DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE — Idm-E NO. 412 — DMEA NO. 2277

Application
- [ ] Denied
- [ ] Withdrawn

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

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

Folder No. 1:

**Left Side**

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

**Right Side**

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

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

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

Additional Folders:

**Left Side**

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

**Right Side**

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

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

Folders No. _____ : Settlement Sheets

Folders No. _____ : Drill Logs

Folders No. _____ : Royalty material

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Contract Idm-2412, Docket OMEA-2277 (Mica), dated October 1, 1952, with

Lin Carpenter, Norman Mashburn, and John Phillips
d/b/a Burke John Mica Miners
Spruce Pine, North Carolina

for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the Burke John and N. L. Barnard Mine located in Macon County, North Carolina, during the period May 8, 1959, through June 22, 1962.

A certification of discovery or development was issued on June 30, 1954, and, in accordance with Article 9 of the contract, royalty is payable on all minerals produced from the land described in Article 2 of the contract for a period of 10 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review dated June 9, 1954, indicated accepted costs under the exploration contract amounting to $8,000.00 with the Government's contribution on a 90 percent basis being $7,200.00.

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

This review established no sales subject to the Government's royalty subsequent to the period covered by a prior Report of Royalty Review which found the sales subject to the Government's royalty through May 7, 1959, to be $445.36. The royalty account as of May 7, 1959, was:

| | |
|---|---|
| Total Royalty Payable | $22.27 |
| Total Royalty Paid | 22.27 |
| Balance of Royalty Due | $ -0- |

As of June 22, 1962, the royalty account of this project was found to be:

| | |
|---|---|
| Total Royalty Payable | $22.27 |
| Total Royalty Paid | 22.27 |
| Balance of Royalty Due | $ -0- |

E. D. Talbert

E. D. Talbert, OME Auditor

July 20, 1962

Idm-8412 Burke John Mica Miners OMEA-2277

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

This contract provides that the Operators or their successors in interest shall pay to the Government a percentage royalty on all minerals produced from the property thereunder. At the time the contract was executed the Operators were in possession of the main parcel by virtue of an August 9, 1951, lease from Eliza Cobb Grist and Paul Grist, Auburn Gap, Georgia, and of an adjoining strip by virtue of a July 26, 1952, lease from L. B. Liner, Tressie Liner, R. G. Ray, Lillie Ray, and Donnie Duvall. The landowners executed Owner's Consents to Lien which secure the payment of royalty under the terms of the contract; however, the contract contains the so-called "abandonment" provision.

Exploration work under the contract was completed in April 1954. Mica produced during the exploration work resulted in the sale of 45.03 pounds of sheet mica to the G.S.A. Mica Purchase Depot at Spruce Pine, North Carolina, for $445.36 in proceeds. This sale, in the name of Sam L. Phillips on January 19, 1954, is covered by a prior Report of Royalty Review.

Subsequent inspections of the property, the last on April 24, 1961, have disclosed no further work on the property other than a small amount of unproductive bulldozing by Roy H. Routs during the latter part of 1957. A May 23, 1962, reply by Sam L. Phillips to a MME Form 63 addressed to one of the partners, John Phillips, states that since May 19, 1961, there has been no production from the land subject to the contract. An examination by a Contract Administration and Audit Division representative during the week of June 18, 1962, of the records of the G.S.A. Mica Purchase Depot at Spruce Pine did not disclose any unreported production.

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

(1) Examinations of the Mica Purchase Depot records, inspections of the property, and inquiries have not disclosed any unreported production; and

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

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Division of Nonmetallic Minerals, Office of Minerals Exploration, Washington, D. C., pertaining to Contract No. Idm-E412, Docket No. DMEA-2277 (Mica), dated October 1, 1952, with

Lin Carpenter, Norman Mashburn and John Phillips
d/b/a Burke John Mica Miners
Spruce Pine, North Carolina

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as Burke John Mine located in Macon County, North Carolina, during the period March 10, 1955, through May 7, 1959.

A certification of discovery or development was issued on June 30, 1954, and accordingly royalty is payable on all production from the land described in Article 2 of the contract for a maximum period of 10 years from the date of the contract. A Report of Review in lieu of final audit dated June 9, 1954, indicated accepted costs under the exploration contract amounting to $8,000.00 with the Government's contribution, on a 90 percent basis, being $7,200.00.

A prior report of royalty review dated March 21, 1955, indicated total sales subject to Government royalty amounting to $445.36 for the period October 1, 1952, through March 9, 1955, and that the royalty due the Government amounting to $22.27 had been paid. No royalty has been received by the Government applicable to this project since the latter date.

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

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

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

C. E. Fisher

C. E. Fisher, OME Auditor

May 13, 1959

MME Form 22
April 59

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

## CHECK SHEET OF EXAMINING ENGINEER

Operator's Name Burke-John Mica Miners

Address c/o John Phillips

Spruce Pine, North Carolina

Exploration Contract No. Idm-E412 (mica) Docket No. 2277

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

5/7/59
Date

W. J. Lynch
Mining Engineer

53362

Carlson

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed all copies of settlement sheets on file with the Executive Officer, DMEA Field Team, Region V, applicable to royalties collected on the sales of mica for the period October 1, 1952, to March 9, 1955, by:

Lin Carpenter, Norman Mashburn and John Phillips
d/b/a Burke John Mica Miners
Spruce Pine, North Carolina

produced from property referred to as the Burke John Mine located in Macon County, North Carolina, under terms of Contract Idm-E412, Docket No. DMEA-2277.

