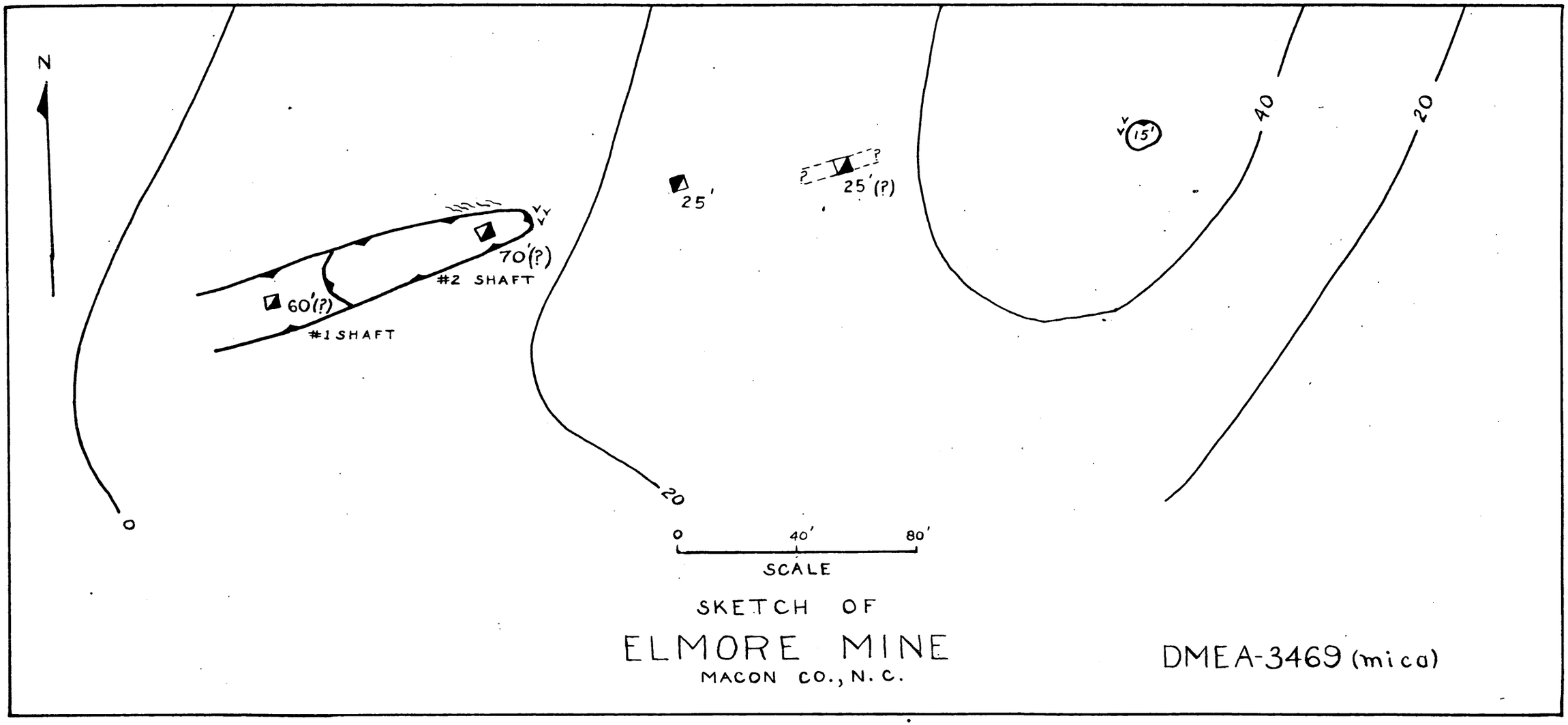
4. Changes and added provisions None

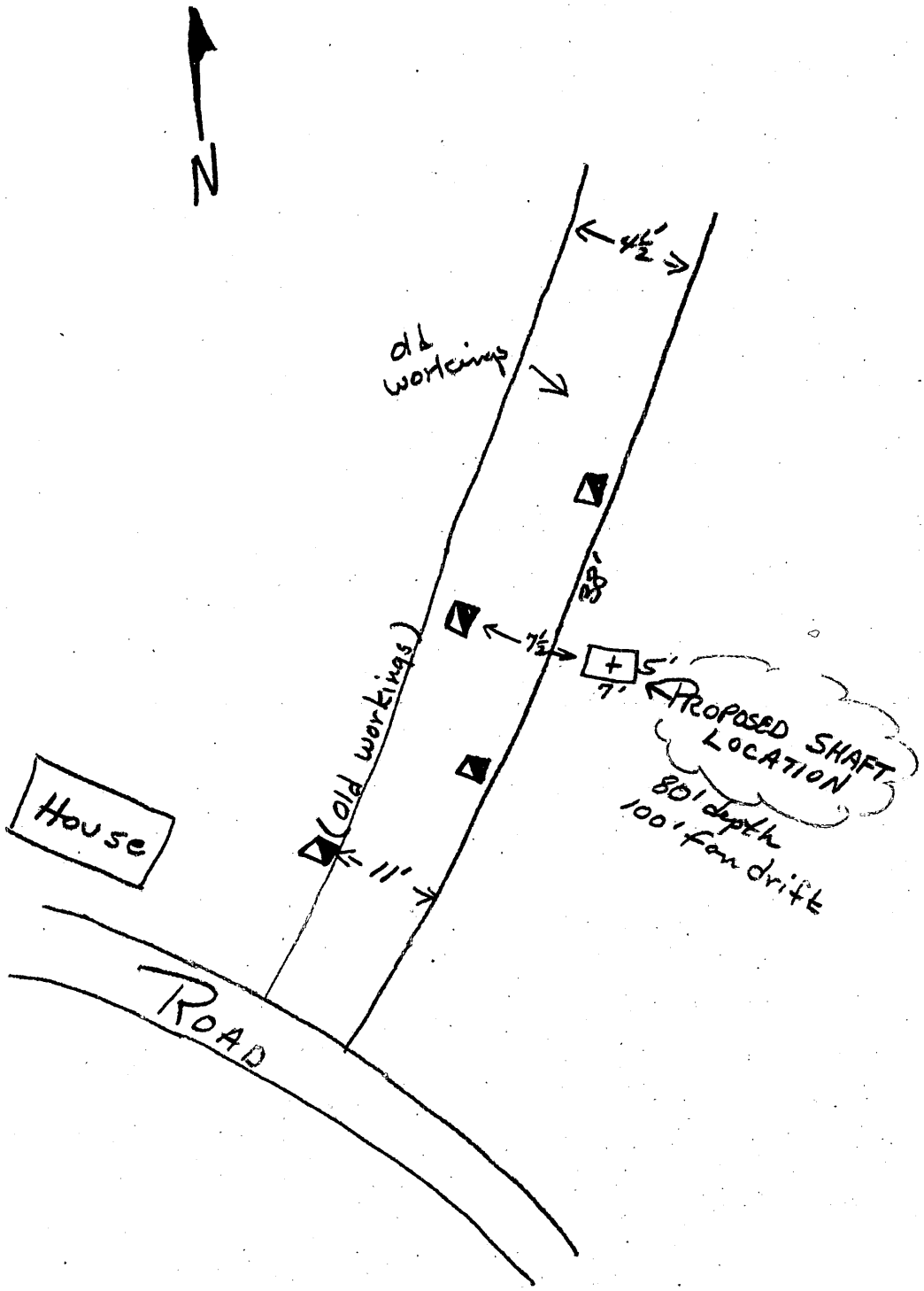
Dated this 17th day of August, 1954.

Garland Shepherd [Seal]

Hazel Shepherd [Seal]

[Seal]


N
0
20
40
20
15'
25'
25'(?)
?
?
70'(?)
#2 SHAFT
60'(?)
#1 SHAFT
0
40'
80'
SCALE
SKETCH OF
ELMORE MINE
MACON CO., N.C.
DMEA-3469 (mica)



Elmore Mine Project MACON Co., N.C.

A. WARD

EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

U. S. GEOLOGICAL SURVEY
SOUTH 157 HOWARD ST.
SPOKANE 4, WASHINGTON

AG 27 7 PM 1954

AG 27 1954

9-160 C
RETURN IF NOT DELIVERED
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, $300
(GPO)

OFFICIAL BUSINESS

Mr. George C. Selfridge
Chairman, Operating Committee
Defense Minerals Exploration Administra.
Department of the Interior
Washington 25, D. C.

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

F L Kessler

Project Summary Report

By: Walter C. Anderson October 6, 1955

1. Docket No. DMEA-3469 - Mica
Contract No. Idm-E737
Elmore Mine
Macon County, North Carolina

Application: Form MF-103 (April 1952) received August 30, 1954.
Work proposed: 80 feet of shaft and 100 feet of drifts.
Amount requested - $9,153.00.

Operator: A. Ward
Franklin, North Carolina

Operator's property rights:
Mining lease for three years dated June 26, 1954, on the Garland and Hazel Shepherd property.
Owner's Consent to Lien (July 1, 1954) dated Sept. 2, 1954.

2. Contract: Form MF-200A (June 1954) dated November 18, 1954.

Work authorized:

Rehabilitate existing 60 feet of shaft @ $20.00/ft.	$1,200.00
Construct toolhouse, powder & exploder magazines	114.00
30 feet of additional shaft @ $50.00/ft.	1,500.00
75 feet of drifts and/or crosscuts @ $30.00/ft.	2,250.00
Total estimated cost of project	$5,064.00
Government participation @ 75%	$3,798.00

Amendments: No. 1 - Extends completion date from 6 months to 11 months.

Work completed:

Rehabilitation 60 ft. of shaft @ $20.00/ft.	$1,200.00
Construction - Toolhouse, powder & exploder magazines	114.00
Shaft sinking - 30 ft. @ $50.00/ft.	1,500.00
18 ft. of drifts @ $30.00/ft.	540.00
Total accepted cost	$3,354.00
Government participation	$2,515.50

Work began on December 8, 1954, and stopped on May 16, 1955.
It was terminated by mutual agreement before completion on
* 7/5/55.
Field Team Final Report received on August 22, 1955.
Operator's final report - waived by the Field Team.
No equipment was purchased under the contract.

3. Audit - Report of Review issued July 20, 1955.

Accepted cost	$3,354.00
Government participation	2,515.50

4. Certification of discovery issued _____.

Mica produced during project: 7,000 pounds "mine run" mica.

Mica sold during project:

Trimmed sheet mica	29.69 lbs.	$191.50
Scrap mica	7,125 lbs.	75.11
Total		$266.61
Royalty received		$13.33

Reserves:

Strategic mica: Negligible
Non-strategic mica: Inferred 80,000 pounds

5. Comments:

How conducted - All work in which the Government participated is acceptable. Contract work was not completed because sufficient work was done to indicate the non-existence of strategic mica in the deposit.

Operation - good.

Engineering - Narrative portion of Operator's monthly reports were unsatisfactory. Failed to submit a final report.

Geological premise - The premise that strategic mica would be found in the down dip of a previously mined pegmatite did not materialize. Reserves consist principally of non-strategic mica with only a negligible amount of strategic mica.

Geological criteria upon which work was based:

1. Well zoned pegmatite 4 to 5 feet thick crosscutting the country rock, mica gneiss. Old workings extend along strike 400 feet.
2. Mica, green and light brown, up to 14 inches in size, wavy, soft and a large percentage severely ruled.
3. Past production - not known but considerable.

Criteria developed during project:

1. Unzoned pegmatite 6 feet thick, parallel to strike of foliation of the country rock, mica gneiss, but crosscuts the dip of the foliation.
2. Mica, green-colored, considerably curved and severely ruled and cracked, and some mineral stained.
3. Most mica unsalable as strategic grade.

Future possibilities: Additional exploratory work for strategic mica not warranted as work revealed reserves are negligible.

Recommendation: The DMEA Field Team recommends certifying the project because the work revealed considerable non-strategic mica. The Nonmetallic Minerals Division and the Commodity Specialists of the Bureau of Mines and the Geological Survey concur.

Walter C. Anderson

Walter C. Anderson
Nonmetallic Minerals Division

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

Mr. A. Ward
(Deceased)

Re: DMEA-3469 (Mica)
A. Ward
Elmore Mine
Macon County, North Carolina
Contract Idm-E737

Dear Mr. Ward:

By the terms of the subject Exploration Project Contract and the certification of discovery or development dated October 14, 1955, all minerals mined or produced from November 18, 1954, to November 18, 1964, were subject to the Government's royalty as set forth in said contract.

As the period during which production was subject to royalty has now expired, the Government according to its present records 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 contract. Your attention, however, is called to the provisions of the contract which require the Operator to keep and preserve certain records for the periods indicated.

Sincerely yours,

Acting Director

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
2/18	Murphey	120 m
	[illegible]	120
2/18	[illegible]	110
	[illegible]	100
		220

FEB 18 1965

Mr. and Mrs. Garland Shepherd
Route 4, Box 26
Franklin, North Carolina

Re: DMEA-3469 (Mica)
A. Ward
Elmore Mine
Macon County, North Carolina
Contract Idm-2737

Dear Mr. and Mrs. Shepherd:

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

This correspondence relates to the Owner's Consent to Lien dated September 2, 1954, executed by you under the Defense Minerals Exploration Administration program.

