☑ Audited 3/29/58 [redacted]RK ANALYSIS SHEET - DMEA PROJE[redacted] ☐ Actual Cost

☐ Certified Analysis as of 3/24/58 ☑ Agreed Unit Cost

Incl. Voucher for Mar. 58

Name Peter and Howard Boone Docket No. 3356

State Commodity Idm-E No. 711

North Carolina Mica

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	75	2250.00	75	2250.00	2250.00
Raising					
Shafts	55	2475.00	55	2475.00	2475.00
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation		510.00		510.00	510.00
New Building, Improvements, etc.		513.00		513.00	513.00
Other (Specify)					
Totals		5748.00		5748.00	5748.00

Prepared by [signature]

7162

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Jeter and Howard Boone
Route 3
Bakersville, North Carolina

pertaining to Exploration Project Contract No. Idm-E711, Docket No. DMEA-3356, for the months of October, 1954, to March, 1955, inclusive, covering a project for the exploration of mica on property, known as the Doc Thomas Mine located in Mitchell 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 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		$5,748.00
Exceptions:		
By DMEA Finance Officer	$ - 0 -	
Herewith	- 0 -	-0-
Total Accepted Cost		$5,748.00

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 Four thousand three hundred eleven and no/100 Dollars

$4,311.00

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

E. D. Talbert, Auditor

March 29, 1955

Division copy

MF-200A
(Revised June 1954)

Docket No. DMEA [illegible]

Commodity [illegible]

Contract No. Idm-E 711

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

It is agreed this 21st day of September, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] [illegible],

whose mailing address is [illegible],

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 [illegible], County of [illegible], and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] [illegible] of [5] [illegible] in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] [illegible], [7] [illegible] recorded 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: [illegible]

(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: [illegible]

[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."

16—70618-1

(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 ..... The work to be performed is described in Exhibit "A." The Operator on or before ..... shall commence the work, and on or before ..... (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 $..... The Government will contribute ..... percent of the fixed unit costs as work is performed, in a total sum not in excess of $.....: *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.

THE UNITED STATES OF AMERICA

[redacted]
(Operator)

By Frank E. Johnson
ACTING [redacted]
Hoffman Selfridge.
Noak
Anderson
Chamberlin

By Jeter Boone [redacted]

By Howard Boone [redacted]

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

EXPLORATION PROJECT CONTRACT
JETER AND HOWARD BOONE
DOCKET NO. 1MSA-3356

ANNEX I

The land referred to in Article 2 of the contract form is known as the Doc Thomas Mine and was leased for mining purposes to Jeter Boone and Howard Boone for a period of five years by Thad Thomas, Howard Thomas, Mrs. Carl Gunter, Homer Thomas, Paul R. Thomas, Mrs. Aude Ellis and Mrs. D. M. Thomas, in an instrument dated May 13, 1954. It is located in Mitchell County, North Carolina, on the north side of Bandana Hollow, 1500 feet northwest of Bandana Post Office, and is described in the lease as follows:

"Beginning at the center of the mine and running N. 250 feet, thence west 250 feet, thence south 500 feet, thence east 500 feet, thence north 500 feet, thence west 250 feet, to beginning."

EXPLORATION PROJECT CONTRACT
JETER AND HOWARD BOONE
DOCKET NO. DMRA-3356

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 Doc Thomas Mine, Mitchell Co., N. C. DMRA-3356," as follows:

(1) Construct: a toolhouse, 10 feet by 12 feet, a powder magazine, and an exploder magazine. The powder and storage magazines shall be of adequate sizes for storage purposes.

(2) Construct a standard, rigid, A style headframe with a rigid sheave wheel.

(3) Rehabilitate and timber the existing shaft.

(4) Extend the existing shaft an additional 55 feet with two compartments, to an overall depth of 115 feet.

(5) From the bottom of the shaft, explore the pegmatite by driving not more than 75 feet of drifts and/or crosscuts.

The deepened portion of the shaft, and the drifts and/or crosscuts, shall be timbered as necessary and shall have cross-sectional dimensions of not less than 5 feet by 7 feet in the clear of timber.

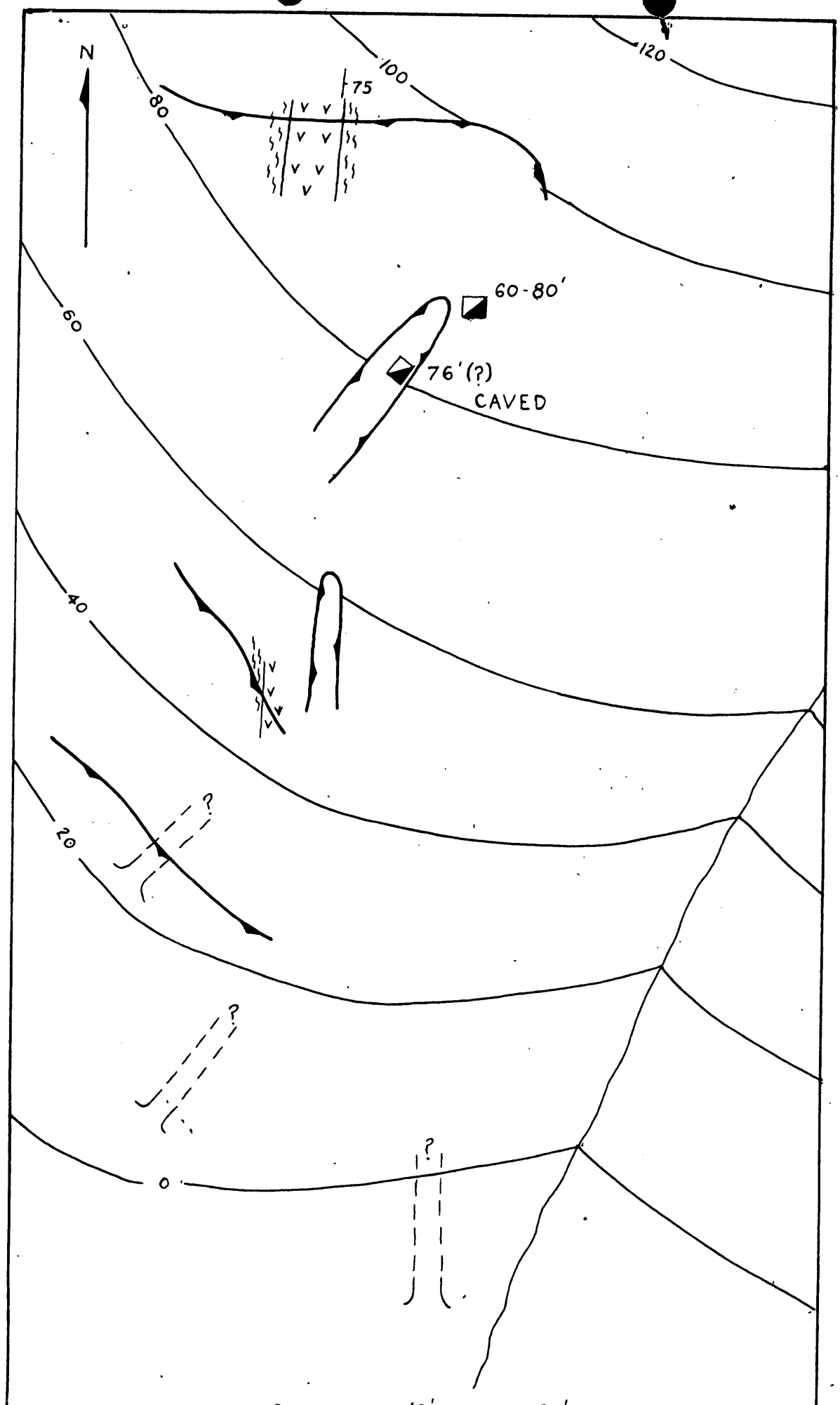
The location, inclination, direction and extent of all work are subject to the approval of the Government.

Fixed Unit Costs

Constructing - Toolhouse 1/	$ 75.00
Powder magazine 1/	25.00
Exploder magazine 1/	13.00
Erecting - headframe 1/	400.00
Rehabilitating 60 feet of shaft @ $8.50/ft.	510.00
Sinking 55 feet of 2 compartment shaft @ $45.00/ft.	2,475.00
Driving 75 feet of drifts and/or crosscuts @ $30.00/ft.	2,250.00
Estimated total cost of project	$5,748.00

Government participation @ 75% $4,311.00

1/ The completed work constitutes the unit.



SKETCH OF

DOC THOMAS MINE

MITCHELL CO., N.C.

DMEA-3356

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 Mitchell, described as follows: 1/

A certain mica mine known as the Doc Thomas Mine, located at Bandana in Mitchell County, N. C. Beginning at the center of the mine and running N. 250', thence West 250', thence South 500', thence East 500', thence North 500', thence West 250' 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/ Jeter Boone and Howard Boone
D/b/a Doc Thomas Miners

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 _____

Dated this 4th day of October, 1954.

Mrs Opal Hunter [Seal] Spruce Pine N.C.
Thad Thomas [Seal] Bakersville N.C.
Mrs Aude Ellis. [Seal] Bakersville N.C.
Mrs D. M. Thomas. Bandana. N. C.
Homer Thomas, 3907. Frank Dr. Columbus. Ga.
Howard Thomas. Spruce Pine. N.C.
Paul Thomas Rt. 1, Lake City, Tenn.

JUL 3 - 1956

Dee Thomas Mineps
c/o Mr. Howard Boone
Route #3
Bakersville, North Carolina

Re: Docket No. DMEA-3336-mica
Dee Thomas Mineps
Howard and Johnr Boone
Dee Thomas Mine
Mitchell County, North Carolina
Contract No. Idm-8711

Gentlemen:

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

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

Your interest in the DMEA exploration program and participation therein are fully appreciated.

Sincerely yours,

G. O. Mittendorf

Administrator

WCAnderson:ms 6/28/56
Copy to: Docket
Operating Committee
Field Team, Region V
Mr. Killegaard, 5222
Mr. Dietrich, 9061
Mr. Hunk
Mr. Anderson
Admr. R. File

Copies to landowners:
Mrs. Carl Gamber
Mr. Thad Thomas
Mrs. Ande Ellis
Mrs. D. M. Thomas
Mr. Homer Thomas
Mr. Howard Thomas
Mr. Paul Thomas

JUL 3 - 1956

Mrs. Earl Gunter

Spruce Pine, North Carolina

Re: Docket No. DMEA-3356-mica
Doe Thomas Minors
Howard and Jeter Boone
Doe Thomas Mine
Mitchell County, North Carolina
Contract No. Idm-8711

Dear Mrs. Gunter:

Reference is made to the Owner's Consent to Lien which you executed on October 4, 1954, in connection with the DMEA contract for an exploration project on your property located in Mitchell County, North Carolina.