My review included a conference with Mr. William A. Beck, Mining Engineer, U. S. Bureau of Mines, Knoxville, Tennessee, who is thoroughly familiar with the project.

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

(1) The production involved was incidental to the exploration operations;

(2) A review of the records of General Services Administration Mica Purchase Depot, Spruce Pine, North Carolina, did not disclose any other sales of mica from this mine since the effective date of the exploration contract; and

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

The audit established the total sales of mica for this period to be $445.36. Royalty due the U. S. Government at the contract rate of 5 percent is $22.27. The royalty paid and balance due are as follows:

| | |
|---|---|
| Total Royalties Due | $22.27 |
| Total Royalties Paid | 22.27 |
| Balance of Royalties Due | $ -0- |

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

March 21, 1955

DOCKET FILE
Surname:
Houk
Talbert
Ashby
Child
Hedges
Lodge
Hinesley

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

**CERTIFICATION BY THE UNITED STATES OF AMERICA OF A DISCOVERY OR DEVELOPMENT UNDER AN EXPLORATION PROJECT CONTRACT**

To: Burke-John Mica Mineral
Spruce Pine, North Carolina

Pursuant to the provisions of Exploration Project Contract No. Idm-E412, dated October 1, 1952 (Docket No. DMEA-2277), hereinafter called the "contract" between you and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made has resulted from the exploration work.

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

Underground exploration of a conformable zoned pegmatite in biotite-chlorite and hornblende gneiss disclosed reserves of feldspar.

THE UNITED STATES OF AMERICA

By O O Mitchendoy
Administrator, Defense Minerals Exploration Administration

Dated: JUN 30 1954

LGHouk:gad 6/24/54
Copy to: Paul L. and Eliza Cobb Grist (Attached to Field Team's copies)
Mr. Donnie Duvall (Attached to Field Team's copies)
L. B. and Tressie Liner (Attached to Field Team's copies)
R. G. and Lillie Ray (Attached to Field Team's copies)
Mr. Irving Gumbel, EPS, GSA
Mr. Thayer, 5216 GSA Bldg.
Operating Committee
Mr. Johnson
Finance Office
Admr. R. File
Field Team, Region VII
Mr. Hedges, 4604
Mr. Chambers
Mr. Houk
Docket File

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

## REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Sam L. Phillips, John Phillips and Lin Carpenter
d/b/a Burke-John Mica Miners
Spruce Pine, North Carolina

pertaining to Exploration Project Contract No. Idm-E412, Docket No. DMEA-2277, including Amendment Nos. 1, 2, 3 and 4, for the months of October, 1952 to April, 1954, inclusive, covering a project for the exploration of mica on property, known as Burke-John Mica Mine, located in Macon County, North Carolina.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Executive Officer of the DMEA Field Team, 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 reasons:

(a) the administrative cost to the Government of an audit would be excessive in relation to value of the contract or the estimated amount of possible further disallowances thereunder;
(b) the Monthly Reports were supported by documentary proof of the costs incurred under the contract; and
(c) a large portion ($4,628.00) 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 | | $8,160.00 |
| Less: Proceeds from property disposition | | 100.00 |
| Net cost as claimed by Contractor | | 8,060.00 |
| Exceptions: | | |
| By DMEA Finance Officer | $ 60.00 | |
| Herewith | -0- | 60.00 |
| Total Accepted Cost | | $8,000.00 |

The contract calls for a 90 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Seven thousand two hundred and no/100 Dollars,

**$7,200.00**

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.

June 9, 1954

B. J. Brekhus, Auditor

Docket Copy

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DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

AMENDMENT NO. 4

Contract Docket No. DMA-2277, Idm-E 412, dated October 1st, 1952, between the United States of America and Lin Carpenter, Norman Mashburn, and John Phillips, partners, d/b/a under firm name of Burke-John Mica Miners, at Spruce Pine, North Carolina is hereby amended as follows:

1. Article 3 is amended to read....."; and shall bring the project to completion within a period of nineteen (19) months from the date of contract...." instead of sixteen (16) months as written in Amendment No. 3, dated September 28, 1953.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of the cost which the Government may be obligated to pay, under the provisions of Article 6 of the contract form.

February 1, 1954.

THE UNITED STATES OF AMERICA

By: Robert A. Lawrence

EXECUTIVE OFFICER
DMEA REGION VII

BURKE-JOHN MICA MINERS

BY Lin Carpenter

By N. E. Mashburn

By John Phillips

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Rwhin 10/13/53
Office 10/13/53

United States
Department of the Interior
Defense Minerals Exploration Administration

**AMENDMENT No. 3**

Contract Docket No. DMEA-2277, Idm-E 412, dated 1st October 1952, between the UNITED STATES OF AMERICA and Lin Carpenter, Norman Mashburn, and John Phillips, partners, d/b/a under firm name of BURKE-JOHN MICA MINERS, at Spruce Pine, North Carolina is hereby amended as follows:

1. Article 3 is amended to read....."....; and shall bring the project to completion within a period of sixteen (16) months from the date of this contract....." instead of twelve (12) months from date of contract as written in Amendment No. 2, dated May 15, 1953.