Sincerely yours,

George Fumich, Jr.

Acting Director

Enclosure

MMerrithew/mm
2/18/65
cc: Director's Reading File
R. A. Laurence
Docket
120M

23263

DM&A 3469

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver *ONLY* to addressee ☐ Show address where delivered

(Additional charges required for these services)

RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE *(must always be filled in)*

Garland Shepherd

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

George Shepherd 3469

DATE DELIVERED

2-1-56

SHOW WHERE DELIVERED *(only if requested)*

C55—16—71548-5—F GPO

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

February 11, 1965

Re: DMEA-3469 (Mica)
A. Ward
Elmore Mine
Macon County, N.C.
Contract Idm-E737

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Mr. Garland Shepherd
Box 86
Route 4
Franklin, North Carolina

Dear Sir:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

George C. Selfridge

George C. Selfridge, Chief
Division of Exploration Operations

OFFICIAL COPY
O. M. E.
RECEIVED
FEB 17 1965

INITIALS	CODE
	800
	100
	110
	120
	120

DMEA-3469
Idm-E737

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. From April 18, 1964, to November 18, 1964 ~~Since~~ , has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

2. From April 18, 1964, to November 18, 1964 ~~Since~~ , has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity	Estimated Grade	Location
Ore	Tons		
Concentrates	Tons		
Other	Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name Garland Shepherd Title

Address Route 4 Box 86 Date Feb. 13, 1965

Franklin N.C.

4511

July 15 1965

A Ward done the last work in this mine it was closed when he quit and has rained Closed
This is the forth time I have answered your question in about one year?
get this on your Rockers and dont bother me any more

Ferdand Shepherd

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

April 15, 1964

Mr. and Mrs. Garland Shepherd
Route 4
Franklin, North Carolina

Re:
DMEA-3469 (Mica)
A. Ward
Elmore Mine
Macon County, N. C.
Contract Idm-E737

Dear Mr. and Mrs. Shepherd:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

OFFICIAL FILE COPY
RECEIVED APR 20 1964

DATE	INITIALS	
4/20		800
		100
4/20		~~110~~
		~~500~~
		220

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since January 23, 1963, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

2. Since January 23, 1963, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name Garland Shepherd Title Owner

Address Franklin NC Route 4 Box 86 Date April 18 1963

4511

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
2/4	GCS	120
"	Johnson	110
		220

FEB 4 1963

Memorandum

To: Chief, Fiscal Section, Division of Administrative Services, Office of the Secretary

From: Chief, Division of Field Operations, OME

Subject: DMEA-3469 (Mica)
A. Ward
Elmore Mine
Macon County, North Carolina
Contract Idm-E737

Enclosed for your files is the original of a Report of Royalty Review, dated February 1, 1963, on the subject contract.

George C. Selfridge (gla)

Enclosure

GCSelfridge/gla (2-4-63)
cc to: Director's Reading File
CA&A Division
Docket
G.C.Selfridge
R. A. Laurence, USGS, Reg. IV, w/cy of Report of Royalty Review dtd 2/1/63 & Orig. cy of memo dtd 2/1/63 to Chief, Div. of Field Operations from CA&A Division.
Avery Reed, USBM, Reg. IV, w/cy of each item sent to Mr. Laurence

43683

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
		220

FEB 1 1963

Memorandum

To: Chief, Division of Field Operations

From: E. D. Talbert, Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-3469 (Mica)
A. Ward
Kimore Mine
Macon County, North Carolina
Contract Idm-E737

Enclosed are the original and two copies of a Report of Royalty Review covering the subject Region IV contract. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Division of Administrative Services, Office of the Secretary; and

(b) Two copies to Region IV files.

This report is for OME record purposes only; therefore, no copy has been provided for the Operator.

As evidence of your concurrence, a copy of your memorandum transmitting the original of the report to the Department's Fiscal Section should be furnished this Division. If for any reason you do not concur, the original and both copies should be returned to this Division with your comments.

Enclosures

EDTalbert/ama 1-30-63

cc:
Docket
Director's Reading File
CA & A Division
Fiscal Section

43683

Mr. Gissinger

220

#1-INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver *ONLY* to addressee ☐ Show address where delivered

(Additional charges required for these services)

RETURN RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE *(must always be filled in)*

Isaulond Shepherd

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

Steve Shepherd

DATE DELIVERED

1-23-63

ADDRESS WHERE DELIVERED *(only if requested in item #1)*

C55—163—71548-4 GPO

3469

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

January 10, 1963

Re: DMEA-3469 (Mica)
A. Ward
Elmore Mine
Macon County, N. C.
Contract Idm-E737

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Mr. and Mrs. Garland Shepherd
Route 4
Franklin, North Carolina

Dear Mr. and Mrs. Shepherd:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This is with reference to the Owner's Consent to Lien signed by you September 2, 1954.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

OFFICIAL FILE COPY
O. M. E
RECEIVED JAN 28 1963

DATE	INITIALS	CODE
1/28		800
		120
1-29		100
1/29		~~110~~
	Griswold	~~500~~
		220

MME Form 63
Revised 3-62

DMEA-3469
Idm-E737

REQUEST FOR INFORMATION ON CERTIFIED PROJECT
AND PROJECT UNDER ROYALTY AGREEMENT

1. Since May 7, 1959, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☑

2. Since May 7, 1959, has there been any production from the land subject to the contract? Yes ☐ No ☑

A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity	Estimated Grade	Location
Ore	Tons		
Concentrates	Tons		
Other	Tons		

No work has been done since A Ward slipped

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☑

A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name Garland Shepherd Title Owner

Address R4 B86 Franklin NC Date Jan 23 1963

4511

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code

November 21, 1962

Memorandum for the Docket

From: W. R. Griswold

Subject: DMEA-3469 (Mica)
A. Ward
Elmore Mine
Macon County, North Carolina
Contract No. Idm-E737

We have received no reply to the Form MME 63 sent to the Shepherds, who signed the Owner's Consent to Lien. Form sent 8-28-62 to them since Operator (lessee) is deceased. However, in view of the Lesure memo of 5/18/61 and the Fisher memo of 6/26/62 we feel it is reasonably safe to assume that there was no production from this property during the calendar year 1962.

W R Griswold

43683

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

August 28, 1962

Re: EMRA-3469 (Mica)
A. Ward
Elmore Mine
Macon County, N. C.
Contract Edn-8737

Mr. and Mrs. Garland Shepherd
Route 4
Franklin, North Carolina

Dear Mr. and Mrs. Shepherd:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This is with reference to the Owner's Consent to Lien signed by you September 2, 1954.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

DMEA-3469
IGn-8737

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since May 7, 1959, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since May 7, 1959, has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____		
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

OME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
6/26		800
		500
		120
		110
		100
		220

June 26, 1962

Memorandum

To: The File

From: C. E. Fisher, OME Auditor

Subject: Check of Spruce Pine Mica Purchase Depot Records, June 18 - 22, 1962

During the period of June 18 to 22, 1962, I examined the purchase records of the G.S.A. Mica Purchase Depot at Spruce Pine, North Carolina, for the purpose of ascertaining any unreported production under DMEA exploration project contracts. My examination did not disclose any unreported production subject to royalty under the following contracts:

Contract No.	Docket No.	Operator	Mine Names
E- 684	3244	Alex Teague	Id Denson (Denison)
687	3256	Glenn C. Rathburn	[illegible]x, Busby Creek
692	3260	Sam L. Phillips	[illegible]. S. McKinney, McKinney No. 1
694	3199	[illegible]. B. Chrisawn	R. D. (W. H.) Westall
712	3410	Rock Mining Company	Rock
737	3469	A. Ward	Elmore
757	3559	C. E. Phillips, et al.	Sugar Dave, Ralph
762	3577	Keller Mining Co.	Oyster
805	3720	Alvin White, et al.	Howard
830	3265	Mines and Mining, Inc.	Carlow Gap
835	3813	T. B. Vance	Shuffle Vance, Red, Charlie Burleson
840	3799	J. R. Beam	Bennett, Mica Field
865	3860	Ed Boone	Goog Rock
882	3924	J. R. Beam & John Phillips	Little Ray, Pat
891	3543	Buchanan Minerals, Inc.	Buchanan, Dream
900	3942	Sam G. Smith	Doe Hill, Sam Smith
962	4147	Sam L. Phillips	Old Buchanan
1005	4239	John Phillips	Roby (Robby)
1008	4332	John Phillips	John (John's) Brown
1037	4268	Murphy Mining Co.	Murphy, Murphy Rock
1042	444[illegible]	Clifton D. Buchanan	Moore, Phillips
1089	45[illegible]4	Sam L. Phillips	[illegible] Mountain

cc: Docket
Director's Reading File
CA & A Division
Region IV Files (2)

CEFisher/aaa
6-26-62

63603

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

IN REPLY REFER TO:

OFFICIAL FILE COPY
O. M. E
RECEIVED MAY 22 1961

DATE	INITIALS	
5/23	gad	NNO
	M Leure	~~110~~
5/23		800
"	glh	500
		2-20

May 18, 1961

Report of Inspection of Certified Project

a. Ward

Elmore mine, Macon County, N.C.
DMEA 3469 E 737

No work is being done at the Elmore mine and all equipment has been removed. The dumps are weathered and partly overgrown indicating that no work has been done for several years* and probably none since the DMEA exploration.

F. G. Lesure

Date Inspected
24 April 1961

No royalty paid since July 1955.
Talbut
5/23/61

10/4/55

MME Form 18
10-60

OFFICE OF MINERALS EXPLORATION

ANALYSIS OF ANNUAL REPORT
OF CERTIFIED PROJECT OR PROJECT UNDER ROYALTY AGREEMENT

Division of Minerals prepares in duplicate, files original in official docket, and sends copy -

To: (1) Code 110 (for verification or adjustment)
(2) Code 210

		To	Report Period 5-1-61
Docket No. 3469	Operator A. Ward		Contract No. E737
ORE ESTIMATES	Original DMEA or OME (From Final Report)	Revised DMEA or OME	Found by Operator after DMEA-OME work
Analysis			
~~Tons~~ Found	80,000 lbs non-strategic mica		
Tons Produced (Ore or Concentrate)			
Previously Reported	7,000		
This Period			
~~Tons~~ Remaining	73,000 lbs.		

Comments of Analyst:

Inactive at this time

Prepared by W R Gwaunard Date 5/26/61

82444-60

[illegible] report on inactive projects, [illegible]

	IdmS	Operator	Date of [illegible]
[illegible]	734	Boone & Jarrett (Marsh Porphyry)	[illegible]
[illegible]	737	A. Ward (Elmore Mine)	
[illegible]	757	C. R. Phillips (Sugar Dave Mine)	
[illegible]	762	Keller Mining Co. (Royster Mine)	
[illegible]	814	Roy Grindstaff (Conley Mine)	
[illegible]	835	T. B. Vance (Shuffle Vance Mine)	
[illegible]	865	Ed Boone (Good Rock Mine)	
[illegible]	882	J. R. Beam & J. Phillips (Little Ray Mine)	
[illegible]	900	Sam Smith (Doe Hill Mine) * Royalty due-$27.04	
[illegible]	932	Sam Phillips (Old Buchanan)	
[illegible]	1005	John Phillips (Roby Mine)	
[illegible]	~~1042~~ 1008	John Phillips (John Prospect)	
[illegible]	977	Hawk Mining Co. (Hawk Mine)	
[illegible]	1042	Clifton D. Buchanan (Boone Prospect)	
[illegible]	1089	Sam L. Phillips (Black Mountain Pros)	

[illegible] The above listed projects were checked at the [illegible] Purchasing Depot, Spruce Pine, N. C., [illegible] the Operators or by inquiring in and [illegible]

RECEIVED SEP 21
INITIALS

[illegible] FRANKLIN, N. C. AREA

[illegible] last report

Report [illegible]				
AREA	[illegible]	[illegible]	[illegible]	[illegible]
1140	[illegible]	[illegible]	[illegible]	9/2/59
1700	[illegible]	[illegible]	[illegible]	9/2/59
2150	[illegible]	[illegible]	[illegible]	
2277	[illegible]	[illegible]	[illegible] Miners	
2293	[illegible]	[illegible]	[illegible] Minerals Inc.	
2327	[illegible]	[illegible]	A. W. Reid	
2579	[illegible]	[illegible]	Mica Industries	
2582	[illegible]	[illegible]	Zel [illegible]	
2610	[illegible]	Shell Ridge	Dixie Minerals Inc.	
2875	[illegible]	[illegible]	Latt Young	
2926	5.	[illegible]	Good [illegible] Mining Co.	
3000	[illegible]	[illegible] Gryson	[illegible] Mining Co.	
3265	[illegible]	[illegible]	Mineral Mining Inc.	
3287	[illegible]	[illegible]	[illegible] Phillips, et al.	
3469	737	[illegible]	A. Ward	
3543	[illegible]	[illegible]	[illegible] Minerals Inc.	
3720	[illegible]	[illegible]	Alvin [illegible], et al.	