For your information, there is enclosed a copy of our letter of this date to Doe Thomas Minors (Howard and Jeter Boone), advising that the Government retains no claim or lien against the property described in the contract or on any future production therefrom.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

WGAnderson:ms 6/28/56

Copy to: Docket
Operating Committee
Field Team, Region V
Mr. Killingsord, 3222
Mr. Dietrich, 3061
Mr. Monk
Mr. Anderson
Admr. R. File

Copies to remaining landowners:
Mr. Thad Thomas
Mrs. Annie Ellis
Mrs. D. M. Thomas
Mr. Homer Thomas
Mr. Howard Thomas
Mr. Paul Thomas

June 29, 1956

Project Summary Report

By: Walter C. Andersen

1. Docket No. DMEA-3356-mica
Contract No. I4m-8711
Dee Thomas Mine
Mitchell County, North Carolina

Operators: Howard and Jeter Boone, Partners
Route #3
Bakersville, North Carolina

Application: Form MF-103(April,1952) received May 18, 1954

Work proposed:
Bulldozer access road, rehabilitate 70 feet of shaft, deepen shaft 34 feet and 100 feet of drifts.

Amount requested:
$7,460.00

Operators' Property Rights:
Lease for five years dated May 13, 1954.
Owner's Consent to Lien dated October 4, 1954.

2. Contract: Form MF-203A(June, 1954) dated September 21, 1954.

Work authorized:

Construction - toolhouse, powder and exploder magazines	$ 113.00
Erecting headframe	400.00
60 feet of shaft rehabilitation @ $8.50/ft.	510.00
55 feet of shaft @ $45.00/ft.	2,475.00
75 feet of drifts and/or crosscuts @ $30.00/ft.	2,250.00
Estimated total cost of project	$5,748.00
Government participation @ 75%	$4,311.00

Amendments: None

Work completed:
same as authorized

Work began on October 18, 1954 and completed March 17, 1955.
Field Team final report received April 29, 1955
Operators' final report received April 29, 1955
About 1500 pounds "mine-run" mica of unknown value produced during project. Operators report that sale to U. S. Government Depot could not be made because of poor quality.
No equipment purchased under the contract.

3. Audit — Report of Review issued March 29, 1955
Accepted Cost $5,748.00
Government participation $4,311.00

4. Certification of Discovery - none issued

5. Comments:

How conducted:
All work in which the Government participated was acceptable and conducted efficiently.

Operation:
very good

Engineering:
reporting by operator was satisfactory.

Geological premise:
The premise that the pegmatite would become richer in mica with depth, similar to adjacent Sinkhole Mine, did not materialize since the mica reserves are neglible and mica found was of very poor quality.

Geological Criteria upon which work was based:
1. Weathered, unzoned pegmatite 14 feet thick, lean in mica.
2. Mica - ruby colored, hard, clear, generally flat, and splits well.
3. Past production.

Criteria developed during project:
1. A zone of irregular, discontinuous pegmatites, essentially conformable to enclosing wall rock, mica-garnet gneiss. Maximum thickness where bodies merge is 2.5 feet. No zoning and considerably weathered.
2. Mica - very poor quality
3. Mica reserves - negligible

Future possibilities - none

Recommendations:
The Nonmetallic Minerals Division concurs in the Field Team's recommendation not to certify. The Commodity members of the Geological Survey and the Bureau of Mines concur.

Walter G. Anderson
Nonmetallic Minerals Division

WCAnderson:ms 6/29/56
Copy to: Mr. Houk
Mr. Anderson
Admr. R. File

Lou — 12-20-55 — The attached letter

yet. Mica may be said —

re - S. Phillips letter July 8, 1955.

6 month period is up now.

Is this correct —

Ask Jane or

the same

Roger

Sam say

he sent

letter

Have closing letter until royalty is paid by Sam Christiano

RECEIVED
JUL 13 1955

C
O
P
Y

Spruce Pine, N. C.
July 8, 1955

Mr. Robert A. Laurence, Executive Officer
DMEA, Region VII, P.O. Building
Knoxville, T ennessee

Re: DMEA-3356, Idm-E711 (mica)

Dear Mr. Laurence:

We have your letter of July 6 regarding the mica recovered from the Doc Thomas Mine, and requesting 5% payment on the sales.

This mica has not been sold, and we are afraid it will not qualify for sale to the U. S. Government Depot. We will make an attempt, however, to sell to them, and will remit payment to you immediately upon receipt of such payment.

Very truly yours,

s/s Sam L. Phillips

cc:
Opr. Com-2
Lynch

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

RECEIVED
JUL - 8 1955

July 6, 1955

Messrs. Jeter & Howard Boone
Route # 3
Colorsville, North Carolina

Re: DMEA-3356, Idm-8711 (mica)
Doc Thomas Mine, Mitchell County, N. C.

Dear Messrs. Boone:

Under Article 7 (b) (1) of the subject contract you are obligated to pay the Government a royalty on all minerals mined or produced from the land "regardless of any certification of discovery or development, from the date of the contract until the lapse of 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;" According to the Final Report, submitted by Mr. Sam M. Phillips, about 1500 pounds of mica was recovered during the exploration.

In order to close out our records on this contract, it would be appreciated if you would send this office your check for the Government's royalty on the above and any other production from the property. The check should be made payable to the Defense Minerals Exploration Administration and should be accompanied by certified copies of the sale slips.

Very truly yours,

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

RAL/mm
cc:
Opr. Cont.-2
Sam Phillips
Lynch
Files
Shirley

JUN 27 1955

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

Dear Mr. Laurence:

Reference is made to a number of uncertified projects which have been completed or terminated, but no closing letters have been written because of the unsettled situation with regard to royalties.

Under the following contracts, having royalty provisions regardless of certification, the Field Team reported production, either of known or unknown values:

Docket No.	Contract No.	Value of production during project
DMEA-2909	Idm-E524	Unknown
DMEA-3248	Idm-E705	Unknown
DMEA-3329	Idm-E714	$70.00
DMEA-3356	Idm-E711	Unknown
DMEA-3391	Idm-E704	$40.00
DMEA-3402	Idm-E702	Unknown

In order to close out these contracts it will be appreciated if you will take whatever action you deem appropriate for collection of these royalties. It is suggested in the case of unknown values of production during the project that an estimate be made agreeable to the Government and the Operators.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

WCAnderson:gad 6/22/55

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

IN REPLY REFER TO:

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

May 19, 1955

Re: DMEA-3356, Idm-E711
Jeter & Howard Boone
Doc Thomas Mine
Mitchell Co., N. C.
Mica

Memorandum

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

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

Subject: Review of Final Report

A review of the application and the Field Team reports suggests the work was done in the wrong place, due probably to the fact the old shaft and cut were filled in and geologic mapping near the vertical shaft could not be done. Some intimation of what was to be expected should have been apparent.

I concur with the conclusions of the final report.

N. E. Nelson

N. E. Nelson

NENelson:hlm
G-5/19/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
W. F. Dietrich, 3061 Interior

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

Defense Minerals Administration
RECEIVED
MAY 10 1955

May 9, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3356 (mica)

Applicant: Jeter and Howard Boone

Name and Location of Property: Doc Thomas Mine
Mitchell County, North Carolina

Contract Number: Idm-2711

Date of Field Team Report: 4-27-55

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 5-4-55

Field Team Recommendation:
1. Denial of certification.

Comments:
1. Mica of poor quality was recovered during DMEA exploration but no sales have been made.

2. Reserves are negligible.

3. Expenditures - Total approved $5,748
Total cost 5,748
Gov't. share of the cost 4,311
Value of production during operation ?

Recommendation:

I concur in the field team recommendation to deny certification.

Signed

W. F. Dietrich

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

COPY

ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

April 27, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region 5, Knoxville, Tennessee

Subject: Final Reports on: Idm-E711, DMEA-3356 (mica) Doc Thomas Mine
Jeter & Howard Boone, North Carolina

Transmitted are 4 copies each of the Operator's and Field Team final reports on the subject contract. The Field Team concurs with the examiners that no certificate of discovery or development should be issued.

/s/ ROBERT A. LAURENCE
Robert A. Laurence
EXECUTIVE OFFICER
DMEA Region V

/s/ V. J. LYNCH
V. J. Lynch
Member, Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
5-4-55
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
OF
FIELD TEAM, REGION V

On

DMEA-3356, DOC THOMAS MINE
(mica)
Mitchell County, N. C.

By

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

and

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

April 15, 1955

Reviewed by
DMEA OPERATING COMMITTEE
5-4-55
(date)

FINAL REPORT
On
DMEA-3356m Idm-E711, DOC THOMAS MINE
(mica)

Operators: Jeter and Howard Boone, Route #3, Bakersville, N. C.

Location : On the north side of Bandana Hollow, 1500 feet northwest of the Bandana Post Office, Mitchell County, N. C.

Work completed under this contract consisted of constructing a toolhouse, two magazines and a rigid headframe; rehabilitating and timbering an existing 60-foot vertical shaft; deepening this shaft an additional 55-feet; and driving 75 feet of laterals from the bottom of the shaft. As only a limited quantity of poor quality mica was revealed by the work completed, it is recommended that no certification of discovery be issued. Additional exploratory work is not warranted.

Work began October 18, 1954, and was completed March 17, 1955. A toolhouse, powder magazine, exploder magazine and rigid headframe were constructed. An existing 60-foot vertical shaft was trimmed to 5' x 7' in cross-section and timbered, and was then sunk an additional 55 feet. An 82-foot lateral, 7 feet of which was done at the Operator's expense, was driven from the 111-foot level of the shaft as follows: (2) 25 feet in a S. 20° E. direction, and (2) 57 feet in a S. 35° W. direction. The old works were encountered in this lateral about 75 feet from the shaft bottom.