This amendment is necessary due to a delay in getting equipment for the operation.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of the cost which the Government may be obligated to pay, under the provisions of Article 8 of the contract form.

Dated: Sept. 28, 1953

BURKE -JOHN MICA MINERS

By Lin Carpenter
By John Phillips
By N. E. Mashburn

THE UNITED STATES OF AMERICA

By Robert A. Lawrence
Executive Officer, Defense Minerals Exploration Admin.
Region VII

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United States
Department of the Interior
Defense Minerals Exploration Administration

CEKane
6/5/53

CONTRACT AMENDMENT NO. 2

Contract Docket No. DMEA-2277, Idm-E412, dated 1st October 1952, between the UNITED STATES OF AMERICA and Lin Carpenter, Norman Mashburn, and John Phillips, partners, d/b/a under firm name of BURKE-HOHN MICA MINERS, at Spruce Pine, North Carolina is hereby amended as follows:

1. Article 3 is amended to read....." .....; and shall bring the project to completion within a period of twelve (12) months from the date of this contract...." instead of eight (8) months as written in the original contract.

This amendment is necessary due to a delay in securing the proper equipment for the work, and the winter weather hampered the progress of the work.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of the cost which the Government may be obligated to pay, under the provisions of Article 8 of the contract form.

Dated: May 15, 1953

BURKE-JOHN MICA MINERS

By: Norman Mashburn

By John Phillips

By Lin Carpenter

THE UNITED STATES OF AMERICAN

By: Robert A. Lawrence
Executive Officer, DMEA
Field Team, Region 7

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DOCKET COPY

6V

EXPLORATION PROJECT CONTRACT

Lin Carpenter, Norman Meshburn, and John Phillips, Partners, doing business as Burke-John Mica Miners

Docket No. 2277, Idm-8412 (mica)

AMENDMENT NO. 1

It is agreed this 15th day of April, 1953. between the UNITED STATES OF AMERICA, ACTING through the Department of the Interior, Defense Minerals Exploration Administration, and Lin Carpenter, Norman Meshburn, and John Phillips, doing business as Burke-John Mica Miners, each acting in consideration of the agreement of the others to the terms hereinafter set forth that Exploration Project Contract Idm-8412, Docket No. A-2277, dated October 1, 1952, between the parties hereto be modified and amended as of January 2, 1953 as follows:

(A) In Exhibit "A" under "Estimated Costs of the Projects"

(a) Stage I, delete Items (2) and (8) and in their place substitute the following items respectively-

(2) Labor, Supervision, Consultants

| | | |
|---|---|---|
| 1 - Working foreman 80 shifts @ $12.00 per 8-hr. Shift, | $ 960.00 | |
| 2 - Laborers, 80 shifts ea. @ $8.00 per 8-hr. shift, | 1280.00 | |
| Surveyors | 100.00 | |
| | | $2340.00 |

(8) Contingencies $360.00

and after item 8 change the total estimated cost of Stage I from $2900.00* to $3200.00*

(b) Delete the last two lines on page 3 and substitute in place thereof the following:

| | |
|---|---|
| Total Estimated Costs of Stage I and II | $8100.00 * |
| Government participation @ 90% | $7290.00* |

(B) In Article 8 of the contract form change the figures $6,800.00 and $6,120.00 to $8,100.00 and $7,290.00 respectively.

Executed in sextuplicate the day and year first above written.

BURKE-JOHN MICA MINERS.

By Lin Carpenter
Lin Carpenter, Partner

By Norman Mashburn
Norman Mashburn, Partner

By John Phillips
John Phillips, Partner

THE UNITED STATES OF AMERICA

By C O Mitchenor
Administrator, Defense Minerals
Exploration Administration

Bruton
Hoffman
Chandler

DEPARTMENT OF THE ARMY
Edgewood Arsenal
Edgewood, Maryland
1955

Docket 5[illegible]

DISPOSAL OF GOVERNMENT'S INTEREST IN PROPERTY
(Form A)

To: Fletcher O. Phillips
Spruce Pine, North Carolina

The United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, for a valuable consideration hereby sells, assigns, transfers and sets over to you all of its right, title and interest in all property acquired under Exploration Project contract Idm-E 412, Docket No. DMEA-2277, dated October 1, 1952, which is listed below:

1 Mine car

350 Feet of Mine Rail

Dated: May 28, 1954.

THE UNITED STATES OF AMERICA

By Robert A. Lawrence
EXECUTIVE OFFICER
DMEA REGION VII

MF-200
(June 1951)
(Revised Feb. 1952)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 13 1952

DOCKET NO. DMEA 227

COMMODITY Mica

Docket Copy
IDM-E 412

# UNITED STATES OF AMERICA
## DEPARTMENT OF THE INTERIOR
### DEFENSE MINERALS EXPLORATION ADMINISTRATION

# EXPLORATION PROJECT CONTRACT[1]

IT IS AGREED this 1st day of October, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Lin Carpenter, Norman Mashburn and John Phillips, partners, doing business under the firm name and style of Burke John Mica Miners, at Spruce Pine, N. C.

hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of North Carolina, County of Macon County, described as follows:[3] See Annex I.

the Operator represents and undertakes:[4]

(*a*) ~~That the Operator is the owner in possession and entitled to possession, and that the property is subject only to the~~ ~~[illegible]~~ ~~of which the subordination agreement of the holder is attached:~~

(*b*) That the Operator is a lessee, in possession and entitled to possession, and the Owner's Consent to Lien is attached.