Official

SEMI-ANNUAL REPORT ON CERTIFIED OR PSEUDO CERTIFIED PROJECTS

2

DATE 7/2 C CODE 220 600

INACTIVE SINCE LAST INSPECTION

Commodity : Mica

Reporting Period: January 1, 1958 to July 1, 1958

DMEA No.	Idr-E	Operator & Mine	Date Inspected
1140X	87	Pitt Mica Corp (Mary Mine)	June 25, 1958
1700X	116	Fred Cabe (Cabe No.1 Mine)	" " "
2150	156	Reid & Hooker (Reid Mine)	" " "
2277	412	Burke John Mica Mines (Burke John Mine)	" " "
2293	393	Dixie Minerals Inc. (D.H. Stephens Mine)	" 24 "
2327	476	Andrew W. Reid (May Mine)	" 25 "
2582	461	Zeb Angel (Kasson Mine)	" 24
2610	431	Dixie Minerals Inc. (Shell Ridge Mine) Pseudo	" 24 "
2687	425	Sam Phillips, et al (Ietla Bowers Mine)	" 25 "
2875	613	Latt Young (Cox Mine)	" 24 "
2926	516	The Goodmica Mining Co. (Engle Cope Mine)	" 24 "
3000	557	B.T.R. Mining Co.(Terrill Bryson mine)	" 25 "
3265	830	Mines & Mining Inc.(Farlow Gap)	" 26 "
3287	674	Sam Phillips, et al (Mud Cut & Tallent Mines)	" 25 "
✓3469	737	A Ward(Elmore Mine)	" 24 "
3720	805	Alvin White, et al(Coward Mine)	" 24 "
3543	891	Buchanan Minerals Inc(DREAM Mine)	" 24 "

Wm. A. Beck, Mining Engineer, USBM (DMEA)

DMEA
RECEIVED FEB 6 1958

DATE	INITIALS	CODE
2-6	C	220
6	Com	100

DMEA EXPLORATION PROJECT

SEMI_ANNUAL REPORT OF CERTIFIED PROJECT

DMEA-3469, Idm-E737 (mica) ELMORE MINE

Reporting Period: July 1, 1957 to January 1, 1958

Operator: A Ward, Route #5, Franklin, North Carolina

This property was visited January 23, 1958. No work had been done since the last inspection on August 9, 1957.

Wm. A. Beck, Mining Engineer
U. S. Bureau of Mines (DMEA)

2/4/58

z

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

DMEA EXPLORATION PROJECT

DMEA-3469, Idm-E737 (mica) ELMORE MINE

Reporting Period: 1-1-57 to 7-1-57

Operator: A. Ward, R#5, Franklin, North Carolina

Location: Near the head of Elmore Branch, 3.5 airline miles N42°E of Franklin, N. C.

This property was visited August 9, 1957. No work had been done since the last examination of March 19, 1957.

Wm. A. Beck, Mining Engineer
Bureau of Mines

z

OFFICIAL FILE COPY
D M E A
RECEIVED SEP 5 1957

DATE	INITIALS	CODE
9/5	C	220

DMEA EXPLORATION PROJECTS

Semi-Annual Report of Certified Projects

Reporting Period 7/1/56 to 1/1/57 Date of Examination: 3/19/57

Operator: A. Ward, Route 5, Franklin, N. C.

Mine Name: Elmore Mine

County: Macon State: North Carolina

DMEA-3469 Contract No. Idm-E737 Commodity: Mica

Date of Contract: November 18, 1954 Date of Certification 10/14/55

Expiration Date of Royalty Payments: November 18, 1964

Total Amount of Contract: $5,064.00

Total Expenditures under contract: $3,354.00

Amount of Government Participation at 75% $2,515.50

Royalty Payments this Period: None

Previous Royalty Payments: $13.33

Total Royalty paid to Date: $13.33

Percent Government Participation Repaid: 0.53%

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 29 1957

DATE	INITIALS	CODE
4/1	C	220
4/11	COM	100

Original estimate of DMEA Reserves (Field Team Final Report)

80,000 pounds of inferred reserves of nonstrategic mica are estimated between 95 and 125 foot level along the strike for 35 feet each direction from the shaft.

Production DMEA ore this period: None

Previous Production:

Type	Pounds	Amount
Sheet	29.69	$191.50
Scrap	7125.	75.11
Total	7154.69	$266.61

Production to date: Same as Previous Production

Remarks: This property was visited on March 19, 1957, by the writer. Indications were such that it appeared that no work had been done there since termination of the contract.

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

Inspected: March 19, 1957

WAB/as
cc
Laurence
Lynch

File Copy
Surname
Anderson
Houck
Talbot
Geehan
Kilsgaard
Selfridge

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

INTERIOR DEPT.
OCT 10 1955
SOLICITOR

Mr. A. Ward
Route #5
Franklin, North Carolina

OCT 14 1955

Re: Docket No. DMEA-3469 (Mica)
A. Ward
Elmore Mine
Macon County, North Carolina
Contract No. Idm-E737

Mr. F. E. Johnson
Mr. Houck
Mr. Anderson

Dear Mr. Ward:

Transmitted herewith is a certification of discovery or development related to the Exploration Project Contract No. Idm-E737, dated November 18, 1954, on the lands described in the contract.

By the terms of the Exploration Project Contract and of the Certification, all production from the land described in the contract after November 18, 1954, the date of the contract, is subject to the Government's percentage royalty as set forth in the said contract until the sum of $2,515.50 which the Government has advanced as its participating interest is repaid, or until November 18, 1964, whichever occurs first.

Clarence A. Fredell, Dr.,DM,EPS
Op. Committee
Cont. Adm.&Audit Div.
Finance Officer
Region V (2)

Payments should be made to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee. Checks should be drawn in favor of the Defense Minerals Exploration Administration. The purchaser should be advised to deduct royalties from the amount due on each shipment and forward the checks to the Executive Officer.

Royalty payments to the Government should be accompanied by suitable evidence, such as copies of settlement sheets, showing quantity and grade of the products sold, the name of the purchaser, and the price and charges, certified to be correct by the purchaser.

You are requested to notify Mr. Laurence of any changes in ownership or production rights that might affect the Government's right to its percentage royalty. Also, if production ceases at any time for an extended period, please notify Mr. Laurence at six-month intervals that such is the case.

Sincerely yours,

Frank E. Johnson (for)

ACTING Administrator

WCAnderson/er 10/5/55
Copy to: Docket
Admr R File
Mr. Geehan,3608
Mr. Kilsgaard, 5224

CC:

Enclosure

P.S.L.

Docket Copy
Surname:
Anderson
J L Kinnear
Talbot
Geehan
Kiilsgaard
Selfridge

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

OCT 14 1955

Mr. and Mrs. Garland Shepherd
Route 4
Franklin, North Carolina

INTERIOR DEPT.
OCT 10 1955
SOLICITOR

Re: Docket No. DMEA-3469 - Mica
A. Ward
Kimore Mine
Macon County, North Carolina
Contract No. Idm-K737

Dear Mr. and Mrs. Shepherd:

Transmitted herewith for your information is a copy of the certification of discovery or development issued as a result of the exploration program under the above-referenced contract.

The property as set forth in the contract is the same property referred to in the Owner's Consent to Lien, dated September 2, 1954, and signed by Garland Shepherd and Hazel Shepherd of Franklin, North Carolina.

Also enclosed is a copy of our letter to Mr. A. Ward.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

Enclosures 2

WCAnderson:gad 10/7/55
Copy to: Admr. R. File
Docket
Field Team, Region V
Operating Committee
Mr. Johnson
Mr. Chambers
Mr. Kiilsgaard, 5222
Mr. Geehan, 3608
Mr. Houk
Mr. Anderson

RC.4

Docket Copy
Surname:
Anderson
Ilkanen
Talbut
Geehan
Kiilsgaard
Selfridge

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

600

OCT 14 1955

Mr. Clarence A. Fredell, Acting Director
Materials Division
Emergency Procurement Service
General Services Administration
7th and D Streets, S. W.
Washington 25, D. C.

INTERIOR DEPT.
OCT 10 1955
SOLICITOR

Re: Docket No. DMEA-3469 - Mica
A. Ward
Elmore Mine
Macon County, North Carolina
Contract No. Idm-E737

Dear Mr. Fredell:

I am enclosing one copy of a certification of discovery or development relating to the subject contract.

The exploration contract was signed on November 18, 1954, with the Government participating to the extent of 75 percent of $5,064.00 or $3,798.00. Project work commenced on December 8, 1954, and ended on May 16, 1955. An audit review of the expenditures after the work was completed showed a total cost of $3,354.00 with Government participation at 75 percent or $2,515.50.

The work performed on this project consisted of constructing a toolhouse, powder and exploder magazines, rehabilitating 60 feet of shaft, sinking the shaft an additional 30 feet, and driving 18 feet of drifts. The shaft and the drifts were confined to the pegmatite. The project work exposed an unzoned pegmatite about six feet thick. Sufficient data were obtained from the project work to calculate the following reserves:

Strategic mica -	Negligible
Non-strategic mica, inferred -	80,000 pounds

The DMEA is of the opinion that the project work was of definite benefit to the property and, therefore, we have certified that a discovery or development resulted from the work.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

Enclosure

WCAnderson:gad 10/6/55

Copy to: Admr. R. File
Operating Committee
Mr. Geehan
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Johnson
Docket
Mr. Houk
Mr. Chambers
Mr. Anderson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 45 POST OFFICE BLDG.
WASHINGTON 25, D. C.
KNOXVILLE 2, TENN.

RECEIVED
OCT 10 1955

October 6, 1955

Memorandum

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

From: Executive Officer, DMEA - Region V

Subject: Termination agreement, DMEA-3469, Idm-E737 (mica)
A. Ward, Franklin, N. C. Elmore Mine, Macon County, N. C.

Enclosed are the Government and Docket copies of the subject agreement, received in the mail today. Mr. Ward did not return the Division copy, but we are enclosing a photoprint copy which may serve in its place.

Robert A. Laurence

Robert A. Laurence

Docket Copy
Surname:
Anderson
Kasum
Yoder
Nelson
Selfridge
Mathews

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

SEP 29 1955

Anderson X-2974
Room 4451

Interior
Defense Minerals Exploration Administration
14X4401(01) Revolving Fund, Defense Production Act,
Interior (Allocated Working Fund to the Office of the Sec.)

TELETYPE

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

Reurmemo September 13, 1955, and ourlet September 7, 1955, DMEA-3469, A. Ward. Please take necessary steps to obtain and forward the executed termination agreement.

George C. Selfridge

George C. Selfridge
Chairman, Operating Committee, DMEA

MCAnderson:gad 9/28/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson
Confirmation Copy

R.C.L.

September 29, 1955

Mr. Robert A. Laurence, Knoxville, Tenn. calling Mr. F. L. Knouse

Re: Docket No. DMEA-3469 - Mica
A. Ward
Elmore Mine
Macon County, North Carolina
Contract No. Idm-E737

Mr. Anderson: A termination agreement was mailed to you some months ago. As yet we have not received our copies of the executed agreement. We wish to have these so we can proceed with certification of the project.

Mr. Laurence: We have requested these forms from the operator but so far he has not complied. He is busy on the Harris Mine. Teague will be over there next week. You can't get anything out of these fellows by writing. I will have Teague see him next week. I believe that is best.

Mr. Knouse: Ok.

FLKnouse:gad 10/3/55
Copy to: Docket
Division

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

RECEIVED
SEP 15 1955

September 13, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V

Subject: DMEA-3469, Idm-D737, (mica) A. Ward, Franklin, N. C.
Elmore Mine, Macon County, N. C.
Reference: Your letter of September 7, 1955

Mr. Ward says that he gave the executed termination agreements to Milton Burleson to mail to this office. We have not received them. Mr. Teague will check again with Mr. Ward and Mr. Burleson when he is in Franklin next week.

As to Mr. Ward's final report, we do not think a report prepared by Mr. Ward would add anything that is not in his monthly narratives, therefore we favor waiving the requirement for a final report. On these small contracts, which are inspected every two weeks by our geologists and engineers, the Operator's report seldom adds any useful information and in such cases we usually waive the requirement.

Robert A. Laurence
Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

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

Docket File
Surname:
Anderson
Houk
Selfridge
Ottendorff

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

SEP - 7 1955

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

Subject: Docket No. DMEA-3469 - Mica
A. Ward
Elmore Mine
Macon County, North Carolina
Contract No. Idm-E737

Dear Mr. Laurence:

Reference is made to the subject contract for exploration assistance at the Elmore Mine, Macon County, North Carolina.

On June 30, 1955, we transmitted to you the original and five copies of a Termination Agreement for signature by you and the Operator. We have not yet received our executed copy. Also we have not received the Operator's final report.

We will appreciate receiving these documents, so that we may complete the certification of the project.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (SHB)

Approved:

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

/s/ N. E. Nelson (SHB)
Member, Geological Survey

WCAnderson:pk 9/2/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
~~XXXXXXXXXX~~
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson

R.G.L.

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

RECEIVED
AUG 31 1955

August 29, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3469 (mica)

Applicant: A. Ward

Name and Location of Property: Elmore Mine, Macon County, N. C.

Contract Number: Idm-E 737

Date of Field Team Report: 8/18/55

Date Rec'd by Br. of Ceramic & Fertilizer Materials: 8/25/55

Field Team Recommendation: Recommend certification of discovery.