A zone of irregular and in part discontinuous pegmatites were exposed in the lower part of the shaft and in the lateral. The pegmatites are essentially conformable but locally crosscut the foliation of the enclosing wall rock, mica-garnet gneiss. They branch and merge along the strike with a maximum number of four bodies exposed in the lateral. The maximum thickness where the bodies merge is about 2.5 feet. They strike N- 25-40° E. and dip 60-70° to the southeast and consist of plagioclase, quartz, perthite, muscovite and garnet, in order of abundance. No zoning is apparent. Both pegmatite and country rock are considerably weathered near the head of the lateral in the vicinity of the bottom of old workings.

About 1500 pounds of "mine-run" mica were recovered from the lateral driven under the contract. Large sizes were common but the mica is of very poor quality, being very badly mineral-stained and in part reeved and tied. No sales have been made to date.

Reserves revealed by work done under the contract are negligible.

Reviewed by
DMEA OPERATING COMMITTEE
5-4-55
(date)

Expenditures:

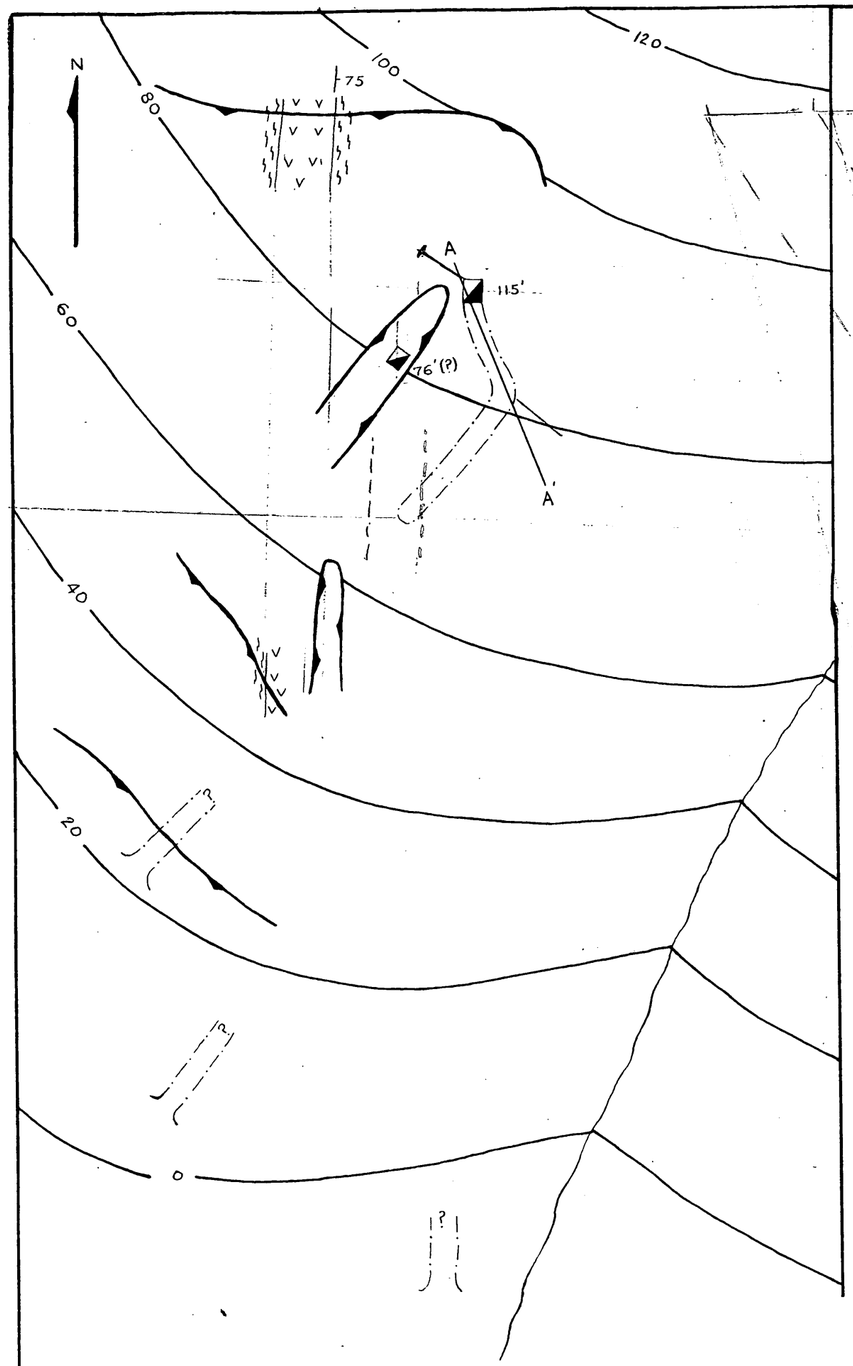
(a)	Total approved	$5,748.00
(b)	Total cost of project	5,748.00
(c)	Government's share of cost	4,311.00
(d)	" " unexpended	None
(e)	Value of production during opr.	?

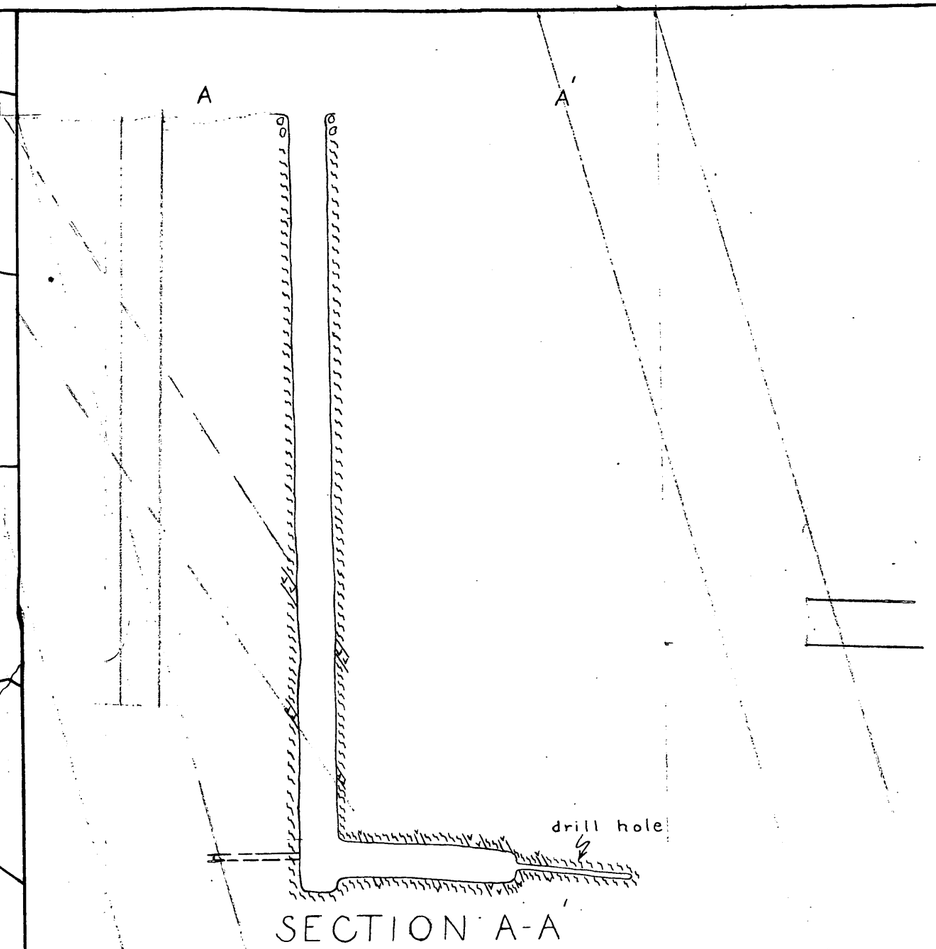
The project was conducted in an efficient and very satisfactory manner. No equipment was purchased under the contract. This operator is to be commended for a job well done.

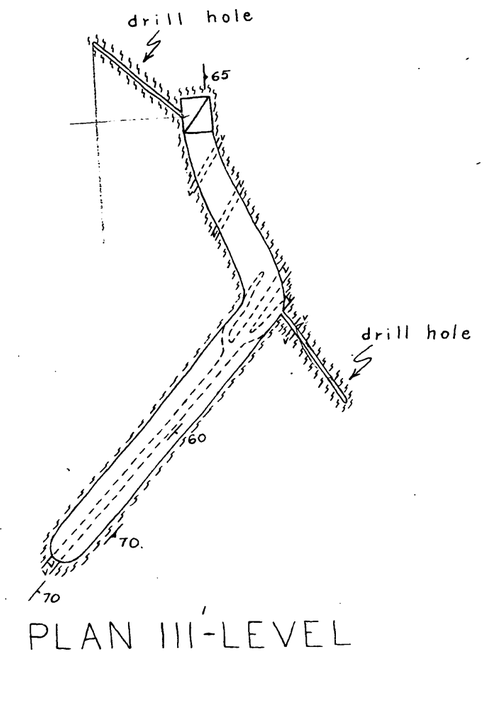
April 15, 1955.

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

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







0 20' 40'
SCALE

- Mica gneiss
- v v Pegmatite
- x x Quartz
- Shaft
- Strike & dip of foliation
- Strike & dip of contact
- Contact, approx. where dashed
- Cut
- Outline of underground workings

SKETCH OF DOC THOMAS MINE

MITCHELL CO., N.C.

DMEA-3356 (mica)
March 17, 1955

APR 29 1955

APR 29 1955

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

DEPARTMENT OF THE INTERIOR
Public Lands Administration
RECEIVED
APR 29 1955

April 27, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region 5, Knoxville, Tennessee

Subject: Final Reports on: Idm-E711, DMEA-3356 (mica) Doc Thomas Mine
Jeter & Howard Boone, North Carolina

Transmitted are 4 copies each of the Operator's and Field Team final reports on the subject contract. The Field Team concurs with the examiners that no certificate of discovery or development should be issued.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch
Member, Bureau of Mines

ZM.
cc:
Lynch
Shirley
Files

Spruce Pine, North Carolina
March 18, 1955

Mr. Robert A. Laurence, Executive Officer
D.M.E.A., Region VII
P.O. Building, Knoxville, Tenn.

Re: DMEA-3356, Idm-E 711
Doc Thomas Mine

Dear Mr. Laurence:

The following will serve as a final report on the above project:

Work began at the Doc Thomas Mine on October 13, 1954 and was completed on March 17, 1955. We constructed tool house, powder and exploder magasines, and head frame. We rehabilitated and timbered 60' of existing shaft, then sank a shaft an additional 55' through hard rock. We contacted a small vein at approximately 98'. The shaft was to a depth of 115', and at this depth we had a small vein in the corner of our shaft. We followed this vein in a direction recommended by the field team, and after driving in vein material a distance of approximately 70', we ran into old works. We continued to drift a distance slightly in excess of the 75' called for in the contract, in an effort to find any other vein in the vicinity.