The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for[5] Mica

in or upon the described land; and shall bring the project to completion within a period of 8 months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided.

ARTICLE 4. *Performance of the work.*—(*a*) *Operator's responsibility.* The work shall be performed efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmens' compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. To the extent specified in Exhibit "A," attached hereto, the work may be performed by independent contractor or contractors; and work not specified in Exhibit "A" for performance by independent contractor may nevertheless be so performed upon amendment of Exhibit "A," as agreed to by the parties, to state the work to be so performed and the estimated unit costs thereof, as provided hereafter.

(*b*) *Independent contracts.*—Any independent contract for the performance of work shall be on a unit-price basis (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved), or on some basis that will indicate the amount due for work performed at any stage of the work to be performed under such independent contract. The Government shall not be nor be considered to be a party to any such independent contract, and the Government's right to terminate the exploration project contract under any of its provisions shall not in any manner be affected by reason of any such independent contract. If the reference in Exhibit "A" to any such independent contract states that the Government's approval thereof is required, the Government may refuse to participate in the cost thereof unless and until it has given its written approval of the independent contract.

(*c*) *Government may inspect.*—The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 5. *Estimated costs of the project.*—A statement of the estimated cost of the project is set forth in Exhibit "A," attached hereto. Except insofar as any item of requirement or the estimated cost thereof set forth in Exhibit "A" is there or elsewhere designated as an "allowable maximum," such items of requirement and of related cost are estimates only, and may be exceeded to the extent that the Government may from time to time approve for the most economic and beneficial performance of the work within the limitation of the total aggregate estimate of costs. The Government's approval of any such excess over the estimate for an item of requirement or related cost will be signified by its approval and payment of any invoice or voucher for payment which expressly calls attention to such excess. Items expressly designated in Exhibit "A" or elsewhere as "allowable maximum," and the total aggregate estimated cost are limitations, and any excess therein will be for the sole account of the Operator in which the Government will not participate.

ARTICLE 6. *Allowable costs of the project.*—(*a*) The costs of the project in which the Government will participate are limited to the following:

(1) *Independent contracts.*—Payments to independent contractors under independent contracts listed in Exhibit "A." The estimated cost of any work to be performed under an independent contract is or shall be included in the estimate of costs in Exhibit "A" in terms of the estimated numbers of units of work to be performed, the estimated amount to be paid per unit, and the estimated total amount to be paid to the independent contractor, and such estimates shall be allowable maximums above which the Government will not contribute. Regardless of the provisions of any such independent contract, the Government will participate in the payments to the independent contractor only on account of work actually performed and that conforms with the provisions of the exploration project contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable and necessary. No such independent contract shall have the effect of increasing the estimated total cost of the exploration project contract nor the maximum amount which the Government will pay as provided in the exploration project contract.

(2) *Labor, supervision, consultants.*—Labor, supervision and technical services (including engineering and geological consultants), a schedule of which is included in the estimate of costs set forth in Exhibit "A." The requirements and related estimated costs for supervision and technical services are allowable maximums.

(3) *Operating materials and supplies.*—Necessary materials and supplies including items of equipment costing less than $50.00 each, and power, water, and fuel, a schedule of which is included in the estimate of costs in Exhibit "A."

(4) *Operating equipment.*—Any operating equipment to be rented or purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or the allowable depreciation, as the case may be, a schedule of which is included in Exhibit "A." Any items listed as owned and to be furnished by the Operator, and related allowable depreciation, are allowable maximums.

(5) *Rehabilitation and repairs.*—Any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and to be devoted to the purposes of the exploration contract, a schedule of which is included in the estimate of costs set forth in Exhibit "A." These items are allowable maximums.

(6) *New buildings, improvements, installations.*—Any necessary buildings, fixed improvements, or installations to be purchased, installed, or constructed for the purposes of the exploration work, with the estimated cost of each, a schedule of which is included in the estimate of costs in Exhibit "A." All of these items are allowable maximums.

(7) *Miscellaneous.*—Repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance and payroll taxes.

(8) *Contingencies.*—Such other necessary, reasonable direct costs of performing the exploration work, within the limit of the total aggregate estimate of costs, whether or not included in any schedule of costs in Exhibit "A," as may be approved by the Government in the course of the work, as indicated by its approval and payment of invoices and vouchers.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production from which is not to be subject to the Government's percentage royalty.
[4] Strike out the provision not applicable.
[5] Name of mineral or minerals.

(*b*) The Government's payments in all cases will be based on actual, necessary costs (including contract unit prices) incurred not in excess of any "allowable maximum," and not in excess of the fixed percentage of the total aggregate estimated cost. Costs will be considered to be incurred only as they are or become due and payable.

(*c*) No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes) or any other indirect costs, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

ARTICLE 7. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operators shall provide the Government with monthly reports of work performed and costs (including contract unit prices) incurred under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of costs incurred on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) Compliance with requirements.—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account as provided in Article 12.