Comments:

1. Non-strategic mica was recovered during DMEA exploration.

2. Expenditures -

Total approved	$ 5,064.00
Total cost	3,354.00
Gov't share of the cost	2,515.50
Value of production during operation	266.61

Recommendation: I concur with the field team's recommendation for certification of discovery of non-strategic mica.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

RECEIVED
AUG 30 1955

August 29, 1955

Re: DMEA 3469, Idm-E737
A. Ward
Elmore Mine
Macon Co., N. C.
$3,354 - Mica

Memorandum

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

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

Subject: Review of Final Field Team report.

The work was stopped before the project outlined was completed due to failure to find strategic mica. The contract was terminated by mutual agreement effective May 16, 1955. Considerable scrap mica, some of which was sold at 1.05 cents per pound, was developed.

Eighty thousand pounds of inferred reserves are taken to exist between the 95 and 125 foot level and along the strike for 35 feet in each direction from the shaft. The 7,154.69 pounds of mica sold averaged 3.7 cents per pound. The 80,000 pounds of like material, at the same rate, is hardly worth mining at this time.

I concur with the recommendation that a certification of discovery be issued.

N. E. Nelson

N. E. Nelson

C

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1-0-1 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

August 18, 1955

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Final Report - DMEA-3469, Idm-E737 (mica) A. Ward, Elmore Mine, Macon County, N. C.

Enclosed are four copies of the subject final report.

Please note that certification of discovery is recommended because of the discovery of considerable non-strategic mica.

V. J. Lynch
V. J. Lynch, Acting
EXECUTIVE OFFICER
DMEA REGION V

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

RECEIVED
AUG 2 1955

Reviewed by
DMEA OPERATING COMMITTEE
8-26-55
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
FIELD TEAM, REGION V

On

DMEA-3469, ELMORE MINE (mica)
Macon County, N. C.

Final Field Exam Rpt.

By

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

and

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

RECEIVED
AUG 2 5 1955

August 18, 1955

Reviewed by
DMEA OPERATING COMMITTEE
8-26-55
(date)

EXPLORATION PROJECT CONTRACT

FINAL REPORT
On

DMEA-3469, Idm-E737, ELMORE MINE (mica)

Operator: A. Ward, Route # 5, Franklin, North Carolina

Location: Near the head of Elmore Branch, 3.5 airline miles N. 42° E of Franklin, Macon County, N. C.

Exploration of a pegmatite downdip from a previous mining operation at this mine failed to discover a deposit of strategic mica, but did reveal considerable non-strategic mica. It is recommended that a certification of discovery be issued. Additional exploratory work for strategic mica is not warranted.

Work began on the contract December 8, 1954 and ended May 16, 1955. A toolhouse, powder magazine and exploder magazine were constructed. An existing 65.5-foot vertical shaft was cleaned out, trimmed and timbered (5.5 feet was done at the Operator's expense). From the bottom of this shaft 30 feet of new incline were sunk in a S. 25° E direction (see attached sketch map). At a point 4 feet above the bottom of this incline a drift was driven 18 feet in a N. 65° E. direction. The mica recovered from this drift was not of strategic quality, thus, the contract was terminated by mutual agreemant effective May 16, 1955.

A pegmatite about 6 feet thick is exposed in the lower part of the incline and in the drift. It strikes about N. 65° E and dips 65-70° to the southeast. The body is parallel to the strike of the foliation of the enclosing wall rock, biotite gneiss, but crosscut the dip of the foliation. This latter dip is steep to the northwest. The pegmatite consists of plagioclase, quartz, muscovite and pyrite. About 25 percent of the body consists of muscovite books of large sizes, blocks having a diameter of one foot being common. No zonal arrangement is apparent.

About 7000 pounds of "mine-run" mica were recovered from the lower portion of the incline and from the drift. The mica is green-colored, considerably curved and severely ruled and cracked. Some is mineral stained. Most of the mica was rejected by the GSA Depot at Spruce Pine as being of non-strategic grade.

A summary of the mica sold from the work done under the contract is as follows:

Reviewed by
DMEA OPERATING COMMITTEE
8-26-55
(date)

Trimmed sheet mica	29.69 lbs.	$191.50
Scrap mica	7125 lbs.	75.11
	Total	$266.61

Reserves of strategic mica revealed by the work done under the contract are negligible. About 80,000 pounds of inferred reserves of non-strategic are estimated between the 95- and 125-foot level along the strike for 35 feet each direction from the shaft.

Expenditures:

(a)	Total approved	$5,064.00
(b)	Total cost of project	3,354.00
(c)	Government's share of cost	2,515.50
(d)	" " enexpended	1,282.50
(e)	Value of production during opr.	266.61
(f)	Royalty received to date	13.33

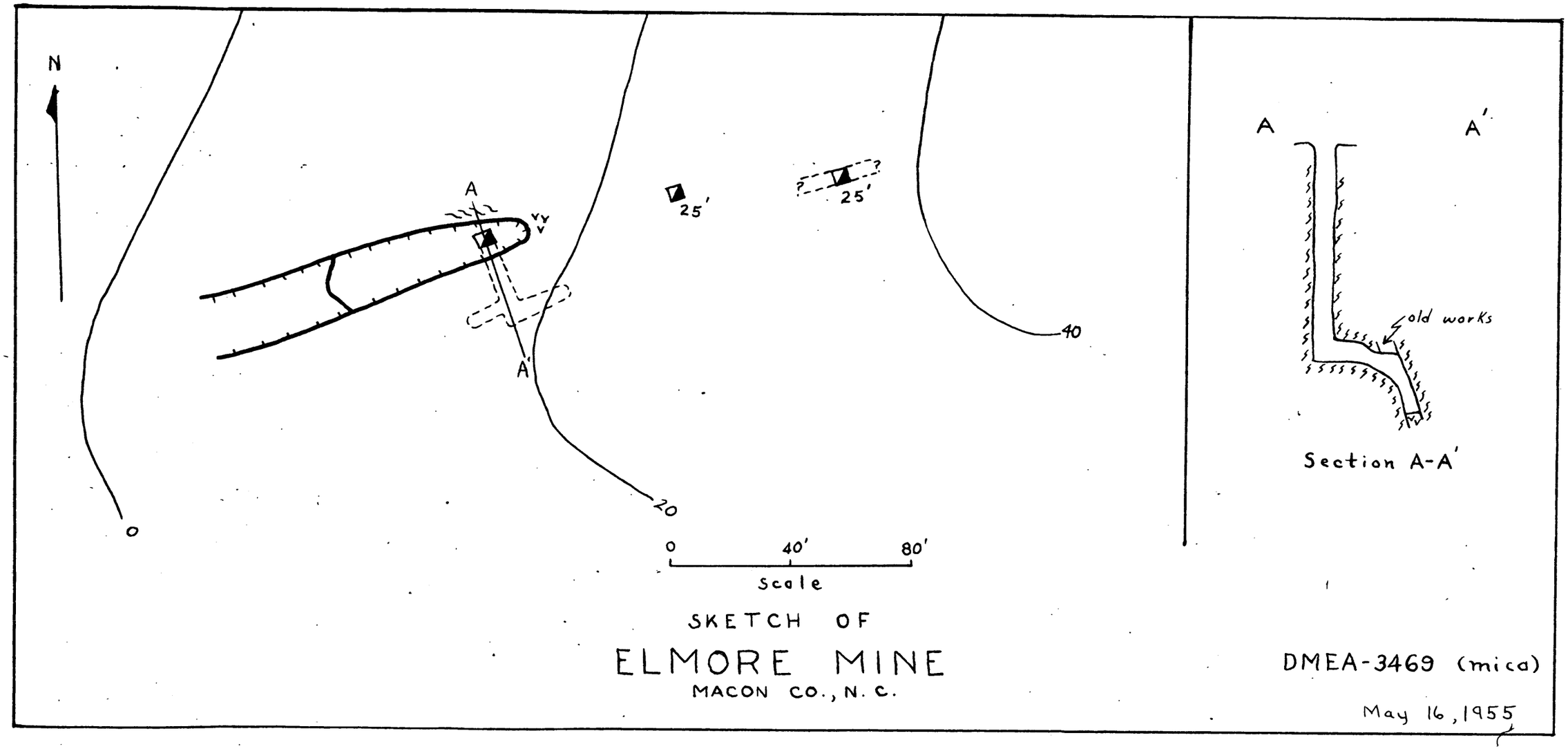
The work completed under the contract was done in an efficient and satisfactory manner.

No equipment was purchased under the contract.

August 18, 1955

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

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



SKETCH OF

ELMORE MINE

MACON CO., N. C.

DMEA-3469 (mica)

May 16, 1955

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

RECEIVED
JUL 27 1955

July 25, 1955

Ck until check

Memorandum

To: Helen Miller, Ad[illegible] Administrative Officer, Region V

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty payment: Ica-[illegible]737, DMEA-3469, A. Ward - N. C. Elmore Zone, Iron County, N. C.

Transmitted is a list of ores sold from the subject mine in the amount of $2[illegible]0.31, and a check No. 93, representing 5% royalty in the amount of $[illegible]3.33.

Robert A. Lawrence

Ch
cc:
Attorney
Grant
Miller
Mason
Miles

H. L. Larkson

Need settlement sheets -

Watch for & check with Lawrence

COPY

RECEIVED
JUL 27 1955

Spruce Pine, North Carolina

July 21, 1955

MICA SOLD FROM ELMORE MINE UNDER U. S. GOVERNMENT MINING LOAN

February 23, 1955	Trimmed Mica Old U. S. Depot	12#	$88.32
February 18, 1955	Scrap Mica sold to Franklin Products Franklin, N. C.	3115#	14.92
April 20, 1955	Scrap mica sold Franklin Products	1040#	15.64
May 18, 1955	" " " " "	2970#	44.55
May 31, 1955	Trimmed " sold U. S. Depot,	17.69#	103.18
	Total mica sold.....		$266.61
	5% payment on loan		13.33

Check No.93 enclosed - $13.33

The original contract for footage loan failed to get to the writer's office and my partner so far has been unable to locate it so am making out copy of our sales and enclosing check for 5% of our sales to apply on the loan.

This may not meet your requirements. If not, please forward forms and outline of what is needed to complete requirements and we will fill in and forward.

Very truly yours

ELMORE MINING CO.

s/ M. E. Burleson

COPIED

MM.
cc:
Lynch
Mittendorf

Docket Copy
Surname:
Anderson
Houk
Chamberlin
Selfridge
Hedges
Kiilsgaard

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

600

JUN 30 1955

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

Subject: Docket No. DMEA-3469 - Mica
A. Ward
Elmore Mine
Macon County, North Carolina
Contract No. Idm-E737

Dear Mr. Laurence:

Reference is made to Field Team memorandum of June 21, 1955, requesting permission to terminate the subject contract by mutual agreement.

We have prepared and enclosed herewith the original and five copies of a Termination Agreement for your signature. If it meets with your approval please sign it in behalf of the Government and present it to the Operator for approval and signature.

After execution of the Termination Agreement, the copies are to be distributed in the usual manner.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JHB)

Approved:

J. H. Hedges (JHB)
Member, Bureau of Mines

Thor H. Kiilsgaard (JHB)
Member, Geological Survey

Enclosures 6

WCAnderson:gad 6/29/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5222
Mr. Houk

R.C.G.

Docket Copy
Surname:
Anderson

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

June 24, 1955

Memorandum

To: Mr. John L. Hofflund

From: Nonmetallic Minerals Division

Subject: Termination Agreement - Docket No. DMEA-3469 - Mica
A. Ward
Elmore Mine
Macon County, North Carolina
Contract No. Idm-E737

Please prepare termination agreement to the subject contract to be signed in behalf of the Government by the Executive Officer, DMEA Field Team, Region V, pursuant to request in Field Team memorandum of June 21, 1955.

Certification of discovery or development will be recommended.

Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 6/24/55
Copy to: Admr. R. File
Docket
Mr. Houk

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

RECEIVED
JUN 23 1955

June 21, 1955

Memorandum

To: Operating Committee, DMEA, Washington 25, D. C.

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

Subject: DMEA-3469, Idm-E737 (mica) A. Ward, Franklin, N. C.
Elmore Mine, Macon County, North Carolina

With further reference to your letter of June 13 to Mr. Laurence, concerning subject contract, the field examiners report as follows:

The inclined shaft was sunk 30 feet below the bottom of the old shaft, and the drift was started at 26 feet, leaving a 4-foot sump.

On May 16, 1955, Mr. Ward asked permission to stop work but not to terminate the contract until the grade of mica taken from the drift could be determined. Permission was granted and when the mica was taken to the Buying Depot at Spruce Pine, it was rejected as sub-strategic grade. Nothing would be gained by continuing the project, and we therefore request permission to terminate the contract by mutual agreement as of May 16, 1955.

Certification will be recommended on the basis of discovery of considerable non-strategic mica.

V. J. Lynch

V. J. Lynch
Acting Executive Officer
DMEA Field Team, Region V

D. H. Amos

D. H. Amos, Geologist
U. S. Geological Survey

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

RECEIVED
JUN 17 1955

June 15, 1955

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: DMEA-3469, Idm-E737 (mica) A. Ward, Franklin, N. C.
Elmore Mine, Macon County, N. C.