About 1500# of mica was recovered from the entire operation. This mica is of a very poor quality, having reeves and spots and is not free-splitting.

On the last of the field team's visits on March 17, it was suggested to us that we continue exploring on our own for an additional two weeks, which we plan to do. We are of the opinion that no appreciable amount of strategic quality mica will be found.

We wish to thank the field team for their advice and cooperation on the Doc Thomas project. If further details are necessary, please let us know.

Very truly yours,

Sam L. Phillips

Sam L. Phillips

RECEIVED
MAR 22 1955
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

p/b

Anderson

INTERIM REPORT

DMEA-3356, Idm-E711 (mica) DOC THOMAS MINE

Operator: Jeter and Howard Boone, partners, R#3, Bakersville, N. C.

Location: On the north side of Bandana Hollow, 1500 feet northwest of Bandana Post Office, Mitchell County, N. C.

This contract has been completed. A visit was made to the mine to show the visiting dignitaries some of the problems encountered while the contract was in force. The Operators have stated recently that since ~~sinking~~ stoping attempts have been unsuccessful, no additional work at their own expense will be attempted.

Ther H. Killsgaard and Lawrence G. Houk accompanied the examiners on this visit to the mine.

Visited March 28, 1955.

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

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

Anderson

INTERIM REPORT

DMRA-1356, Idm-K711 (mica) DOC THOMAS MINE

Operator: Jeter and Howard Boone, Ptnrs. R#3, Bakersville, N. C.

Location: On the north side of Bandana Hollow, 1500 feet northwest of Bandana Post Office, Mitchell County, N. C.

This contract has been completed without making a sizeable discovery of strategic mica. Work completed under contract consisted of construction of a headframe, toolhouse, powder and exploder magazines, rehabilitation of an existing 60 ft. shaft, sinking the existing shaft an additional 55 feet, and driving 75 feet of drift. Pegmatite was encountered in both shafting and drifting and an underterminad amount of badly stained mica was recovered.

The Operator states that drifting will continue at his own expense in an effort to make a discovery of strategic mica. This project was conducted very satisfactorily and the Operator is to be congratulated for his cooperation in making this a safe operation.

Inspected: March 17, 1955

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

K. M. Teague and R. N. Amos, Geologists
U. S. Geological Survey

Region V

P. O. Box 217
March 25, 1955

Memorandum

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

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

Subject: Monthly Reports and Vouchers

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

Idm-E-711 — Jeter and Howard Boone
DMEA Docket No. 3356
6th and Final payment - month of March
Completion Date: 3/17/55
Amount $675.00

Idm-E-752 — Cooper Mining Company
DMEA Docket No. 3468
3rd and Final payment - month of March
Completion Date: 3/17/55
Amount $973.50

Helen R. Miller

Attachments 4
/hbm
Copies to V. J. Lynch
R. A. Laurence
Region Files
Day Files

Final Voucher

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID BY CHECK TO SUBSIDIARY OF DATE 3-

50

OPERATOR'S MONTHLY REPORT AND VOUCHER

Department of the Interior
Defense Minerals Administration
RECEIVED
MAR 28 1955

Month of March, 195 5 Docket No. DMEA 3356 Contract No. Ida-3 711
Operator's Name Jotor and Howard Boone Minerals Mica
Address Rt. 3, Bakersville, N. C.
Contract Amount, $ 5743.00 Government Participation: 75 % Amount, $ 4311.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
30' Drifting @ 30.00	900.00	1350.00	2250.00			
Chart		2475.00	2475.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Headframe		400.00	400.00			
Rehabilitating Shaft		510.00	510.00			
(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						
Foodhouse		75.00	75.00			
Powder & Exploder Mags.		33.00	33.00			
(8) Contingencies (specify):						
TOTALS	900.00	4843.00	5743.00	900.00	4848.00	5748.00

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

Date 3-18-55 *Payee Jotor & Howard Boone

Per Howard Boone Title Partner

*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:

$ 675.00

Signature Helen R. Mullin
(Authorized Certifying Officer)

Date 3-25-55 Vou. No.
(See other side)

22500

(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. Tdm-E711 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date March 21, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date MAR 22 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.

n MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 28 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 195 5 Docket No. DMEA 9956 Contract No. DMC-3712
Operator's Name Joter and Howard Boone Minerals Mica
Address Route 3, Bakersville, 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
~~Rehabilitating Shaft~~				~~510.00~~	~~60~~	~~8.50~~	~~60~~	~~8.50~~
30 Drifting 30.00	Ft.	900.00	30	2250.00	75	30.00	75	30.00
Crosscutting								
Raising								
Shafts				2475.00	55	45.00	55	45.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		900.00		5235.00				Total Costs Authorized by Contract
Headframe				400.00				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				73.00				
Powder & Exploder Magazines				30.00				
Total Costs		900.00		5738.00				

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 3-10-55 Operator Joter & Howard Boone

Per Howard Boone Title Partner

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

OPERATOR'S
MONTHLY PROGRESS REPORT

March, 1955

DMEA-3356

Idm-E 711

Work Accomplished:

We continued to drift in the direction suggested by the DMEA Field Team and the drift was in vein material the last 30' of contract footage. We contacted some mica in the last part of the footage, but the mica had reeves and spots and was not free-splitting. We recovered about 500# of mica in this last 30 feet. The last visit of the field team was on March 17, at which time we had completed the contract drift. //

Daily Notes:

March 1 - 4 : Drilled and shot, then mucked. In vein material, but no mica.

March 7 - 11 : Began to encounter some mica, of poor quality. Continued to drift, drilling, shooting and mucking. Recovered a few bags of mica.

March 14 - 17 : Field team visited on March 17. Footage on contract completed.

INTERIM REPORT

DMEA-3356, Idm-E711(mica) DOC THOMAS MINE

Operator: Jeter and Howard Boone, Route #3, Bakersville, North Carolina

Location: On the north side of Bandana Hollow, 1500 feet northwest of Bandana Post Office, Mitchell County, N. C.

Drifting continues to the southeast on this contract and is now at 45 feet. Only one pegmatite body is evident in the present heading, in contrast to four observed during the previous visit. This body is about 2.5 feet in thickness, strikes N. 35° E. and dips 60° SE. A thin pegmatite stringer containing some mica injected into the wall rock was observed on the southeast wall of the drift. 30 feet of drift remains to be driven under contract, and the Operator was advised to continue driving in the same direction. Progress on this contract is satisfactory.

Inspected: March 3, 1955.

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

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

DMF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1955 Docket No. DMEA 3356 Contract No. Idm-E711
Operator's Name Jeter and Howard Boone Minerals Mica
Address Route 3, Nebraville, N. C.
Contract Amount, $ 5745.00 Government Participation: 75 % Amount, $ 4311.00

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						
45' Drifting @ 30.00 ft.	1350.00		1350.00			
Shaft		2475.00	2475.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Headframe		400.00	400.00			
Rehabilitating Shaft		510.00	510.00			
(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						
Toolhouse		75.00	75.00			
Powder & Exploder Mags.		33.00	33.00			
(8) Contingencies (specify):						
TOTALS	1350.00	3493.00	4843.00	1350.00	3498.00	4848.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 3-1-55 *Payee Jeter and Howard Boone

Per Howard Boone Title Partner

*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:

$ 1012.50

Signature Helen R. Meier
(Authorized Certifying Officer)

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

5

337.50

(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. Hm-E 711 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date March 7, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date MAR 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.

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
MAR 1 1 1955

Month of February 1955 Docket No. DMEA 3356 Contract No. [illegible]
Operator's Name Joter and Howard Boone Minerals Mica
Address Route 3, Roberoville, 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
~~Rehabilitating Shaft~~				~~510.00~~	~~60~~	~~8.50~~	~~60~~	~~8.50~~
45' Drifting 0 30.00	Ft.	1350.00		1350.00	45	30.00	75	30.00
Crosscutting								
Raising								
Shafts				2475.00	55	45.00	44	45.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1350.00		4335.00				Total Costs Authorized by Contract
Headframe				400.00				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. Powder				75.00				
Powder & Exploder Magazine				33.00				
Total Costs		1350.00		4843.00				

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 3-1-55 Operator Joter & Howard Boone

Per Howard Boone Title Partner

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

OPERATOR'S
Monthly Report of Progress

February, 1955

DMEA-3356

Idm-E 711

Work Accomplished:

After we had driven the drift about 12', we picked up a small mica vein which has continued to get some larger and is now about 2½' wide. It seems that two veins have come together to make up this vein. The quality of mica in this vein is poor, being gummy and containing some spots. We have recovered about 250 lbs. of this mica, and have drifted 45' during February.

Daily Notes:

Feb. 1 - 4 - Drilled and shot, then mucked. In vein material but no mica.

Feb. 7 - 11 - Continued with drift, picking up small mica vein at 12'. Recovered some mica, poor quality.

Feb.14 - 18 - Drilled and shot, recovered more poor quality mica. Mucked, repeated same operations.

Feb.21 - 28 - Two veins seem to come together, making one vein now about 2½' wide. Recovered more mica, making a total of about 250 lbs. Continued with same operations.

680 Anderson

INTERIM REPORT

DMEA-3356, Idm-E 711 (mica) DOC THOMAS MINE

Operator: Jeter and Howard Beene, Ptnrs. Route # 3, Bakersville, N. C.

Location: On the north side of Bandana Hollow, 1500 feet northwest of Bandana Post Office, Mitchell County, N. C.

Crosscutting and drifting is underway on this contract and now totals 25 feet, 14 feet has been driven S. 15° E., and the remaining 11 feet in a S. 25° E. direction. Several pegmatite stringers were observed in the face, along both walls and in the roof with the following thicknesses (from ~~[illegible]~~ the northeast to southwest walls): 1.3', 1.7', 0.6' and 1.3'. The composition of the stringers are about the same and all contained some mica. The Operator was advised to continue driving until another visit can be made.

A track, and car for handling muck, has been extended for a short distance into the crosscut. All work accomplished to date has been conducted efficiently and satisfactorily.

Inspected: Feb. 17, 1955.