ARTICLE 8. *Payments by the Government.*—(*a*) The Government will pay 90 percent of the allowable costs incurred, as they accrue, in an aggregate total amount not in excess of $6,120.00, which is 90 percent of $6,800.00, the agreed, estimated total cost of the project in which the Government will participate; *Provided,* that until the Operator's final report and final accounting have been rendered to the Government, 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 ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract.

(*b*) The Government may make any payment or payments direct to independent contractors and to suppliers, for the account of the Operator, rather than to the Operator.

ARTICLE 9. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

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

(*b*) As here used, "net smelter returns," "net concentrator returns," and "other net amounts realized from the sale or other disposition," mean gross revenue from sales; or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income-tax determination.

(*c*) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

ARTICLE 10. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided,* that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 11. *Title to and disposition of property.*—All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

ARTICLE 12. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall dispose of any remaining materials, supplies, facilities, buildings, fixtures, and equipment in which the Government has an interest, for the joint account of the Operator and the Government in the proportion of their respective interests; shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; and shall pay to the Government its pro rata share of any money remaining.

ARTICLE 13. *Changes and added provisions.* ..............................

..............................

..............................

..............................

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C O Mittendorf
Administrator -
Defense Minerals Exploration Administration

BURKE JOHN MICA MINERS
(Operator)
John Phillips Lin Carpenter
Partner
Partner
By
Partner Norman Mashtern

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]

BURKE JOHN MICA MINERS
EXPLORATION PROJECT CONTRACT
DOCKET NO. DMEA-2277

ANNEX I

The Operator has all the mineral rights and mining privileges in that part of the property of Eliza Cobb Grist and her husband Paul Grist situated on the waters of Iotla Creek (as set forth in a deed from J. Frank Ray, Trustee to M. D. Billings dated September 15, 1923, and recorded in the office of the Register of Deeds, Macon County, North Carolina, in Deed Book J-4, page 229, and in a deed from N. L. Barnard and wife, to Mrs. T. O. Havener and M. D. Billings dated January 20, 1917, and recorded in Deed Book X-3, page 571, and Book I-4, page 270) which is described as follows:

Beginning at the caved portal of the old adit at the eastern end of the mine and running 130 feet S 60°E to a hickory tree (corner tree), thence 172 feet N 7° E to a double chestnut stump, thence 1200 feet N 75° W to a spur ridge, thence along the crest of the spur in a southwesterly direction to the crest of the main ridge, thence approximately 1400 feet in a S 75° E direction to the point of beginning (the hickory tree corner).

The Operator also has all the mineral rights and mining privileges in a strip of land 200 feet in width adjoining the Grist property on the south, said strip beginning on a hickory on the southeast corner of the Grist land, thence S 7° W 200 feet to a stake; thence N 75° W 750 feet to the Willis line; thence N 7° E 200 feet; thence with the south boundary of the Grist property to the beginning.

BURKE JOHN MICA MINERS
EXPLORATION PROJECT CONTRACT
DOCKET NO. DMEA-2277

EXHIBIT "A"

Description of the Work

The work shall be done in two stages.

Stage I

Clear caved portal of the lower adit as indicated on the sketch map attached hereto and made a part hereof, entitled "Sketch Map of Burke John Mica Mine, Macon Co., N. C. - DMEA-2277."

Rehabilitate and survey the lower adit and establish its relationship to the mica shoots previously mined.

Stage II

Drive a maximum of 150 feet of 5' x 7' crosscuts and drifts. The location, direction, and length of these workings are to be specified by the Government. The new drifts and crosscuts are shown schematically on the aforementioned map.

Estimated Costs of the Project
(*Indicates allowable maximum)

Stage I

(1) Independent Contracts

None

(2) Labor, Supervision, Consultants

| | | |
|---|---|---|
| 1 - Working foreman, 40 shifts @ $12.00 per 8-hr. shift | $ 480.00 | |
| 2 - Laborers, 40 shifts each @ $8.00 per 8-hr. shift | 640.00 | |
| Surveyors | 100.00 | $ 1,220.00 |

Lin Carpenter,
Norman Mashburn
John Phillips

DMEA-2277
E-412
Mica

| | | | |
|---|---|---|---|
| (3) | **Operating Materials and Supplies** | | |
| | Timber 6 M.B.M. | $ 360.00 | |
| | Hand tools | 100.00 | $ 460.00 |
| (4) | **Operating Equipment** | | |
| | **To be rented** | | |
| | Bulldozer - 30 hrs. at $10.00 per hour including Operator, fuel, oil, and repairs | | 300.00 |
| | **To be purchased** | | |
| | Mine rail - 350 feet at $1.00 per foot including accessories | 350.00 | |
| | Mine car | 150.00 | 500.00 |
| (5) | **Rehabilitation and Repairs** | | |
| | None | | |
| (6) | **New buildings, Improvements, Installations** | | |
| | None | | |
| (7) | **Miscellaneous** | | |
| | Workmen's compensation, Employers' Liability Insurance, and payroll taxes | 120.00 | |
| | Office expense, bookkeeping, etc. 4 months at $30.00/mo. | 120.00 | 240.00 |
| (8) | **Contingencies** | | 180.00 |
| | Total Estimated Cost of Stage I | | $2,900.00* |

**Stage II**

The Government will contribute to the cost of drifting and crosscutting in this stage on the basis of the below agreed unit costs per foot (which shall include all costs) in lieu of actual costs, as they accrue for units of work actually performed.

| | |
|---|---|
| Drift and crosscut 150 feet at $26.00* per foot | 3,900.00* |

| | |
|---|---|
| Total Estimated Cost Stages I and II | $6,800.00* |
| Government Participation at 90% | $6,120.00* |

DMEA 2277

# OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of North Carolina, County of Macon, 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 1/

Burke John Mica Miners, Lin Carpenter, Norman Mashburn and John Phillips, partners.