Reference is made to your letter of June 13.

It is our understanding that the drift was turned off at 91.5-foot level, which is 26 feet below the bottom of the old shaft, and that there is a 4-foot sump, thus accounting for 30 feet of new shaft sinking under the contract.

At the time of the field examiners' May 16 inspection, Mr. Teague advised stopping the work, which the Operator did. However, very shortly afterwards, the Operator phoned and requested that it be kept open for a while , because of new information which made the deposit look better. We agreed to this and therefore did not request termination, at least not until Mr. Teague or Mr. Amos could re-visit the mine. Therefore, the Operator's May voucher may or may not be the final one, depending upon what Mr. Teague reports.

We will advise you as soon as any new information is available.

Robert A. Laurence
Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

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

Docket Copy
Surname:
Houk
Talbert
Selfridge
Yeferman
Mitchenoff

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

JUN 13 1955

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

Subject: Docket No. DMEA-3469 - Mica A. Ward
Elmore Mine
Macon County, North Carolina
Contract No. Idm-E737

Dear Mr. Laurence:

Reference is made to the subject Contract No. Idm-E737, Macon County, North Carolina.

A study of the Operator's Monthly Reports and Vouchers for February, March, and April 1955, shows that thirty feet of shaft sinking has been claimed and payment of the Government's participation has been made on that basis. However, the Inspection Report of May 2, 1955, shows the inclined shaft at 26 feet. Please advise this office which of the above figures is correct.

It is noted from the Operator's description of the work accomplished during the month of May that he was advised to discontinue work as of May 16, 1955. In a memorandum of May 27, 1955, from Helen R. Miller to Jay L. Chambers it is stated that the sixth and final payment was made on May 26, 1955, and the project was completed on May 16, 1955. We would be pleased to receive your recommendations on termination of the subject contract.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JHB)

Approved:

J. H. Hedges (JHB)
Member, Bureau of Mines

Thor H. Kiilsgaard (JHB)
Member, Geological Survey

LGHouk:gad 6/10/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5222
Mr. Houk

R.C.L.

Office of the Chief
Atomic Energy Commission
RECEIVED
MAY 31 1955

Region V

P. O. Box 217
May 27, 1955

Memorandum

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

From: Administrative Assistant, Electrotechnical Experiment Station, Norris, Tennessee

Subject: Monthly reports and vouchers

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

Idm-E-757
A. Ward
DMEA Docket No. 3469
6th and final payment - month of May
Amount $405.00
Completed: 5/16/55

Idm-E-756
Ernest Crowder
DMEA Docket No. 3549
4th and final payment - month of April
Amount $1117.50
Completed: 5/2/55

Idm-E-755
Paul Gille
DMEA Docket No. 3510
3rd payment - Month of April
Amount $480.98

Helen R. Miller

Attachments 6
/hm
Copies to R. A. Laurence
V. J. Lynch
Norris files
Day Files

Pard footage (shift)
and datum report do
not agree.

[illegible]

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 84

RECEIVED MAY 31 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1955 Docket No. DMEA 3469 Contract No. Idm E-737
Operator's Name A. WARD Minerals Mica
Address Rt #5, Franklin, N.C.
Contract Amount, $ 5064.00 Government Participation: 75% Amount, $ 3798.00

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~~ Penetrate Shaft		1200.00	1200.00			
~~Bulldozing~~ Sinking Shaft		1500.00	1500.00			
Crosscutting						
Drifting	540.00		540.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
~~Rental~~ Tool house		76.00	76.00			
~~Purchase~~ Powder Mag.		25.00	25.00			
~~Depreciation~~ Exploder "		13.00	13.00			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	540.00		3354.00	540.00	2814.00	3354.00

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

Date 5/21/55 *Payee A. WARD

Per Harold Moore ~~Title~~

*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. Miller
(Authorized Certifying Officer)

Date 5-26-55 Vou. No.
(See other side)

13500

(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. ..... in accordance with the terms of the contract.

Signature V. J. Lynch Title Mining Engineer Date MAY 25 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lemmenier Title EXECUTIVE OFFICER DMEA REGION V Date MAY 25 1955

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 31 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1955 Docket No. DMEA 3469 Contract No. IdmE-732
Operator's Name A. WARD Minerals Mica
Address RFD 5, Franklin, 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.	540.00	18	540.00	18	30.00	75	30.00
Crosscutting								
Raising								
Shafts Rehabilitate	Ft.			1200.00	60	20.00	60	20.00
~~Winzes~~ Sinking Shaft	Ft.			1500.00	30	50.00	30	50.00
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Toolhouse	I			76.00	I	76.00	I	76.00
~~Trenching~~ Powder Mag.	I			25.00	I	25.00	I	25.00
~~Test Pits~~ Exploder "	I			13.00	I	13.00	I	13.00
Roads and Trails								
Total Distributed Costs		540.00		3354.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		540.00		3354.00				

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 5/21/55 Operator A. WARD

Per Harold Morgan Title

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.

Remarks:

(Instructions on reverse)

(For Government use only)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 31 1955

Operator's Monthly Report of Progress
For month of: May, 1955
Date Work began: Dec. 8, 1954
DMEA No. 3469 IdmE-737

Work accomplished:

Began a drift on vein. About 1½ ton of mica was taken out.

A sample was trimmed and taken to the Mica Buying Depot at Spruce Pine, N.C. which was rejected because mica was too wavy. Upon recommendation of Mr. Teague, Field Representative, work was discontinued in mine.

A total of 18 ft was taken out in drift. Work was stopped May 16, 1955

Defense Minerals Administration
RECEIVED

INTERIM REPORT

DMEA-3469, Idm-E737 (mica) ELMORE MINE

Operator: A. Ward, Route #5, Franklin, North Carolina

Location: Near the head of Elmore Branch, 3.5 airline miles N. 42° E. of Franklin, Macon County, North Carolina

Drifting is underway from the 91.5-foot level of the shaft and has been advanced 18 feet in a N. 65° E. direction. A pegmatite about 4 feet thick was followed by this drift. It strikes N. 65° E., and dips 75° SE. About 3 tons of "mine-run" mica was recovered from the lateral but ~~none~~ little is of strategic quality due to its curved character.

Date of Examination: May 16, 1955.

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

z

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

May 13, 1955

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 1 - Docket No. DMEA-3469 - Mica
A. Ward
Elmore Mine
Macon County, North Carolina
Contract No. Idm-E737

The Nonmetallic Minerals Division concurs in Amendment No. 1 as written and executed in the field. This amendment extends the completion date from May 6, 1955, to October 18, 1955.

This amendment is necessary because the Operator has been hampered by heavy spring rains and scarcity of laborers who are preferring to do farm work.

Walter C. Anderson

Walter C. Anderson
Nonmetallic Minerals Division

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 11 1955

May 9, 1955

Memorandum

To: Operating Committee, DMEA- Washington

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

Subject: Amendment No. 1. Idm-E737, DMEA-3469. A. Ward. (mica)

Transmitted are the three signed copies of the subject amendment. The usual distribution of the other copies has been made by this office.

Robert A. Laurence

Robert A. Laurence

RECEIVED
MAY 19 1955
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

Defense Materials Administration
RECEIVED
MAY 16 1955

INTERIM REPORT

DMEA-3469, Idm-E737 (mica) ELMORE MINE

Operator: A. Ward, Route # 5, Franklin, North Carolina

Location: Near the head of Elmore Branch, 3.5 airline miles N. 42° E. of Franklin, Macon County, North Carolina

Inclined shaft sinking continues on this contract and is now at 26 feet from the vertical portion of the shaft. Material encountered has not changed from that described in previous reports and the quality of the mica recovered has not improved. However, at this point the body appears to have changed dip and the Operator was attempting to follow the hanging wall contact. The Operator was instructed to turn off and drive levels.

Progress on this contract has been slow recently because of inability to hire a full crew of miners.

Inspected: May 2, 1955.

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

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

z

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 61

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1955 Docket No. DMEA 3469 Contract No. IdmE-737
Operator's Name A. WARD Minerals Mica
Address Rt #5, Franklin, N.C.
Contract Amount, $ 5064.00 Government Participation: 25% Amount, $ 3798.00

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						
Bulldozing						
Crosscutting						
Rehabilitate shaft Drifting	—	1200.00	1200.00			
Sinking "	400.00	1100.00	1500.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental Tool house	—	76.00	76.00			
Purchase Powder mag	—	35.00	35.00			
Depreciation Exploder "	—	13.00	13.00			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	400.00	2414.00	2814.00	400.00	2414.00	2814.00

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

Date 5/2/55 *Payee A. WARD

Per Hiroll Morgan Title

*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:

$ 300.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date 5-5-55 Vou. No.
(See other side)

100.00

(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. Idm E 737 in accordance with the terms of the contract.

Signature W. T. Beck Title Mining Engr. USBM Date MAY 3 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature V. J. Lynch Title ACTING EXECUTIVE OFFICER ~~DMEA REGION V~~ Date MAY 3 1955

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-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAY 9 - 1955

Month of APRIL 1955 Docket No. DMEA 3469 Contract No. IdmE-737
Operator's Name A. WARD Minerals MICA
Address Rt #5, Franklin, 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 Rehabilitate	Ft	none	none	1200.00	60	20.00	60	20.00
Winzes Sinking shaft	Ft	400.00	8	1500.00	30	50.00	30	50.00
Drilling: Core								
Churn								
Auger								
Stripping Toolhouse	I	none	none	76.00	I	76.00	I	76.00
Trenching Power Mag	I	none	none	25.00	I	25.00	I	25.00
Test Pits Exploder "	I	none	none	13.00	I	13.00	I	13.00
Roads and Trails								
Total Distributed Costs		400.00		2814.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		400.00		2814.00				

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 5/2/55 Operator A. WARD

Per Harold Morgan Title

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)

W. A. Beck, Mining Engr
WSBM

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.

RECEIVED
MAY 4 1955
U. S. BUREAU OF MINES
ELECTROTECHNICAL LABORATORY
NORRIS, TENNESSEE

GPO 83-38475

MAY 9 - 1955

Operator's Monthly Report of Progress
For month of: April, 1955
Date work began Dec. 8, 1954
DMEA No 3469 IDM E-737

Work accomplished;
Continued sinking shaft in the pegmatite, Drilled and blasted; ~~and~~ mucked out a total of 8 ft for the month. This work was done the last week of month.

Daily Notes
April 25 - Set pumps and pumped out water and drilled one round
April 26 Blasted and mucked out.
April 27 Drilled, blasted, and mucked out
April 28, Drilled, blasted, mucked out and started drilling.
April 29, Finished drilling, blasted and muck out,

RECEIVED
MAY 4 1955
U. S. BUREAU OF MINES
ELECTROTECHNICAL LABORATORY
NORRIS, TENNESSEE

RECEIVED
MAY - 3 1955
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

52

OPERATOR'S MONTHLY REPORT AND VOUCHER

Defense Minerals Administration
RECEIVED
APR 7 1955

Month of March, 1955 Docket No. DMEA 3469 Contract No. IDM E737
Operator's Name A. WARD Minerals Mica
Address Rt #5, Franklin, N.C.
Contract Amount, $ 5064.00 Government Participation: 25% Amount, $ 3798.00

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						
Bulldozing						
Crosscutting						
Rehabilitating Shaft	—	1200.00	1200.00			
Sinking Shaft	500.00	600.00	1100.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
~~Rental~~ Toolhouse	—	76.00	76.00			
~~Purchase~~ Powder Mag	—	25.00	25.00			
~~Depreciation~~ Exploder	—	13.00	13.00			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	500.00		2414.00	500.00	1914.00	2414.00

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

Date 4/12/55 *Payee A. WARD

Per Harold Morgan Title

*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:

$ 375.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date 4-5-55 Vou. No.
(See other side)

12500

(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. 1DM-E737 in accordance with the terms of the contract.

Signature N. J. Lynch Title Mining Engineer Date 4/4/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date APR 4 1955

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR - 7 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1955 Docket No. DMEA 3469 Contract No. IdmE 737
Operator's Name A. WARD Minerals Mica
Address RT 4 5, Franklin, 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 Rehabilitate	Ft	None	None	1200.00	60	20.00	60	20.00
Winzes Sinking Shaft	Ft	500.00	10	1100.00	22	50.00	30	50.00
Drilling: Core								
Churn								
Auger								
Stripping Tool house	one	None	None	76.00	one	76.00	one	76.00
Trenching Powder Mag	one	None	None	25.00	one	25.00	one	25.00
Test-Pits Exploder "	one	None	None	13.00	one	13.00	one	13.00
Roads and Trails								
Total Distributed Costs		500.00		2414.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		500.00		2414.00				

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 4/2/55 Operator A. WARD

Per Harold Moyer Title

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)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR - 7 1955

Operator's Monthly Report of Progress
For month of March, 1955
Date work began: Dec. 8, 1954
DMEA No. 3469 IdME-737

Work accomplished:
Continued sinking shaft in the pegmatite. Drilled, blasted and mucked a total of 18 ft. for the month. Work done by three men.

Daily notes:

March 14-18, Drilled blasted and mucked out.

March 21-25, Drilled, blasted, and mucked out.