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

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

Defense Minerals Administration
RECEIVED
FEB 11 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

INTERIM REPORT

DMEA-3356, Idm-N 711, DOG THOMAS MINE (mica)

Operator: Jeter and Howard Boone, Ptners. R#3, Bakersville, N. C.

Location: On the north side of Bandana Hollow, 1500 feet northwest of Bandana Post Office, Mitchell County, N. C.

Shaftsinking has been completed on this contract. A crosscut has been turned off and advanced 3 feet in a S. 10° W. direction. A drill hole in the head of this lateral cut about 4 feet of pegmatite.

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

Date of examination: February 3, 1955.

K. H. Teague and D. H. Amos, Geologists
U. S. Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
SOUTHEASTERN REGION
REGION VII
HAMILTON BANK BUILDING

OFFICE OF
REGIONAL DIRECTOR

POST OFFICE BOX 1909
KNOXVILLE, TENNESSEE

Department of the Interior
Bureau of Mines, Hamilton Bk.
Received
FEB 9 1955

February 8, 1955

Memorandum

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

From: Administrative Assistant, Knoxville, Tennessee

Subject: Monthly reports and vouchers

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

Idm-E-711 — Joker and Howard Boone
DMEA Docket No. 3356
4th payment - month of January
Amount $306.25

Idm-E-712 — Rank Mining Company
DMEA Docket No. 3420
4th payment - month of January
Amount $450.00

Idm-E-714 — Henry Lee Robinson
DMEA Docket No. 3329
1st payment - month of December
Amount $787.50

Idm-E-719 — R. G. Thomas et al.
DMEA Docket No. 3425
1st payment - months of November, December and January
Starting Date: 11/1/54
Amount $1875.00

Idm-E-726 — Bob Buchanan and W. R. Johnson
DMEA Docket No. 3452
4th payment - month of January
Amount $431.25

Idm-E-734 Howard Boone and John Jarrett
IMEA Docket No. 3.52
2nd payment - month of January
Amount $705.00

Helen R. Miller

Attachments 12
/hbm
Copies to R. A. Laurence
W. A. Beck
Region Files
Day Files

Form MF-10 (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- 35

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED Defense Minerals Administration FEB 9 1955

Month of January, 1955 Docket No. DMEA 3356 Contract No. Idm-E711
Operator's Name Jeter and Howard Boone Minerals Mica
Address Rt. 3, Bakersville, N. C.
Contract Amount, $ 5748.00 Government Participation: 75 % Amount, $ 4311.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Rehabilitating Shaft		510.00	510.00			
15' Shaft @ 45.00 ft.	675.00	1800.00	2475.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Headframe		400.00	400.00			
(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						
Toolhouse		75.00	75.00			
Powder & Exploder Mags.		38.00	38.00			
(8) Contingencies (specify):						
TOTALS	675.00	2823.00	3498.00	675.00	2823.00	3498.00

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

Date 2-2-55 *Payee Jeter and Howard Boone

Per Jeter Boone Title Partner

*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:

$ 506.25

Signature Helen R. Miller
(Authorized Certifying Officer)

Date 2-8-55 Vou. No.
(See other side)

4

168.75

(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-E711 in accordance with the terms of the contract.

Signature Henry H. Amos Title Geologist-USGS Date Feb 7, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VI Date FEB 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-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
FEB - 9 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 195 5 Docket No. DMEA 3356 Contract No. Idm-E711

Operator's Name Jeter and Howard Boone Minerals Mica

Address Route 3, Bakersville, 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
Rehabilitating Shaft				510.00	60	8.50	60	8.50
Drifting								
Crosscutting								
Raising								
15' Shafts @ 45.00	Ft.	675.00	15	2475.00	55	45.00	55	45.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		675.00		2985.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Headframe				400.00				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. Toolhouse				75.00				
Powder & Exploder Magazines				38.00				
TOTAL COSTS		675.00		3498.00				

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 2-2-55 Operator Jeter and Howard Boone

Per Jeter Boone Title Partner

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

OPERATOR'S
MONTHLY REPORT OF PROGRESS

January, 1955

DMEA-3356

Idm-E 711

Work Accomplished:

We have completed the entire shaft, and are at a depth of 115'. We were in slate the last part of the way, and the formation became harder. At the 100' level, the shaft cut through a small pegmatite which we ran right out of and the last 10' of shaft was in solid slate. We put out some extension steel drill holes and did not contact any vein.

Daily Notes:

Jan. 3 - 7 - Drilled and shot in slate and in a small vein. Mucked.

Jan. 10 - 14 - Shaft went through the small vein and back into solid slate. Drilled, shot and mucked.

Jan. 17 - 21 - Continued down with shaft, finding it necessary to drill and shoot continually in hard slate.

Jan. 21 - 31 - Completed the contract on the shaft. No mica was found. We put out some extension steel drill holes but found no trace of vein.

Darlington

RECEIVED
JAN 26 1955

INTERIM REPORT

DMEA-3356, Idm-5711, (mica) DOC THOMAS MINE

Operator: Jeter and Howard Boone, Ptners. R#3, Bakersville, N. C.

Location: On the north side of Bandana Hollow, 1500 feet northwest of Bandana Post Office, Mitchell County, N. C.

Shaft sinking continues on this contract and coupled with rehabilitation now totals 104 feet. The Operator was advised to continue sinking to a total depth of 115 feet. Pegmatite material in the form of thick pods or lenses was observed on the northwest and southeast sides of the shaft. Very little mica has been obtained from material encountered to date.

Guides for a crosshead have been installed to near bottom and will continue to depth. The mine foreman is pleased with efficiency and speed of this hoisting arrangement. Progress on this contract is satisfactory.

Examined: January 5, 1955.

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

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

Form MF-504 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-

Defense Minerals Administration
RECEIVED

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1954 Docket No. DMEA 3356 Contract No. 3-1954-E-711

Operator's Name Jeter and Howard Boone Minerals Mica

Address Rt. 3, Bakersville, N. C.

Contract Amount, $ 5748.00 Government Participation: 75 Amount, $ 4311.00

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		510.00	510.00			
Drifting						
30' Shaft @ 45.00 ft.	1350.00	450.00	1800.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Headframe		400.00	400.00			
(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						
Toolhouse		75.00	75.00			
Powder & Exploder Mags.		38.00	38.00			
(8) Contingencies (specify):						
TOTALS	1350.00	1473.00	2823.00	1,350.00	1,473.00	2,823.00

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

Date 1-3-55 *Payee Jeter & Howard Boone

Per Howard Boone Title Partner

*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:

$ 1,012.50

Signature Helen R. Mullin
(Authorized Certifying Officer)

Date 1-11-55 Vou. No.
(See other side)

3

337.50

(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. Tm-E711 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. Date Jan. 10, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence 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 83-38476

Send 5 - Keep one

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
JAN 13 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1954 Docket No. DMEA 3356 Contract No. Idm-5711

Operator's Name Jeter and Howard Boone Minerals Mica

Address Rt. 3, Bakersville, 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
Rehabilitating Shaft				510.00	60	8.50	60	8.50
Drifting								
Crosscutting								
Raising								
Shafts @ 45.00 ft. 30'	Ft.	1350.00	30	1800.00	40	45.00	55	45.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1350.00		2310.00				Total Costs Authorized by Contract
Headframe				400.00				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
Toolhouse				75.00				
New Buildings, Improvements, etc.				38.00				
Powder & Exploder Magazines								
Total Costs		1350.00		2823.00				

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 1-3-55 Operator Jeter & Howard Boone

Per Howard Boone Title Partner

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

(Instructions on reverse)

Remarks:

(For Government use only)

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

OPERATOR'S
MONTHLY REPORT OF PROGRESS

Month of December, 1954

DMEA-3356

Idm-E711

Work Accomplished:

We lowered the shaft 30' during December, and except for bad weather had no particular difficulties. We hit vein material at the 35' level, and as we progressed downward came into more vein and harder material. No mica found.

Daily Notes:

Dec. 1 - 3 - Drilled and shot. Mucked.

Dec. 6 - 10 - Continued to lower shaft. Find more shooting necessary as material becomes harder.

Dec. 13 - 17 - Drilled and shot, mucked. Heavy snow and severe weather kept operation slow during week.

Dec. 20 - 24 - Began to hit vein material, showing some slate and feldspar. Continued to drill and shoot.

Dec. 27 - 31 - Vein material looks hopeful, is harder and shows slate. Reached 100 ft. level with shaft.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1955

INTERIM REPORT

DMEA-3356, Idm-E 711, Dec Thomas Mine (mica)

Operator: Jeter and Howard Boone, R#3-Bakersville, North Carolina

Location: On the north side of Bandana Hollow, 1,500 feet northwest of Bandana post office, Mitchell County, N. C.

Shaft sinking continues on this contract and coupled with rehabilitation now totals 90 feet. The Operator was advised to continue sinking until another examination can be made.

Most of the recent work has encountered weathered schist with an occasional small pod or lense of granite or pegmatite material. At the present depth, a rather thick (3 ft. maximum) lense of pegmatite is exposed on the east side of the shaft and in the bottom, striking N 30° E. and dipping 65-70° SW. About 30 pounds of block mica has been recovered from this quartz-feldspar body.

The shaft has been cribbed solid to near bottom and separated partition with landings and ladders at 10-foot intervals extends to cribbed depth. A rigid sheave has been mounted on the headframe and the foreman reports considerable improvement in hoisting. Guides and crosshead will be installed within the coming week. Progress on this contract us satisfactary.

Mr. Robert A. Laurence, Executive Officer, DMEA-Region VII, accompanied the Examiners on this visit to the mine.

December 15, 1954.

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

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

Mr. Anderson

INTERIM REPORT

DMEA-3356 Ice-W71 (Mica) LOG THOMAS MINE

OPERATOR: Jeter and Howard Boone, Partners, Route #3, Bakersville, N. C.

LOCATION: On the north side of Bandana Hollow, 1500 feet northwest of Bandana Post Office, Mitchell County, N. C.

The rehabilitation of the existing shaft has been completed and sinking in new ground is underway on this contract.

Rehabilitation work was taped to a depth of 62 feet and 12 feet of new work has been accomplished. Material encountered is primarily a weathered schist containing occasional stringers of granitic and pegmatitic rock.

The shaft has been timbered to the present bottom. The installation of a rigid sheave to replace a hanging block was discussed with the operator. Guides for a crosshead will be installed. Progress on this contract is satisfactory.