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said Contract which are set forth on the reverse side hereof, the Government will acquire certain rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

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

1. The Government's equity in and right to remove facilities, buildings, fixtures, and equipment, as provided in the Contract, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned.

2. The Government's percentage royalty on net smelter returns or other net proceeds realized from ore, concentrates, or metal produced within ten (10) years from the date of the Contract, and the Government's lien for the payment of said percentage royalty shall attach to the mineral deposit and the production therefrom in the amount of the Government's contribution, not in excess of 2/ $8,000.00, all upon the terms and conditions set forth in said Contract.

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 the said Contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 15th day of September, 1952.

Eliza Cobb Hunt

Pearl S. Hunt

1/ Insert the name of the Operator as it will appear in the Exploration Project Contract.

2/ Insert the maximum amount of the Government's contribution.

MF-202

UNITED STATES OF

# LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Macon, State of North Carolina, described in a certain Exploration Project Contract dated _____, 195__, between Burke John Mica Miners--Lin Carpenter, J. C. Buchanan and N. E. Mashburn, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated 9th day of August, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 1st day of December, 1951

/s/ Eliza Cobb Grier
/s/ Paul L. Grier

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

MF-202

# LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Macon; State of North Carolina, described in a certain Exploration Project Contract dated _____, 195__, between Burke, John Mica Mineral - Lion Carpenter, J.C., Buchanan and N.E. Mackburn the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated 9th day of August 1957, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 1st day of December, 195.1

Eliza Cobb Grist

Paul L. Grist

U. S. GOVERNMENT PRINTING OFFICE: 1958—64582-1

MF-203

# 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 Swain, described as follows:1/

All the mineral rights and mining rights in a strip of land 200 feet in width adjoining the Grist property (referred to in the exploration project contract) on the south, said strip beginning on a hickory on the northeast corner of the Grist land, thence S 7° E 100 feet to a stake; thence N 75° E 750 feet to the Hills line; thence N 7° E 200 feet; thence with the south boundary of the Grist property 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/ Turko Joint Venture [illegible] Carpenter, [illegible] Hills, partners

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

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

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ 8,000.00, or ten years have elapsed from the date of the contract.

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.

Dated this 15th day of September, 195 2.

Tressie Liner [Seal] L B Liner

Lillie Ray [Seal] R. R. Ray

Donnie Dwane Ada. [Seal]

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.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

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

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of North Carolina, County of Macon, 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 1/

Burke John Mica Miners, Lin Carpenter, Norman Mashburn and John Phillips, partners.

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said Contract which are set forth on the reverse side hereof, the Government will acquire certain rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

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

1. The Government's equity in and right to remove facilities, buildings, fixtures, and equipment, as provided in the Contract, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned.