INTERIM REPORT

DMEA-3469, Idm-E 737 (mica) ELMORE MINE

Operator: A. Ward, Route # 5, Franklin, North Carolina

Location: Near the head of Elmore Branch, 3.5 airline miles N. 42° E. of Franklin, Macon County, N. C.

Incline shaft sinking has been in progress since the last report, but no work was in progress at the time of this visit. The Operator stated that work would resume within the coming week, or as soon as key miners could be located. No particular changes were noted in material encountered and in the sinking area the pegmatite, where exposed, is rich in mica of poor quality. Incline sinking will continue.

Thor H. Kiilsgaard and Lawrence G. Houk accompanied the Examiners on the visit to the mine.

Inspected: March 31, 1955.

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

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

INTERIM REPORT

DMEA-3469, Idm-E737, (mica) ELMORE MINE

Operator: A. Ward, Route # 5, Franklin, North Carolina

Location: Near the head of Elmore Branch, 3.5 airline miles N. 42° E. of Franklin, Macon County, N. C.

Progress on this contract has been halted temporarily, but work is expected to resume within the next two weeks. The shaft contained water and an examination could not be made.

Mr. Robert A. Lawrence, Executive Officer of DMEA, Region 5, accompanied the Examiners on this visit to the mine.

March 14, 1955.

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

K. H. Teague D. H. Amos
K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

z

Anderson

Form [illegible] (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

PAID ON VOUCHER & SCHEDULE
PAYMENT NO. 44

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Feb, 1955 Docket No. DMEA 3469 Contract No. IdmE737
Operator's Name A. WARD Minerals Mica
Address Rt #3, Franklin, N.C.
Contract Amount, $ 5,064.00 Government Participation: 75% Amount, $ 3798.00

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						
Bulldozing						
Crosscutting						
Rehabilitating Drifting Shaft	—	1200.00	1200.00			
Sinking Shaft	600.00	—	600.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Constructing Toolhouse		76.00	76.00			
" Rental / Powder Magazine	25.00		25.00			
Purchase / Exploder "	13.00		13.00			
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS				638.00	1276.00	1914.00

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1955

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Mar. 3, 1955 *Payee A. WARD
Per Harold Morgan Title

*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:

$ 478.50

Signature Helen R. Mullin
(Authorized Certifying Officer)

Date 3-9-55 Vou. No.
(See other side)

3

159.50

(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. Idu-E737 in accordance with the terms of the contract.

Signature Henry H. Amos Title Geologist USGS Date MAR 7 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title EXECUTIVE OFFICER DMEA REGION V Date MAR 7 1955

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-12
(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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1955

Month of Feb. 1955 Docket No. DMEA 3469 Contract No IdmE 737
Operator's Name A. WARD Minerals Mica
Address Rt #5, Franklin, 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 Rehabilate	Ft	—	—	1200.00	60	20.00	60	20.00
~~Winzes~~ Sinking Shaft	Ft	600.00	12	600.00	12	50.00	30	50.00
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Tool house	one	—	—	76.00	one	76.00	one	76.00
~~Trenching~~ Powder Mag.	one	25.00	one	25.00	one	25.00	one	25.00
Test Pits Exploder "	one	13.00	one	13.00	one	13.00	one	13.00
Roads and Trails								
Total Distributed Costs		638.00		1914.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		638.00		1914.00				

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 March 3, 1955 Operator A. WARD

Per Harold Morgan Title

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)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1955

Operator's Monthly Report of Progress
For Month of February, 1955
Date work began Dec. 8, 1954
DMEA No. 3469 — IdME-737

Work accomplished:
Started sinking shaft in the pegmatite drilled, ~~and~~ blasted, and mucked a total of 12 ft for the month. Also put two shots in vein taking out about 1200 lbs. of scrap mica.

Daily notes
Feb. 1-4 Drilled, blasted, and mucked out.

Feb 7-11 Drilled, blasted, and mucked out also put timber in opening of old tunnel.

Feb 14-18 Drilled, blasted, and mucked out. Put one round in vein taking out about 800 lbs scrap mica.

Feb 21-25 Drilled in pegmatite, blasted and mucked out.
Feb 28 Drilled one round in vein and blasted out about 400 lbs. scrap mica

INTERIM REPORT

ON

DMEA-3469, Idm-E737, ELMORE MINE
(mica)

Operator: A. Ward, Route #5, Franklin, North Carolina

Location: Near the head of Elmore Branch, 3.5 airline miles N. 42° E. of Franklin, Macon County, N. C.

Incline sinking continues from the 65.5 foot shaft level and new work now totals 12 feet. At this point the pegmatite has narrowed considerably, due to a "roll" in the hanging wall. Material content of the body has not changed appreciably, and considerable block mica, of poor quality, may be observed in place. The Operator was advised to continue sinking until another examination can be made. The Field Examiners are of the opinion that unless the quality of the mica improves in the near future, addtional work will not be warranted.

Progress on this contract and work completed todate is satisfactory.

Inpsected: February 28, 1955

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

K. H. Teague D. H. Amos
K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

DEFENSE MINERALS EXPLORATION ADMINISTRATION

INTERIM REPORT

DMEA-3469, Idm-E737 (mica) ELMORE MINE

Operator: A. Ward, Route # 5, Franklin, North Carolina

Location: Near the head of Elmore Branch, 3.5 airline miles N. 42°E of Franklin, Macon County, N. C.

Incline sinking from the bottom of the 65.5 shaft level is underway; some slabbing at the Operator's own expense has been completed from the 55-foot shaft level. Old workings were examined and the Operator was advised to timber where necessary before attempting any level work. About 6 feet of incline has been sunk in new ground. Some mica has been recovered from the short drifts along the strike accessible by a crosscut from the 65.5 foot shaft level. The mica is badly cracked and stained. Sinking will continue to a total of 95.5 ft.

Progress on this contract is satisfactory.

Examined: February 14, 1955

K. H. Teague D. H. Amos

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

and

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

z

MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 36

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Jan, 1955 Docket No. DMEA 3469 Contract No. Idm E 737
Operator's Name A. WARD Minerals MICA
Address Rt #5, FRANKLIN, N.C.
Contract Amount, $ 5064.00 Government Participation: 75 % Amount, $ 3798.00

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						
Bulldozing						
Crosscutting						
Drifting						
Rehabilitate Shaft	460.00	740.00	1200.00			
(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~~ Tools, etc.	76.00	—	76.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	536	740.00	1276.00	536.00	740.00	1276.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Feb 3, 1955 Payee A. WARD
Per [signature] Title [illegible]

*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:

$ 402.00

Signature Helen R. Mullin
(Authorized Certifying Officer)

Date 2-9-55 Vou. No.
(See other side)

134.00

(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. IdmE 737 in accordance with the terms of the contract.

Signature Henry H. Amos Title Geologist USGS Date FEB 8 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lamme Title EXECUTIVE OFFICER DMEA REGION V Date FEB 8 1955

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

m 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 FEB 10 1955

Month of Jan 1955 Docket No. DMEA 3469 Contract No. IdmE-737
Operator's Name A. WARD Minerals MICA
Address Rt 5, FRANKLIN, 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 Rehabilitate	Ft.	460.00	23	1200.00	60	20.00	60	20.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Tool house	one	76.00	one	76.00	one	76.00	one	76.00
Total Distributed Costs		536.00		1276.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		536.00		1276.00				

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 Feb 3, 1955 Operator A. WARD

Per Harold Morgan Title Bkpr.

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)

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

DEPARTMENT OF ...
Defense Minerals Co.
RECEIVED
FEB 10 1955

Operators Monthly Report of Progress
For month of January 1955
Date work began December 8, 1954
DMEA No 3469 IdME 737

Work accomplished
Finished rehabilitating old shaft also installed new three horsepower Wesco electric pump, making a total of 23 ft for the month. Also a toolhouse was constructed.

Daily notes
Jan 3-5 Mucked out shaft, took out old timbers, then put in new timbers. putting in staggered ladders as needed.
Jan 6 Struck water and had to stop work until new pump was installed.
Jan 11 Put in pipe line for pump and brought pump to mine.
Jan 12 Installed pump and mucked out shaft in the afternoon also put in timbers.
Jan 17-20 Worked in shaft taking out old timbers and muck, and putting in new timbers (Same work on all these days)
Jan 21 Constructed new toolhouse.

DEFENSE MINERALS EXPLORATION

INTERIM REPORT

DMEA-3469, Idm-E 737, ELMORE MINE (mica)

Operator: A. Ward, Route 5, Franklin, North Carolina

Location: Near the head of Elmore Branch, 3.5 airline miles N. 42° E. of Franklin, Macon County, N. C.

Rehabilitation of the existing vertical shaft including re-timbering has been completed. The depth of this shaft is 65.5 feet. Old works, all of which are in good condition, from the bottom of the shaft consist of a 12-foot crosscut in a S. 25° E. direction to the pegmatite; an 18-foot drift in a S. 60° W. direction from the head of the crosscut; and a 5-foot drift N. 60° E. The head of the latter drift is in old caved works which probably extend to the surface.

A pegmatite about 6 feet thick is exposed in the drift. It strikes N. 60° E. and dips 70° SE. The body is parallel to the strike of the foliation of enclosing wall rock, biotite gneiss, but crosscuts acutely the dip of the foliation. This dip is about vertical. About 40 percent of the pegmatite consists of muscovite books of large sizes, blocks with a diameter of 1 foot being common. The mica is severely ruled and cracked and contains some mineral stain. No zoning of the body is apparent.

The Operator was advised to extend the shaft to a level 30 feet below the present bottom by an incline to southeast. This is to be accomplished by slabbing the southeast side of the shaft beginning at a depth of about 55 feet and then inclining toward the pegmatite. This approach is preferred to sinking an inclined winze on the pegmatite from the existing drift as it will prevent double handling of the muck. The Operator is in agreement and will do all the slabbing above the 65.5 - foot level at his expense.

Progress on the contract is satisfactory and the work is being conducted in an efficient manner.

Date of Examination: January 31, 1955.

K. H. Teague D. H. Amos

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey.

z

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 27 1955

INTERIM REPORT

DMEA-3469, Elmore Mine, Idm-E737 (mica)

Operator: A. Ward, Route 5, Franklin, N. C.

Location: Near the head of Elmore Branch, 3.5 airline miles N. 42° E. of Franklin, Macon County, N. C.

Rehabilitation of the existing vertical shaft is in progress. It has been cleaned out, trimmed and timbered to a depth of 50.5 feet.

The work is being conducted in an efficient manner.

Progress on the contract is satisfactory.

Date of Examination: January 17, 1955.

K. H. Teague D. H. Amos

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

z

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 26 1955

INTERIM REPORT

DMEA-3469, Idm-E737, ELMORE MINE (mica)

Operator: A. Ward, Route # 5, Franklin, N. C.

Location: Near the head of Elmore Branch, 3.5 airline miles N. 42° E. of Franklin, Macon County, N. C.

Rehabilitation of an existing shaft continues on this contract and is now at 37.5 feet. The shaft is 5' x 7' in cross section and has been cribbed to the present depth with 2" x 6" oak timbers. Material encountered is primarily muck and old timbers from a previous operation. Trimming has been necessary on both ends of the original opening. Some pegmatite was encountered in the southwest corner near the present depth.

Progress on this contract is satisfactory.

Examined:
January 3, 1955.

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

K. H. Teague D. H. Amos
K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 3

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of DECEMBER 1954 Docket No. DMEA 3469 Contract No. IdM-E737

Operator's Name A. WARD Minerals Mica

Address Rt. #5, Franklin, N.C.

Contract Amount, $ 5,264.00 Government Participation: 75% Amount, $ 3798.00

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						
Bulldozing						
Crosscutting						
Drifting						
Rehabilitating Shaft	740.00	—	740.00			
(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.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	740.00	—	740.00	740.00	—	740.00

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

Date Jan 4, 1955 *Payee A. WARD

Per Harold Morgan Title Bookkeeper

*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:

$ 555.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date 1-11-55 Vou. No.

(See other side)

1st
12/8
185.00

(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. Tm-E737 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.G.M. Date Jan. 10, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title EXECUTIVE OFFICER DMEA REGION VII Date JAN 11 1955

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 13 1955

Month of Dec. 1954 Docket No. DMEA 3469 Contract No. Idm-E737
Operator's Name A. WARD Minerals Mica
Address Rt. #5, Franklin, 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								
~~Winzes~~ Rehabilitating ~~Drillings-Core~~ Shaft	Ft.	740.00	37	740.00	37	20.00	60	20.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		740.00		740.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		740.00		740.00				

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 Jan 4, 1955 Operator A. WARD

Per Harold Morgan Title Bookkeeper

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)

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

...T OF THE INTERIOR
...ed States Minerals Administration
RECEIVED
JAN 13 1955

Operator's Monthly Report of Progress
For the month of Dec. 1954
Date work began Dec. 8, 1954
DMEA No 3469 Idm-E 737

Work accomplished

Moved in and set hoist, built house for hoist.

Cut logs and laid them around top of shaft, then proceeded to timber the broken impart of shaft. After this was completed started to muck out old shaft and crib down, also built staggered ladder in shaft, for a total of 37 ft. for the month. This work was done by four workmen one shift a day.