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

K. K. Yeagus & B. H. Amos, Geologists
U. S. Geological Survey

December 2, 1954

Form MF-704 (Rev.)
(April 1952)

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 6

Budget Bureau No. 42-R1036.5

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

Month of November, 1954 Docket No. DMEA 3356 Contract No. Idm-E711
Operator's Name Jeter and Howar d Boone Minerals Mica
Address Route 3, Bakersville, N. C.
Contract Amount, $ 5748.00 Government Participation: 75 % Amount, $ 4311.00

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						
10' Shaft @ 45.00 ft.	450.00		450.00			
60' Rehabilitating Shaft @ 8.50	510.00		510.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Headframe		400.00	400.00			
(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						
Toolhouse		75.00	75.00			
Powder & Exploder Magazines		38.00	38.00			
(8) Contingencies (specify):						
TOTALS	960.00	513.00	1473.00	960.00	513.00	1473.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 12-1-54 *Payee Jeter & Howard Boone

Per Howard Boone Title Partner

*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:

$ 720.00

Signature
(Authorized Certifying Officer)

Date DEC Vou. No. 96
(See other side)

240.00

(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-E711 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Dec. 3, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date DEC 7 1954

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-134A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1954 Docket No. DMEA 3356 Contract No. Idm-E711

Operator's Name Jeter and Howard Boone Minerals Mica

Address Route 3, Bakersville, 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
60' Rehabilitating Shaft	Ft.	510.00	60	510.00	60	8.50	60	8.50
Drifting								
Crosscutting								
Raising								
10' Shafts @ 45.00 ft.	Ft.	450.00	10	450.00	10	45.00	55	45.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		960.00		960.00				Total Costs Authorized by Contract
Headframe				400.00				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
Toolhouse				75.00				
New Buildings, Improvements, etc.								
Powder & Exploder Magazines				38.00				
Total Costs		960.00		1473.00				

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 12-1-54 Operator Jeter & Howard Boone

Per Howard Boone Title Partner

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

OPERATOR'S
MONTHLY PROGRESS REPORT

Month of November,1954

DMEA- 3356, Idm-E 711

Work Accomplished:

Timbered and rehabilitated 60' of old shaft, sunk timbered shaft an additional 10'. Moved in and set up hoist and air compressor. Spent most of month timbering and trimming old shaft, as it was about 6'x6' and had to be changed to 5'x7'.

Daily Notes:

Nov. 1 - 5 - Timbered, trimmed and worked on old shaft most of week. Moved in and set up Hoist.

Nov. 8- 12 - Timbered, worked on old shaft. Moved in compressor.

Nov. 15-19 - Continued rehabilitating old shaft; timbered. Field Team visited mine.

Nov. 22-26 - Reached bottom of old shaft, began lowering shaft below this level. Had to shoot quite a bit.

Nov. 29-30 - Drilled and shot, mucked. In vein material, and reached the 10' level below the old shaft.

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

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

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

Month of October 1954 Docket No. DMEA 3356 Contract No. Ion-E711
Operator's Name Joter and Howard Boone Minerals Mica
Address Rt. 3, Bakersville, N. C.
Contract Amount, $ 5743.00 Government Participation: 75% Amount, $ 4311.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Headfra me	400.00	-	400.00			
(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						
Toolhouse	75.00		75.00			
Powder & Explodor Magazines	38.00		38.00			
(8) Contingencies (specify):						
TOTALS	513.00		513.00	513.00		513.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 11-2-54 *Payee Joter and Howard Boone
Per Howard Boone Title Partner

*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:
$ 384.75
Signature Helen R. Miller
(Authorized Certifying Officer)
Date NOV 23 1954 Vou. No. 86
(See other side)

128.25

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tm-E711 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. 4.8.m Date Nov. 5, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date NOV 8 1954

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 83-38476

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

Month of October 195 54 Docket No. DMEA 3356 Contract No. Idm-E711

Operator's Name Jeter and Howard Boone Minerals Mica

Address Rt. 3, Bakersville, 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								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
								TOTAL COSTS AUTHORIZED BY CONTRACT
TOTAL DISTRIBUTED COSTS								
Powder & Exploder Magazines		38.00		38.00				
Headframe		400.00		400.00				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Toolhouse		75.00		75.00				
TOTAL COSTS		513.00		513.00				

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 11-2-54 Operator Jeter & Howard Boone

Per Howard Boone Title Partner

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.

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GPO 83-38475

OPERATOR'S

MONTHLY REPORT OF PROGRESS

DMEA- 3356

Idm-E711

Date Work Began: 10-18-54

Work Accomplished:

We have moved in materials and erected headframe, built toolhouse and powder and exploder magazines.

Daily Notes:

Oct. 18 - 19	Moved in lumber and materials.
Oct. 20 - 22	Built tool house and began work on headframe.
Oct. 25 - 29	Completed work on headframe as per contract, and built powder and exploder magazines. Brought in supplies.

Anderson

INTERIM REPORT

DMEA-[illegible] Idp-[illegible] (Idaho) DOC THOMAS MINE

OPERATOR: Jetsy and Howard Reams, Partners, Route #3, Bakersville, N. C.

LOCATION: On the north side of Bandana Hollow, 1500 feet northwest of Bandana Post Office, Mitchell County, N. C.

The rehabilitation of an existing shaft is underway on this contract and is now at 56 feet. Sinking will begin as soon as rehabilitation is completed an additional 4 feet.

Rehabilitation consisted of trimming and timbering the shaft to 5' x 7' in the clear of timber. The shaft is two compartment with separated manway which contains staggered ladders and landings at 10 feet intervals. Sawed oak timbers, 2" x 8", were used for cribbing. The rigid headframe, tool house, powder and cap magazines, have been completed. Material encountered during trimming consisted of a weathered mica schist containing stringers of pegmatite.

Progress on this contract is satisfactory and quality of work completed is very good.

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

K. H. Teague & D. H. Annis, Geologists
U. S. Geological Survey

November 14, 1954

INTERIM REPORT

DMRA-[illegible] Idm-[illegible] (mine) DOC THOMAS MINE

OPERATOR: Jeter and Howard Deane, Partners, Route 3, Bakersville, N. C.

LOCATION: On the north side of Bandana Hollow, 1500 feet northwest of Bandana Post Office, Mitchell County, N. C.

Starting date on this contract is October 25, 1954. Construction of an "A" type head frame and tool house has been completed. Suggestions were made concerning strengthening of supports on the head frame, which is about 30 feet in height. 6" x 8" sawed oak uprights and 2" x 6" sawed oak bolted cross pieces constitute timbers used. The uprights have been set on 6" x 6" equivalent sills. The use of correct sheave for rope to be used was stressed. No work has begun on deepening the existing shaft. Progress on this contract is satisfactory.

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

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

November 4, 1954

SEP 21 1954 600

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

Subject: Docket No. DMEA-3356 - Mica
Doe Thomas Minerals
Doe Thomas Mine
Mitchell 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. It is subject to attachment of MF-203, July 1, 1954.

If the contract meets with your approval present it to the Operators for approval and signature. Please explain to the Operators that the contract, when executed, is a firm commitment under the terms of which they are 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 Operators 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 July 22, 1954, and from the Bureau of Mines, dated July 13, 1954, are enclosed. Copy of memorandum from Legal, dated September 15, 1954, is enclosed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:
J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

Enclosures 11

WCAnderson:gad 9/17/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5227
Mr. Houk

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

September 15, 1954

Memorandum

To: The Administrator, DMEA
Through: Mr. L. G. Houk

From: Acting Assistant Solicitor, Defense Minerals

Subject: Jeter and Howard Boone, Docket No. DMEA-3356 (Mica)

Attached is a contract covering the above-described project in satisfactory legal form for execution, subject to the attachment of a new Owner's Consent to Lien on the form revised July 1, 1954.

J. L. Hofflund

J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

Attachments 8
H.C. Rubin
~~JLHofflund~~/amd

Copy to: DMEA Docket
Solicitor's Docket
L. G. Houk (2)
J. L. Hofflund
H. C. Rubin
chron.

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

September 15, 1954

Memorandum

To: The Administrator, DMEA
Through: Mr. L. G. Houk

From: Acting Assistant Solicitor, Defense Minerals

Subject: Jeter and Howard Boone, Docket No. DMEA-3356 (Mica)

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J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

Attachments 8
H. C. Rubin
~~JLHofflund~~/mad

Copy to: DMEA Docket
Solicitor's Docket
L. G. Houk (2)
J. L. Hofflund
H. C. Rubin
chron.

Memorandum

August 11, 1954

To: Administrator

From: Nonmetallic Minerals Division

Subject: A denial of exploration assistance and summary report

By: Walter C. Anderson

1. DMEA Docket No. 3356 - Mica
Property: Doc Thomas Mine
Mitchell County, North Carolina

Applicants: Jeter Boone and Howard Boone, Partnership
Route 3, Bakersville, North Carolina

Application: Form MF-103, date received May 18, 1954.
Work proposed:
By applicant - bulldoze, build access road, deepen rehabilitate existing 70 feet of shaft, deepen shaft 34 feet and drift 100 feet. Amount requested $7,460.00
By Field Team - rehabilitate 70 feet of shaft, sink an additional 35 to 55 feet and drive 75 feet of drift, for an estimated cost of from $4,860.00 to $5,460.00.

No contract: Application denied.

2. Comments:

Geological premise: The premise that the pegmatite extends below the old workings is dubious, since in past operations extending back to 1914, all of the pegmatite above the 76 foot level has been mined out and it is very likely that any pegmatite existing below the 76 foot level was removed to pegmatite bottom by below level stoping.

Geological criteria:
1. Surface trench exposes 14 foot thick pegmatite, lean in mica.
2. No information available on thickness and extent of pegmatite below old workings.
3. Past production extension.

Future possibilities: Exploration of the extension of a pegmatite which has been worked out to the 76 foot level and possibly deeper, by sinking a shaft in the country rock on the hanging wall side and then crosscutting is quite a risky and unattractive project.

Recommendations:

In spite of the recommendation of the Field Team for a project contract, concurred in by the Bureau of Mines and the Geological Survey, the Nonmetallic Minerals Division, for reasons given above, recommends that the application be denied.