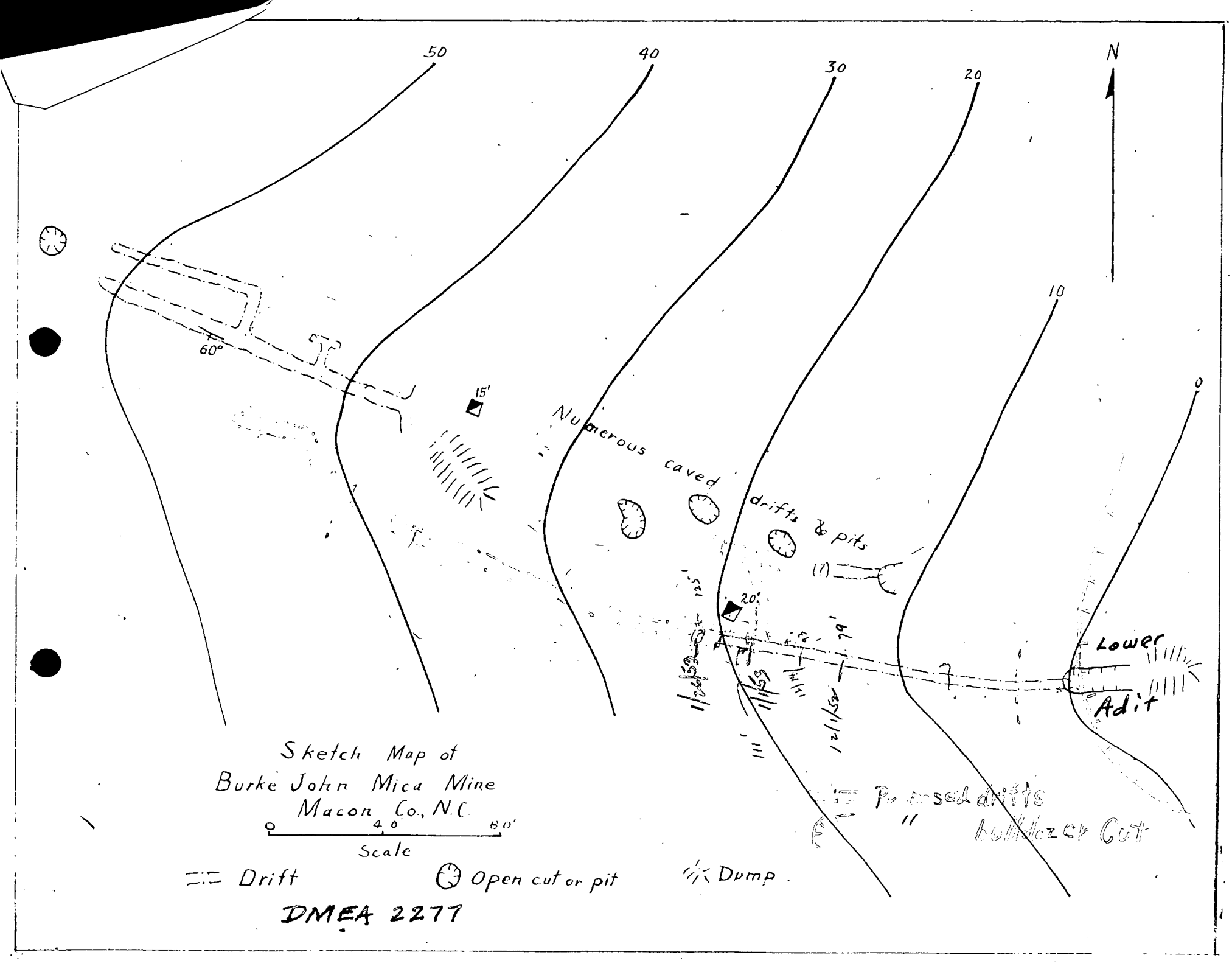
2. The Government's percentage royalty on net smelter returns or other net proceeds realized from ore, concentrates, or metal produced within ten (10) years from the date of the Contract, and the Government's lien for the payment of said percentage royalty shall attach to the mineral deposit and the production therefrom in the amount of the Government's contribution, not in excess of 2/ $8,000.00, all upon the terms and conditions set forth in said Contract.

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 the said Contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this _____ day of _____, 195_.

1/ Insert the name of the Operator as it will appear in the Exploration Project Contract.

2/ Insert the maximum amount of the Government's contribution.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Sketch Map of
Burke John Mica Mine
Macon Co., N.C.
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Scale
Drift
Open cut or pit
Dump
DMEA 2277

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

# APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dmea 2277

Date received 12-10-51

Participation

Burke John Mica Miners
c/o Lin Carpenter, Manager
Spruce Pine, North Carolina

Name and address of applicant

Date

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C. DEC 10 2 30 PM '51

FILL IN THIS BLOCK

Date of application December 6, 1951

Estimated cost

Mineral or metal Strategic Mica

Percentage of Government participation

Location of mine 5 miles northwest of Franklin, North Carolina

Date of filing MF-100 Herewith

DMA Docket Number, if available

## INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

## THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

| | *Tons per day* | *Grade or analysis* | *Cost per ton* | *Net value per ton* |
|---|---|---|---|---|
| (1) Mining | | | | |
| (2) Milling | | | | |
| (3) Shipped or sold | | | | |

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

## THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

## THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

## CERTIFICATION

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

Burke John Mica Miners
(Name of company)

By _____
(Signature of authorized official)

December 1, 1951
(Date)

Manager (a general partner)
(Title)

**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.**

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Burke John Mica Miners
c/o Lin Carpenter, Manager
Spruce Pine, North Carolina

1. Applicant is a partnership, a joint venture of persons named in answer to question 2.

2. Lin Carpenter, J. C. Buchanan, of Spruce Pine, North Carolina, and N. E. Mashburn of Franklin, North Carolina.

3. Not a corporation.

4. For mining and general business experience of persons in this joint venture, see Exhibit A.

5. Lessee--See Exhibit B.

6. Not owner of property.

7. Lease is in good standing, copy is attached as Exhibit B.

   Note: Six copies of landlords subordination agreement is attached to original copy of this application as Exhibit B.

8. No financial statement. New joint venture.

9. Applicant will donate the rental value of its air compressor, hoist, hand tools, two jackhammers, and station wagon. It will also donate the drill steel that will be consumed. It will be seen that the value of this participation approximates 20% of the cost of the project. See answer 23.

10. (a) Legal description is a matter of record in the land records of Macon County. See Lease in Exhibit B which sets forth Book and Page of records in which legal description is incorporated.

    (b) Exploration to be conducted within 300 foot radius of center of abandoned shaft marked on map of mine. See Exhibit C.

11. Burke John Prospect.

12. Roads are generally good for this area. Access to mine needs improving, and will be improved when and if commercial production is attained. Prospect is five miles N.W. of Franklin, Macon County, North Carolina. See map at Exhibit C. Ore can be trucked to Franklin where it can be sold, or shipped by the Tallulah Falls R.R. to the Government purchasing depot or stockpile. Ore can also be trucked to Spruce Pine which is approximately 110 miles northeast of Franklin.