Daily Notes

Dec 8 Cut timbers for cribbing.
Dec 10 Cut logs for top of shaft and started to crib broken in part of shaft.
Dec. 14. Moved in hoist and built road.
Dec 15. Set hoist
Dec 17 Cribbed shaft and put in staggered ladder.
Dec 18 Cut boom pole and mast pole and

set them up.

Dec 27 Adjusted cables on mast pole and mucked in shaft.

Dec 28 Timbered shaft and mucked.

Dec 29 Repaired hoist and mucked in the afternoon.

Dec 30 Timbered shaft and put in ladder

Dec 31 Mucked out and timbered.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1954

INTERIM REPORT

DMEA-3469, ELMORE MINE (mica)
Idm-E 737

Operator: A. Ward, Route # 5, Franklin, North Carolina

Location: Near the head of Elmore Branch 3.5 airline miles N. 42° E. of Franklin, Macon County, N. C.

The starting date on this contract is December 1, 1954.

Rehabilitation of the existing shaft has begun and a total of 9 feet has been cleaned out and timbered.

Progress is satsifactory.

The Operator was advised to use life lines on the workmen as the shaft may be choked near the collar.

Date of Examination;
December 13, 1954

K. H. Teague D. H. Amos
K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

Z

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

RECEIVED
DEC - 2 1954

November 30, 1954

Memorandum

To: Operating Committee, DMEA, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region VII

Subject: Docket No. DMEA-3469, Contract Idm-E 737 (Mica)
A. Ward, Route 5, Franklin, N. C.
Elmore Mine, Macon County, North Carolina

Transmitted are the original and two signed copies of the subject contract. The usual distribution of the other copies has been made.

Robert A. Laurence
Robert A. Laurence

Enclosures 3

Docket Copy
Surname:
Anderson
Houk
Chandler
Selfridge
Johnson

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

NOV 1 8 1954

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

Subject: Docket No. DMEA-3469 - Mica
A. Ward
Elmore Mine
Macon County, North Carolina

Dear Mr. Laurence:

Please find herewith the original and five copies of a contract covering the subject exploration project which have been signed by the Government with register number and effective date as shown.

If the contract meets with your approval present it to the Operator for his approval and signature. Please explain to the Operator that the contract, when executed, is a firm commitment under the terms of which he is obligated to complete the work outlined at the agreed unit cost. If any part of this contract 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 of the contract are to be returned to this office, together with the proposed changes for consideration.

After execution of the contract, the copies are to be distributed in the usual manner. Copies of memoranda from the Geological Survey, dated October 11, 1954, and from the Bureau of Mines, dated October 15, 1954, are enclosed.

Sincerely yours,

George C. Selfridge
by EST
Chairman, Operating Committee

Approved:

J. H. Hedges
by EST
Member, Bureau of Mines

E. L. Newcomb
by EST
Member, Geological Survey

Enclosures 10

WCAnderson:gad 11/16/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5222
Mr. Houk

R.C.L.

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

OF THE INTERIOR
Administration
RECEIVED
OCT 28 1954

October 26, 1954

Memorandum

To: Operating Committee - DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: DMEA-3469, Elmore Mine, Macon County, N.C. (mica) A. Ward, Applicant.

Reference is made to your letter of October 21, 1954 on the subject application.

The Field Team recommends deepening the No. 2 shaft an additional 30 feet and drifting; not the No. 1 shaft. The collar of the No. 1 shaft is now covered with dump material and its location as shown on the sketch map attached to the field examination report is only approximate.

No information is available on the pegmatite in shaft No. 1. The detailed description given at the top of page 2 of the field examination report and referred to in your letter is of the pegmatite in the drifts from the No. 2 shaft.

All the muscovite seen by the field examiners in the open cut at the top of the hill is small in size. This observation is verified by the detailed description that is quoted in the field examination report and referred to in your letter. The mica at this locality is also badly cracked, in addition to being too small for use as sheet. Past work in this portion of the pegmatite has been limited and evidently not profitable.

The Field Team is of the opinion that the original proposal for the exploratory work is more apt to discover sheet mica of strategic quality than work farther east along the strike of the pegmatite.

Robert A. Laurence
Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

Wm. A. Beck
Wm. A. Beck, for V. J. Lynch
U. S. Bureau of Mines

Docket Copy
Surname:
Anderson
Houk
Selfridge
H Johnson
Mittendorf

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

OCT 21 1954

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

Subject: Docket No. DMEA-3469 - Mica
A. Ward
Elmore Mine
Macon County, North Carolina

Dear Mr. Laurence:

Reference is made to the Field Team Examination Report, October 1, 1954, on the subject property.

The Field Team recommends deepening the No. 1 shaft an additional 30 feet and drifting. At this point the pegmatite is 4 to 5 feet thick with an intermediate zone of 0 to 1 foot. In the open cut at the top of the hill the pegmatite is 9 feet thick with an intermediate zone of 2 to 5 feet.

We are wondering if it would not be better to do exploratory work at this latter location. It will be appreciated if further study be made of this project and comments submitted on the merits of our suggestion.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JHB)

Approved:

J. H. Hedges (JHB)
Member, Bureau of Mines

Thor H. Kiilsgaard (JHB)
Member, Geological Survey

WCAnderson:gad 10/19/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5227
Mr. Houk

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 18 1954

October 15, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3469 (mica)

Applicant: A. Ward

Name and Location of Property: Elmore Mine
Macon County, North Carolina

Date of Field Team Report: September 29, 1954

Date Rec'd. by Ceramic & Fertilizer Mtls. Br.: October 5, 1954

Field Team Recommendation:

1. Exploration assistance.

Comments:

1. Proposed exploration outlined by the field team is consistent with good engineering practice and estimated costs are in line with other DMEA projects in the area.

2. Total estimated costs are in the amount of $5,013.

Recommendation:

I concur in the field team's recommendation for a two-stage exploration project in the amount of $5,013.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

Defense Minerals Administration
RECEIVED
OCT 12 1954

October 11, 1954

Re: DMEA-3469
A. Ward
Elmore Mine
Macon Co., N. C.
$9,153 - Mica

Memorandum

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

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

Subject: Review of Field Team Report

The Field Team recommend a two-stage project be approved. Stage I will permit access to old workings to determine whether further exploration is justified as a second stage.

On basis of unpublished report, excerpts of which were included in field examiners' report, the rehabilitation of No. 1 shaft appears to be justified. Stage II should be allowed only after a thorough examination of shaft and lateral workings has been made by the Field Team.

I recommend the proposed two-stage program be approved as outlined by the Field Team report.

E. L. Newcomb

E. L. Newcomb

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

WASHINGTON

Department of the Interior
Defense Minerals Administration
RECEIVED
OCT - 1 1954

September 29, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: Field Examination Report - DMEA-3469 (mica) A. Ward
Elmore Mine, Macon County, N. C.

Enclosed are four copies of the subject examination report and six extra copies of the map.

We agree that this deposit is worth exploring, and recommend approval of a two-stage contract as outlined in the report.

Robert A. Laurence
Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

Wm A. Beck By: gm.
Wm. A. Beck, for V. J. Lynch
U. S. Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
10-6-54
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
RECEIVED
OCT - 1 1954

On-site Eval. Rpt.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXAMINATION REPORT BY FIELD TEAM, REGION VII
On

DMEA-3469, ELMORE MINE (mica)
Macon County, North Carolina

By

Kefton H. Teague, and D. H. Ames, Geologists
U. S. Geologiceal Survey
and
Lawrence E. Shirley, Mining Engineer
U. S. Bureau of Mines

September 20, 1954

Reviewed by
DMEA OPERATING COMMITTEE
10-6-54
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 1 1954

GSL 10/20/54

FIELD EXAMINATION REPORT
On
DMEA-3469, ELMORE MINE (mica)

Applicant: A. Ward, Route #5, Franklin, North Carolina

A report prepared while this mine was in operation during World War II states that large size mica crystals are generally abundant and that the deposit is reported to be 4-5 feet thick and is well zoned. As indicated above, further exploration of the deposit appears to be warranted.

The deposit was examined on September 20, 1954. Mr. A. Ward accompanied the examiners on the inspection which required two hours.

The Elmore mine is near the head of Elmore Branch, a south-flowing tributary of Rabbitt Creek, 3.5 airline miles N. 42° E. of Franklin, Macon County, North Carolina. It is readily accessible at all times.

The applicant has been engaged in mica and feldspar mining during most of his life. At present he is successfully operating the Harris Mine in Macon County (DMEA-3231). He appears competent to conduct the proposed project.

The deposit is owned by Garland and Hazel Shepherd. The applicant holds a 3-year lease on the deposit, with option for an additional two years. Area covered by the applicant's lease is sufficient for the proposed project.

The following information is from a U. S. G. S. manuscript report prepared in 1945.

"The Elmore mine was first worked in 1900 by J. C. Guest and Sam Crawford, who sank two shafts and drove several short adits. From February 1944 until the end of March 1945 Jim Guest, Lee Crawford, and Grover Mauney worked the deposit and obtained 664 pounds of mica which was sold for $3,265.60 to Colonial Mica Corporation. The workings trend for 400 feet in a N. 65° E. direction across a low ridge. During the last operation on the sotthwestern side of the ridge, the No. 1 shaft was suhk to a depth of 50 feet. The No. 2 shaft was sunk to a depth of 60 feet and 100 feet of lateral workings were drive from both. Water was a serious problem in this operation, (with electric pumps this should be no problem).

" The foliation of the mica gneiss strikes N. 65° to 75° W. and dips from 55° to 72° NE. Near the pegmatite body the foliation swings parallel to the contacts in a manner that suggests dragging, and it seems likely that the pegmatite was intruded along a fault plane. The dike, well exposed in the drifts from the No. 2 shaft, strikes N. 77° E. and dips from 50° to 80° SE. It is 4 to 5 feet thick and contains the following sequence of zones from wall to core.:

Thickess	Description
1 inch	Border zone of fine-grained muscovite-rich rock.
1/2 to 1 1/2 feet	Wall zone of medium-grained quartz-plagioclase pegmatite.
0 to 1 foot	Intermediate zone containing coarse-grained muscovite and plagioclase.
1 to 2 feet	Core of coarse-grained microcline with pods of massive quartz.

"In the open cut at the top of the hill the body is 9 feet thick, strikes N. 81° E., and dips 80° SE. The zoning differes somewhat from that observed in the lower drifts:

Thickness	Description
0 to 2 inches	Border zone of fine-grained mica-rich rock.
0 to 1 foot	Wall zone of medium-grained quartz, plagioclase, and small muscovite.
2 to 5 feet	Intermediate zone of very fine-grained plagioclase, quartz, and muscovite.
1 foot	Core to medium - to corase-grained quartz and feldspar

"The feldspar of the core is cheifly microcline which has a blue-gray mottled appearance. The feldspar of the wall and intermediate zones is chiefly plagioclase, much of which is dark green. It is associated with may thin films and small veinlets of pyrite."

"Both green and light brown mica apparently occur within the same book. Crystals as much as 12 to 14 inches in size were noted, and many are over 6 inches in diameter. The mica is generally abundant and three of the largest blocks obtained aggregated ocer 700 pounds. The mineral is wavy, soft and many books are severely ruled. Others contain scattered black specks. Despite the general poor quality of the mica, the deposit is worthy of further mining."

Information supplied by the applicant does not agree in detail with that in the above report. He reports that the upper (No.2) shaft is 70-75 feet deep and a 14-foot crosscut extends from its bottom to the pegmatite. He states that 20-25 feet of drift has been driven on the pegmatite from the crosscut. Which of these two versions are correct the examiners do not know.

As is normal in this area, all openings are now slumped and caved. The 60-75 foot(?) shaft is slumped; however, the area of slumpage around the shaft is small, suggesting that the shaft is choaked above its bottom. Originally the shaft was cribbed to unweathered rock (probably 40-50 feet). The shaft is 6' x 8' in cross section.

The application requests a new 80-foot shaft, to be sunk about 20 feet southeast of the 60-75-foot shaft. The examiners are of the opinion that if exploration assistance is given, the work should be conducted from the existing shaft. This would involve cleaning out, retimbering where necessary, dewatering, and installing ladders as Stage I.

Stage II should consist of sinking the shaft an additional 30 feet on the pegmatite and driving 75 feet of level or driving 75 feet of level from the present shaft bottom - the choice of the two approaches to be determined by the condition and extent of openings as found by Stage I.