WCAnderson:gad 8/11/54

Copy to: Admr. R. File
Mr. Houk

Docket Copy
Surname:
Anderson
Houk
Martin
Lassabe
Dietrich
Guild
Hedges

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

Messrs. Jeter Boone and Howard Boone
Route 3
Bakersville, North Carolina

Re: Docket No. DMEA-3356 - Mica
Doe Thomas Mine
Mitchell County, North Carolina

Gentlemen:

Your application for aid for an exploration project and other reports available to us in Washington relating to the subject property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information indicates to us that the probability of disclosing significant reserves of mica by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

Administrator

WCAnderson:gad 8/11/54
Copy to: Admr. R. File
Docket
Field Team, Region VII
Operating Committee
Mr. Dietrich, 3061
Mr. Newcomb, 5227
Mr. Houk

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

August 2, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: DMEA-3356, Doc Thomas Miners (mica) Doc. Thomas Mine, Mitchell County, North Carolina

Please refer to your letter of July 27, concerning the subject application.

It is our opinion, and that of the field examiners, that any shaft located above the level of the zero contour would have a much better than 50-50 chance of striking old workings. The same probably applies to extending the adit whose portal is just above the 20 contour.

To get below the zone of old workings, which presumably may be expected to extend to the bottom of the caved 76-foot shaft, and the level of the adit whose portal is just below the zero contour, a shaft located near the 40 contour would have to be about 40 feet deep and then would be on the top of the area to be explored. But 40 feet of shafting from the bottom of the 60 - 80 foot shaft would be entirely below the old workings and would require only a short cross-cut to reach the pegmatite in the best target area.

It still seems to us to be preferable to deepen the existing shaft, even though part or all of the shaft may be in footwall country rock, rather than to try to sink on the pegmatite from the surface in an area almost certain to be honeycombed with old workings. We agree that a rigid headframe is needed and suggest addition of an item of $550.00 (unit cost) to provide for this. This is the amount provided for a comparable headframe at the Charles Robinson Mine, DMEA-3157.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

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

RAL/sm

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

Subject: Docket No. DMEA-3356 - Mica
Doc Thomas Miners
Doc Thomas Mine
Mitchell County, North Carolina

Dear Mr. Laurence:

Reference is made to your memorandum of July 19, 1954, recommending a contract as proposed by Field Team Report of June 23, 1954, or to deny the application if this approach was not considered desirable.

We are reluctant to deny this application as the pegmatite exposed probably deserves to be explored. No provision was made in the recommendation for a rigid headframe which, in this case, we believe is mandatory. Our thoughts on the location of the shaft (inclined) are it might be located on the pegmatite near the 40' contour. The Western-most adit near 20' contour, the dump of which contains unaltered pegmatite, might be a point for further exploration.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

D. M. Larrabee
Member, Geological Survey

LGHouk:gad 7/26/54
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3061
Mr. Larrabee, 5216
Mr. Houk

IN REPLY REFER TO:

[redacted]

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

July 22, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3356 (mica)

To: L. G. Berk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: Jeter Boone and Howard Boone, Bakersville, N. C.
Name of property: Bee Thomas Mine.
Location of property: Mitchell County, N. C.
Date of Field Team Report: July 19, 1954.
Authorship of Field Team Report: R. A. Laurence.
Field Team's recommendation: Same proposal as recommended in June 23, 1954 Field Team report.
Comments: The Field Team obviously feels very strongly in favor of its original proposal. Our suggestions for a possible different approach failed to meet with the Field Team's approval, after consideration.
ACTION RECOMMENDED: Follow Field Team's recommendation.

D. M. Larrabee

Copy to DMEA (3) ✓

July 19, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: DMEA-3356 (mica) The Thomas Mineral, Mitchell County, N. C.

Reference is made to your letter of July 12, suggesting trenching and sinking on the pegmatite instead of the proposed shaft sinking and level work.

Evidently the intent of the field examiners report and our recommendation was misunderstood. It was pointed out that recently two shallow bulldozer cuts were made across the pegmatite. These are shown in the map which accompanies the report. It was also pointed out that the pegmatite is probably carried out above the 50-foot level, but that observation of the pegmatite in the new cuts, plus the known persistence in depth of other [illegible] pegmatites in the [illegible] district, suggests that exploration of the Ben Thomas pegmatite between 25 and 100 feet in depth would be worth while. The best approach to this portion of the pegmatite is through the existing 40 foot shaft, which is still in good condition, rather than through a new one from the surface which would [illegible] previous old workings.

Therefore, our recommendation is (1) explore below 50 feet, as proposed in the June 25, 1956 application report or (2) if this is not considered desirable, deny the application.

[illegible]/ea
cc: --
Book
Lynch
[illegible]
[illegible]
Files

[illegible]
EXECUTIVE OFFICER
DMEA REGION VII

[illegible], for E. J. Lynch
U. S. Bureau of Mines

Transmitted letter to Lawrence –

See I. C. B of m No. 6943

allowance of $6400 based on erection of A-style headframe with sheave wheel, having 4 x 6 uprights and capacity of hoisting 5,500 lbs.

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

July 13, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3356 (mica)

Applicant: Howard and Jeter Boone

Name and Location of Property: Doc Thomas Mine
Mitchell County, North Carolina

Date of Field Team's Report: June 25, 1954

Date Rec'd. by Ceramic & Fertilizer Materials Br.: July 6, 1954

Field Team Recommendation:

1. Approval of an exploration program on a unit-cost basis.

Comments:

1. Mica obtained on this property is hard, clear, and ruby color.

2. Field examiners are of the opinion that this property warrants exploration. It is recommended by the field examiners that the open-shaft be cribbed, cleaned out, and deepened to 115 feet. If a pegmatite is intersected before the shaft is 115 feet deep, the shaft should be inclined on the pegmatite from the point of intersection to 115 feet. After completion of the shaft 75 feet of drift and/or crosscut should be driven from the 111-foot level.

3. The proposed exploration program is consistent with good engineering practice. Total expenditures are estimated at $4,860, minimum to $5,460, maximum.

Recommendation:

I concur with the field team in the approval of an exploration program on subject property, on a unit-cost basis for not to exceed $5,460.

RDThomson/rk
Copy to: Minerals Division
R. D. Thomson
Ceram. & Fert. Mat. Br.
F I L E S

Signed

W. F. Dietrich

600

JUL 12 1954

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

Subject: Docket No. DMMA-3356 - Mica
Doe Thomas Minerals
Doe Thomas Mine
Mitchell County, North Carolina

Dear Mr. Lawrence:

Reference is made to your report of June 25, 1954, on field examination of the subject mine and review of this report by the Geological Survey, two copies of which are enclosed.

After careful review of the report, we are inclined to agree with the Geological Survey that the proposal looks to be of questionable value since the pegmatite may be chiefly mined out. It seems it would be wiser to trench across the pegmatite where indicated west of the field team's proposed shaft site and sink on the pegmatite at a favorable location.

If, after consideration of this alternate exploration plan, you think it feasible and are in agreement, kindly have the field team submit costs of stripping the pegmatite and sinking a shaft as proposed above.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

Philip W. Guild
Member, Geological Survey

Enclosures 2

WCAnderson:ag 7/7/54

Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3061
Mr. Larrabee, 5216
Mr. Houk

IN REPLY REFER TO:
G-MD-CRM

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

July 1, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3356 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: Howard Boone and Jeter Boone, Bakersville, N. C.
Name of property: Doc Thomas Mine.
Location of property: Mitchell County, N. C.
Date of Field Team Report: June 23, 1954.
Authorship of Field Team Report: K. H. Teague and D. H. Amos.
Field Team's recommendation:

1. Repair old shaft (60' or 80' deep)
2. Deepen to 115'
3. Drift 75' (or crosscut) from 111 level

$5,460

Comments:

1. If shaft does not intersect peg at 115', put in some long holes horizontally in an attempt to pick up the peg.

2. This proposal looks to be of questionable value. Peg may be chiefly mined out. Would it be wiser to trench across peg strike where indicated, west of proposal site, and sink on peg? Or better still, stay away from the 76' caved shaft area?

ACTION RECOMMENDED:

Request restudy of attack.

D. M. Larrabee

Copy to DMEA 3 ✓

June 25, 1958

Memorandum

To: Wyoming Counties, DMEA - Highlights

From: Field Team, DMEA - Region VII

Subject: Field construction report, DMEA-[illegible] (Inc.) Pat Thomas Mine, Howard & Judge Tunnel, Summersville, Nicholas, W. Va.

Enclosed are 4 copies of the subject construction report, and six extra copies of the map.

The numbers have depicted an average footage of 3 feet per shift of drifting, as compared with 2.5 feet which is anticipated on most jobs and is a fair average for jobs in this area. Having the applicant could agree to the correspondingly lower unit cost is not known. However, the readily accessible location certainly contributes to a lower cost of operation as compared with the more isolated locations.

We recommend approval of a contract, on a unit-cost basis.

Robert A. Jennings
EXECUTIVE OFFICER
DMEA, REGION VII

Wm. A. Bell, for E. J. Lynch
W. V. Director of Mines

RAJ/mm

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

On

DMEA-3356, DOC THOMAS MINE (mica)
Mitchell County, N. C.

BY

Kefton H. Teague, Geologist
U. S. Geological Survey
and
Dewey H. Amos, Geologist
U. S. Geological Survey

June 23, 1954

DMEA CERAMIC [illegible]
7-2-54

FIELD EXAMINATION REPORT
On
DMEA-3356 (mica) DOC THOMAS MINE

Applicants: Howard Boone and Jeter Boone, c/o Howard Boone, Bakersville, North Carolina, Route # 3.

This is an old mine which has not been worked since about 1914, except for a 60-80 foot shaft that was sunk during World War II, and which did not encounter pegmatite. Mica in the dumps is ruby colored and is of good quality. Dump material is very similar to that present at the Sinkhole Mine (DMEA-2379) which is about 1/4 mile northeast of the Doc Thomas Mine. From the limited amount of information obtainable, the field examiners are of the opinion that exploration assistance is warranted.

This deposit was examined June 16, 1954. Messrs. Howard Boone and S. L. Phillips accompanied the examiners on the inspection which required two hours.

The Doc Thomas Mine is on the north side of Bandana Hollow, 1500 feet northwest of Bandana Post Office. Access is by way of newly bulldozed road up the hillside from the road in Bandana Hollow.

Both applicants are competent mica miners. Area covered by their lease is adequate for the proposed project.

There are no buildings or surface facilities at the mine. Old workings consist of a caved shaft reported to have been 76 feet deep from which most past production was obtained, an untimbered 60' shaft (6' x 6') that was sunk during World War II, and which is entirely in wall rock, and 3 caved adits driven in the hillside about 60 feet vertically below the collar of the caved shaft. Pegmatite material is present in the dumps from all adits. Recently two shallow bulldozed trenches have been cut across the trend of the pegmatite. The upper trench exposes 14 feet of pegmatite, lean in mica. The lower cut also cuts pegmatite whose thickness cannot be determined; however, it is richer in mica than that exposed in the upper one.

Material from the caved 76-foot shaft is mostly weathered, as is dump material from the 60-80 foot 6' x 6' shaft. The dump from the westernmost adit is of unaltered pegmatite. This dump is composed of perthite, plagioclase, quartz, muscovite, biotite, and red garnet, listed in order of abundance.

In the upper cut a 2-foot quartz lens is present, 3.5 feet from

the hanging wall contact. Most of the remainder of the pegmatite is perthite. There is no apparent zoning in the pegmatite exposed in the lower cut; however, the plagioclase and muscovite content is higher with a corresponding decrease in the perthite content.

The exposed pegmatite trends from N. 10° to 30° E. and dips 75° SE. It is conformable to the enclosing mica schist. Extent of underground openings from the caved 76-foot shaft and adits is not known, although reports suggest that only short levels were driven from the shaft.

The mica is hard, clear, generally flat, splits well and is ruby colored. Scales of mica in excess of 6" in diameter occur in the dump from the caved 76-foot shaft. There are no reports on this mine and history obtained from the present owner is vague.

The examiners believe that the deposit has merit for exploration. Nearby pegmatites extend to depth and it is the examiners' opinion that this one does also. There are good indications that the deposit contains considerable reserves of strategic mica.

It is recommended that the open shaft which is reported to be 80 feet deep, but was taped as only 60 feet, be cribbed, cleaned out (0-20 feet) to its old depth and deepened to 115 feet. If pegmatite is intersected before this depth is reached the shaft should be inclined on it from the point of intersection to a depth of 115 feet. After the shaft is completed, 75 feet of drift and/or crosscut should be driven from about the 111-foot level.

Estimated Costs:

10' x 12' tool house		$150.00
Timber 60 feet of existing shaft (5 shifts)		
6,000 B.F. @ $60/M	$360.00	
3- laborers @ $1.00/Hr.	120.00	
Nails, hand tools, etc.	30.00	510.00
Clean out and timber up to 20 feet of existing shaft (4 shifts)		
2000 B.F. timber @ $60/M	120.00	
3- Laborers @ $1.00/Hr.	96.00	
Hoist, nails, etc.	84.00	300.00
Sink from bottom of old shaft to 115-foot level (35-55 ft.) (20-30 shifts)		

Exploder Magazine		$ 25.00
Powder Magazine		50.00

Labor:

1 - Miner @ $1.50/hr.	$240 -	$360
1 - Hoistman @ $1.25/hr.	200 -	300
2 - Laborers @ $1.00/hr.	320 -	480

Mining Equipment rental:		
105 compressor @ $200/Mo.	200 -	300
Gasoline Hoist @ $50/Mo.	50 -	75
Pump and Drill	40 -	60
Supplies:		
Gasoline and oil	80 -	140
Explosives	105 -	200
Drill steel	50 -	100
Soc. Sec., Insurance, etc.	190 -	260
Small tools, Pipe, timber, etc.	100 -	200

$1575.00-2475.00

These two figures are shown, the actual cost will likely be between the two.

Drive 75 feet of drift and/or crosscut (25 shifts)

Labor:

1 - Miner @ $1.50/hr.	$300.00
1 - Hoistman @ $1.25/hr.	250.00
2 - Laborers @ $1.00/hr.	400.00

Mining Equipment:

105 compressor @ $200/Mo.	250.00
Gasoline hoist @ $50/Mo.	62.50
Drill and Pump @ $40/Mo.	50.00
Blower and hose	100.00

Supplies:

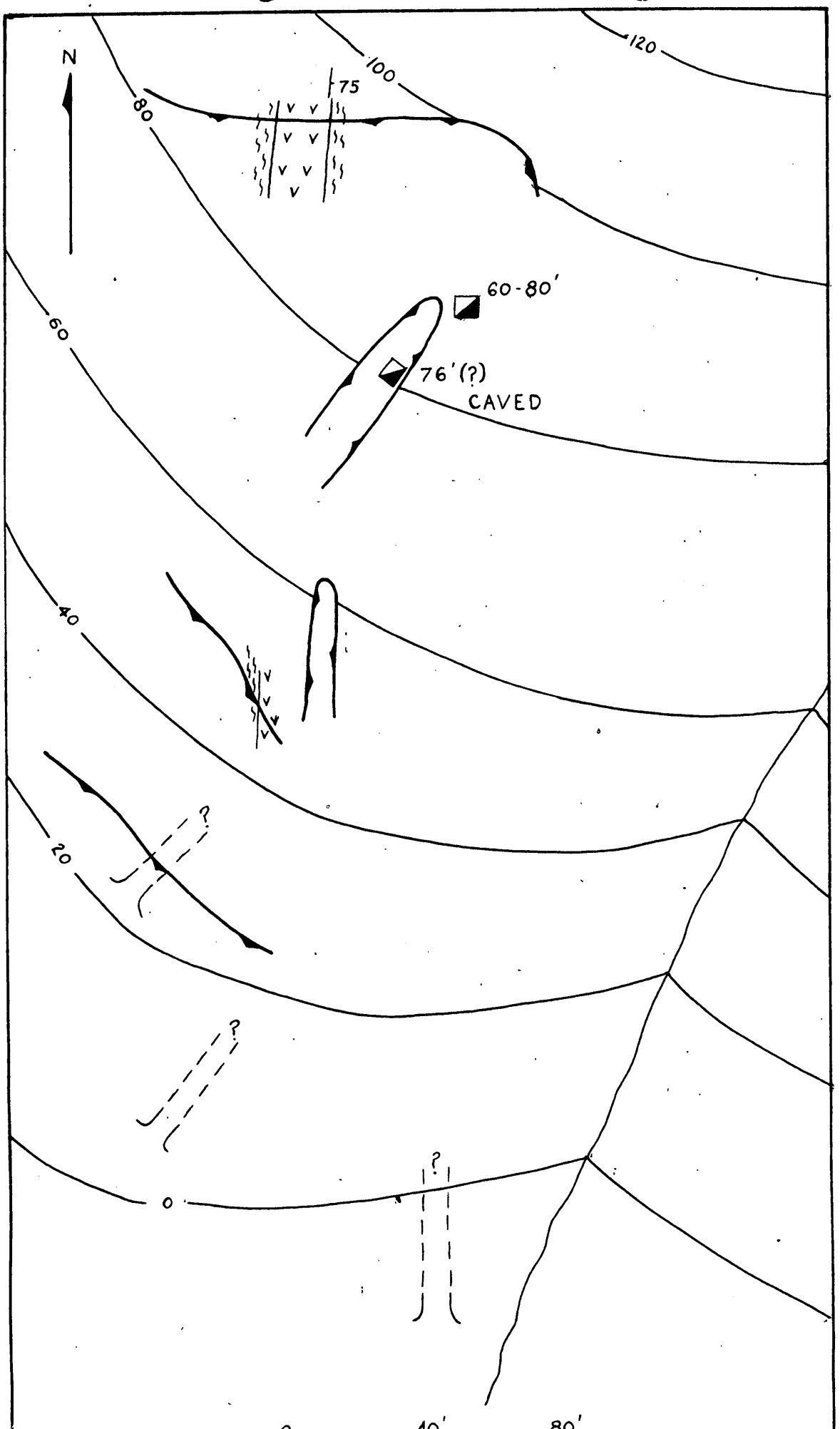
Gasoline and Oil	100.00
Explosives	225.00
Drill steel	75.00
Small tools, pipe, etc.	200.00
Insurance, Soc. Sec. etc.	237.50

$2,250.00

Estimated total (minimum)	$4,860.00
Estimated total (maximum)	$5,460.00

Rock conditions that will be encountered are not known; however, in this general area weathering rarely extends below about 80 feet.

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



SCALE

SKETCH OF

DOC THOMAS MINE

MITCHELL CO., N.C. 'DMEA-3356

JUN 14 1954

Joe Thomas Mines
c/o Howard Boone
Route 3
Bakersville, North Carolina

Re: Docket No. DMEA-3356 - Mica
Joe Thomas Mine
Mitchell County, North Carolina

Gentlemen:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region 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,

Frank E. Johnson

ACTING Administrator

WCAnderson:ag 6/10/54
Copy to: Admr. R. File
Docket File
Operating Committee
Field Team, Region VII
Mr. Dietrich, 3061
Mr. Larrabee, D-232, GSA Bldg.
Mr. Rouk

600

JUN 14 1954

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

Subject: Docket No. DMEA-3356 - Mica
Doc Thomas Miners
Doc Thomas Mine
Mitchell 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 May 20, 1954, and from the Bureau of Mines, dated June 7, 1954, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

Enclosures 4

WCAnderson:ag 6/11/54
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3061
Mr. Larrabee, G-232, GSA Bldg.
Mr. Houk

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
RECEIVED
JUNE 8 1954

June 7, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3356 (mica)

Applicant: Jeter and Howard Boone

Name and Location of Property: Doc Thomas Mine
Mitchell County, North Carolina

Date Application Rec'd. by Ceramic & Fertilizer Mtls. Br.: May 25, 1954

Comments:

1. No data are available in this office on subject mine.

2. Estimated expenditures are itemized on a unit-cost basis and total $7,460. Individual unit-costs are in line with those of approved DMEA projects.

Recommendation:

It is recommended that the field team visit this mine to ascertain if an exploration project is justified. If so, the field team and applicants should agree on a definite plan of exploration.

Signed
W. F. Dietrich

IN REPLY REFER TO:

G-MD-CNM

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

May 20, 1954

Memorandum

REVIEW OF APPLICATION DMEA-3356 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: Jeter and Howard Boone, Bakersville, N.C.
Name of property: Joe Thomas Mine.
Location of property:
Summary of applicant's proposal:

Bulldoze
Rehabilitate shaft (70')
Reopen shaft 34'
Drift 100'

$7,460

Sources of information on applicant's property: None.
Comments: 1. Get a better location so we can try to spot this deposit.
2. Is the open shaft in pegmat'te
RECOMMENDATION: Refer to Field Team when above questions are answered.

D. M. Larrabee

Larrabee:jeh
5/20/54

cc: Director's reading 4212
Branch reading 4212
DMEA 3
Larrabee G-230