Estimated Cost:

Stage I. To clean out, retimber where necessary, dewater, and install ladders in existing shaft. (20 shifts)

Labor:		
1 - miner - timberman @ $1.50/hr.	$240.00	
1 - Hoistman @ $1.25/hr.	200.00	
1 - Laborer @ $1.00/hr	160.00	
Equipment (rental):		
Hoist @ $50/mo.	50.00	
Pump @ $25/Mo.	25.00	
Supplies:		
Timber, 5000 BF @ $60/M	300.00	
Pipe	50.00	
Gasoline, oil, electricity	50.00	
Miscellaneous	25.00	
Social Security, Insurance, etc.	50.00	
Estimated Cost of Stage I		$1,150.00

19.12 mos 20.00

Stage II. Sink 30 feet of shaft and drive 75ft. of drifts (50 shifts)
30 feet of shaft (20 shifts)

Tool house		75.00
Explorder Magazine		13.00
Powder magazine		25.00
Labor:		
1- Miners @ $1.50/hr.	240.00	
1- Hoistman @ $1.25/hr	200.00	
1 - Laborer @ $1/hr	160.00	
Equipment (rental:		
Compressor and drill @ $220/Mo.	220.00	
Hoist @ $50/Mo.	50.00	
Pump @ $25/Mo.	25.00	

Supplies:

Explosives	$120.00	
Gasoline and oil	80.00	
Electricity	40.00	
Drill Steel	60.00	
Small tools	60.00	
Pipe, airline, etc.	75.00	
Miscellaneous	50.00	
Social Security, insurance, etc.	115.00	$1,500.00

50.00

Drive 75 feet of drift (30 shifts)

Labor:

1 - miner @ $1.50/hr.	360.00
1 - hoistman @ $1.25/hr.	300.00
1 - laborer @ $1/hr.	240.00

Equipment (rental):

Compressor and drill @ $220/Mo.	330.00
Hoist @ $50/Mo.	75.00
Pump @ $25/Mo.	37.50

Supplies:

Explosives	225.00	
Gasoline and oil	120.00	
Electricity	50.00	
Drill steel	100.00	
Small tools	50.00	
Pipe, etc.	50.00	
Miscellaneous	125.00	
Social Security, Insurance, etc.	212.50	$2,250.00

30.00/ft.

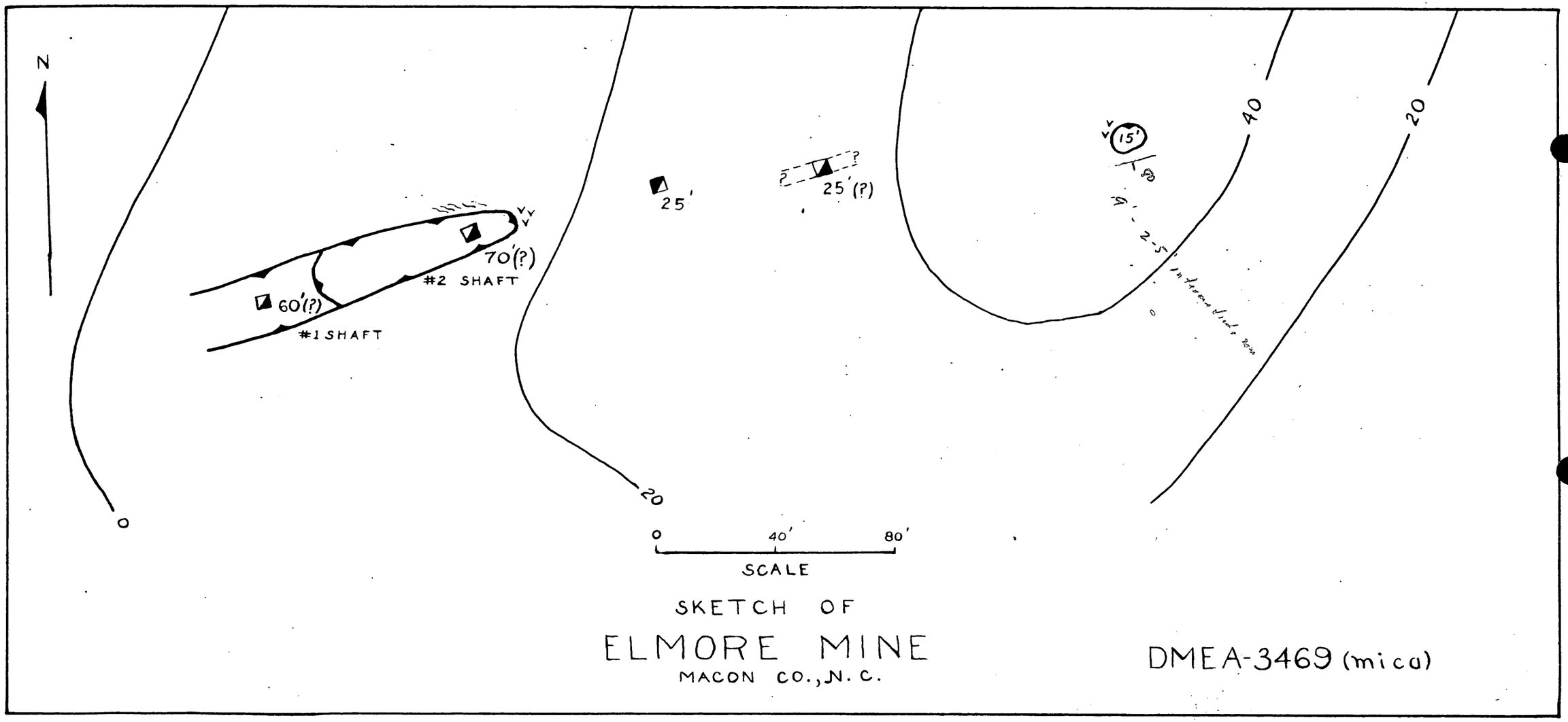
Estimated Cost of Stage II.....	$3,863.00
Estimated total cost of Stages I and II	$5,013.00

If no extensive works extend from bottom of present shaft, the 30 ft. of shaft will be eliminated, thus the cost of Stages I and II will be $3,513.00

September 20, 1954. Examined.

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey
and

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



SKETCH OF

ELMORE MINE

MACON CO., N. C.

DMEA-3469 (mica)

Docket Copy
Surname:

Hopkins
Houk
Kiilsgaard
Hedges
Selfridge
Johnson

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

600

SEP 24 1954

Mr. A. Ward
Route 5
Franklin, North Carolina

Re: Docket No. DMEA-3469 - Mica
Elmore Mine
Macon County, North Carolina

Dear Mr. Ward:

Your application for exploration assistance on the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, 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 that you may give the members of the field team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

JHopkins:gad 9/22/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5227
Field Team, Region VII
Mr. Houk

Docket Copy
Surname:

Hopkins
Houk
Selfridge
Johnson

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

SEP 24 1954

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

Subject: Docket No. DMEA-3469 - Mica
A. Ward
Elmore Mine
Macon County, North Carolina

Dear Mr. Laurence:

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

Copies of memoranda from the Geological Survey, dated September 7, 1954, and from the Bureau of Mines, dated September 16, 1954, are enclosed for your information.

Sincerely yours,

George C. Selfridge
(by 257)

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

Enclosures 4

JHopkins:gad 9/22/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5227
Mr. Houk

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

September 16, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-3469 (mica)

Applicant: A. Ward

Name and Location of Property: Elmore Mine
Macon County, North Carolina

Date Application Rec'd. by Ceramic & Fertilizer Mtls. Br.: 9/1/54

Comments:

1. Bureau of Mines records show that 175 pounds of full-trimmed mica valued at $1,142 and 163 pounds of punch at $49 were sold from subject mine to Colonial Mica in 1945.

2. Proposed exploration is consistent with local practices but expenditures should be on a unit-cost basis.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis.

Donald R Irving
Donald R. Irving

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 14 1954

September 13, 1954

Memorandum

To: Operating Committee, DMEA - Washington

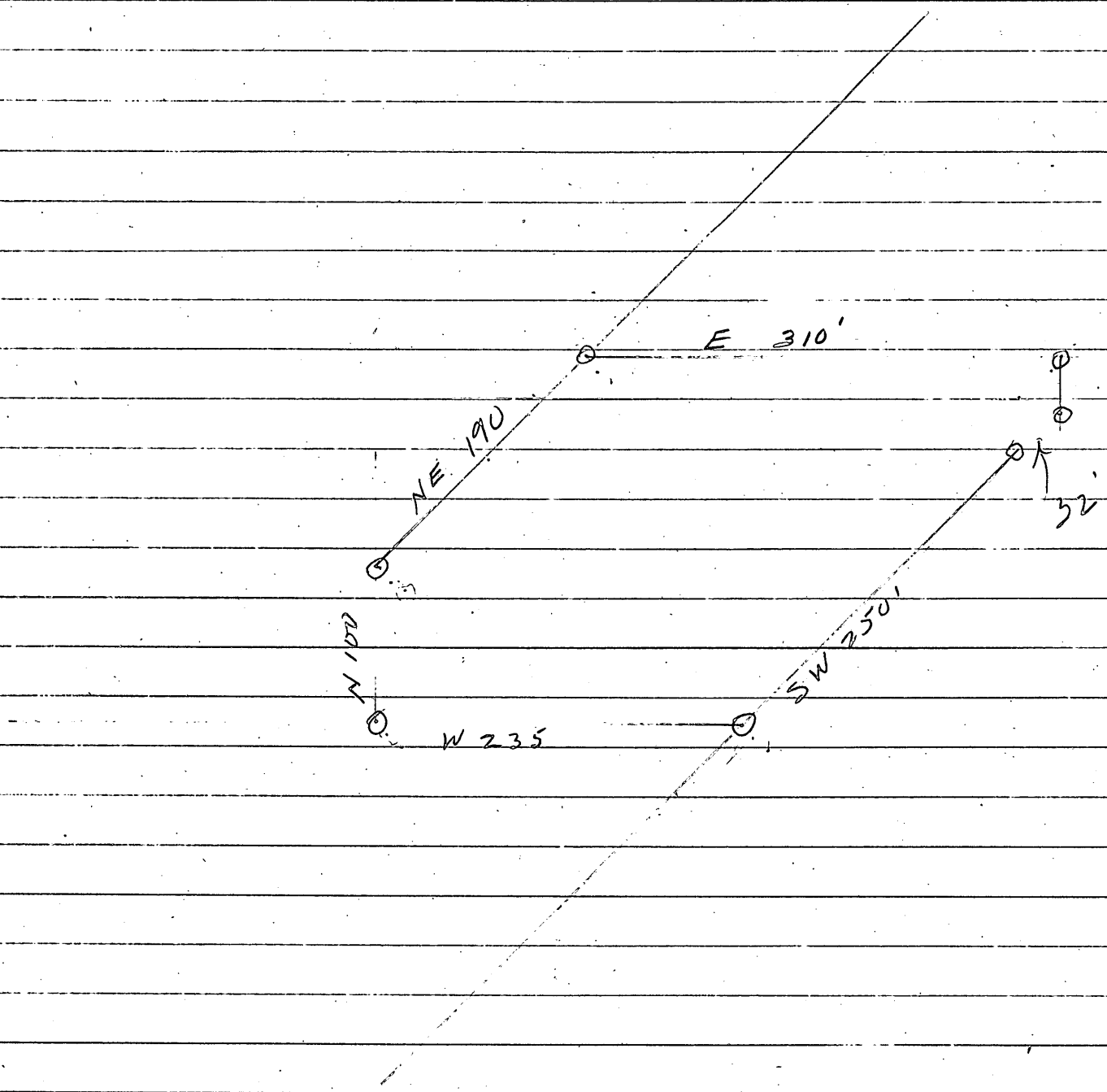
From: Executive Officer, DMEA- Region VII

Subject: MF-203, on DMEA-3469, A. Ward, applicant (mica)

Transmitted is the 6th copy of form MF-203, requested in our letter of the 7th to Mr. Ward.

Robert A. Laurence

Robert A. Laurence


E 310'
NE 190
32'
N 150
SW 250'
W 235

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

September 7, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region VII

Subject: DMEA-3469, A. Ward, applicant. Franklin, N. C.

Transmitted are five copies of form MF-203 to be attached to the subject application sent your office August 29. Also attached is a copy of our letter to Mr. Ward requesting the other copy of the Owner's Consent to Lien.

Robert A. Laurence

Robert A. Laurence

September 7, 1954

Mr. A. Ward
Route 5
Franklin, North Carolina

Re: DMEA-3469, Elmore Mine

Dear Mr. Ward:

Today we received the original and four copies of the Owner's Consent to Lien from you, and these are being sent on to Washington in order not to hold-up the processing of your application.

Will you please send me the other copy of the Owner's Consent to Lien that you kept. The land owner was to get a copy, but you will have a copy attached to your copy of the contract should one be issued, therefore, six copies should have been returned to this office instead of five.

Thank you for your prompt attention to this request.

Very truly yours,

Robert A. Laurence
Executive Officer, DMEA
Region VII

IN REPLY REFER TO:

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

September 7, 1954

Memorandum

REVIEW OF APPLICATION DMEA-3469 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: E. L. Newcomb, U. S. Geological Survey
Applicant's name and address: A. Ward, Franklin, North Carolina
Name of property: Elmore Mine (Macon Co.)
Location of property: 5 mi. from Franklin, North Carolina
Summary of applicant's proposal:

80 foot - shaft
100 feet - drift
10 hours - dozing
Total estimated cost - $9,153

Sources of information on applicant's property:

We have no available information on the Elmore mine. However, the Survey examined this mine during World War II. The Knoxville office may have pertinent data in their files.

Comments:

Property lies in an area of known mica bearing pegmatites. Further review and an examination by the Field Team appears geologically justified.

RECOMMENDATION: I recommend this application be referred to Field Team for an examination.

E. L. Newcomb
E. L. Newcomb

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

September 1, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region VII

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

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

DMEA-3469 A. Ward

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