13. Strategic grade mica. No flow plant operations are now contemplated. However, if sufficient columbite, tantalum, and other pegmatite hevies are discovered, a small plant may be installed on the Iotla creek that will reduce these hevies to a saleable conglomerate.

14. None.

15. Ore can be shipped by truck to Franklin, 5 miles southeast of mine, or to Spruce Pine, 110 northeast of mine. See answer to question 12.

16. There is no production history. However this prospect was viewed by the USGS during World War II, and that Government agency probably has an approximation of its potentialities. Mica from this prospect has been tested by Dr. Jahns and Lancaster. See USGS paper 225, page 56.

17. Not now in production.

18. Ore reserves not known. The purpose of this exploration project is to determine the mineralization of this pegmatite dyke at the places it will be penetrated by the shafts as explained in answer to question 21.

19. None.

20. Strategic sheet mica.

21. It is proposed to begin with a dozer cut fifty feet downgrade from the abandoned shafts. (See Exhibit C.) This first dozer cut will be run parallel with an' imaginary line running throught the shaft openings. The cut will be 100 feet long, 15 to 20 feet deep, and 12 feet wide at its lowest depth. A second cut will be made 50 feet lower downgrade and parallel to both the first cut and the line of abandoned shafts. This second cut will also be 100 feet long, 15 to 20 feet deep and 12 feet wide at its lowest depth.

    Mr. Mashburn, a member of the partnership, has reason to believe that the past workings were done too high upgrade. It is his belief that the pegmatite dyke lies in a plane parallel with the surface grade or dipping at less angle than the surface grade. It appears that the major portion of the dyke has never been contacted but rather that the prior prospectors were on the fringe of the dyke on its upgrade side.

    To outline the width of the dyke as well as its length it is proposed to make a dozer cut perpendicular to the line of abandoned shafts starting at the base of this imaginary line and going downgrade for a distance of one hundred feet to intersect the lowest level dozer cut.

    To determine the mineralization of the dyke it is proposed to sink a shaft at opposite ends of each of the parallel dozer cuts and to lower these shafts through the dyke. If mica bearing gneiss is contacted in lowering these shafts it is desired to drive a tunnel toward the old shafts to determine the extent and proportion of the mica gneiss to the pegmatite dyke.

    This prospect lies in the immediate vicinity of mines that have produced large quantities of ruby muscovite of high quality. It is felt that this prospect should be explored at least to the extent set forth above. If the USGS or the DMEA field team feel that the exploration should be conducted in a different manner, their suggestions will be graciously received.

22. Possibilities are a matter of record with the USBM and USGS.

23.

| | per week | 12 week total |
|---|---|---|
| (a) | | |
| 2 muckers at $40 each | $80 | 1920 |
| 2 drillers at $50 each | 100 | 2400 |
| (b) | | |
| 1 supervisor | 50 | 1200 |
| (c) none. | | |
| (d) none. | | |
| (e) *Misc. hand tools | | 250 |
| (f) none. | | |
| (g) *1 105 cu. ft. air compressor | | 450 |
| *1 hoist complete | | 300 |
| *2 jackhammers | | 420 |
| *1 station wagon | | 360 |
| (h) *Drill steel | | 100 |
| Drill bits | | 300 |
| (i) Gas and oil | 25 | 600 |
| Dynamite | 25 | 600 |
| Bulldozing 80 hrs. at $12.50 | | 1000 |
| | | $9900.00 |

* Value total $1880

24. Applicant anticipates that the dozer cuts and shafts can be completed in the three month period. However, if the dyke is further underground than is now expected, an extension of the contract might be requested.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

# GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dmea 2277

Date received 12-10-51

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. 2:28 PM '51 DEC 10

Burke John Mica Miners
c/o Lin Carpenter, Manager
Spruce Pine, North Carolina

Name and address of applicant

Date _____

## INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

## GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

| Name and Address (a) | Official Title (If officer is also director indicate by "D") (b) | Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c) | Estimated Net Worth Outside of Interest in Applicant (d) | Number of Shares Held in Applicant Corporation: Common (e) | Number of Shares Held in Applicant Corporation: Preferred (f) | Life Insurance Carried for Benefit of Applicant: Amount (g) | Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h) |
|---|---|---|---|---|---|---|---|
| Lin Carpenter | gen. part. | ---- | 75,000 | ---- | ---- | ---- | ----- |
| Spruce Pine, N. C. | | | | | | | |
| J. C. Buchanan | gen. part. | ---- | 20,000 | ---- | ---- | ---- | ---- |
| Spruce Pine, N. C. | | | | | | | |
| N. E. Mashburn | gen. part. | ---- | 15,000 | ---- | ---- | ---- | ----- |
| Franklin, N. C. | | | | | | | |
| | | | | | | | |
| | Total | | x x x x x | | | x x x x x | x x x x x |

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

Not applicable

**For Corporate Applicants**

| Item | Authorized (a) | Outstanding (b) | Par Value (c) | Number of Shares Outstanding (d) | Dividend Rate Last Paid* (e) |
|---|---|---|---|---|---|
| Common stock | $ | $ | $ | | |
| Preferred stock | $ | $ | $ | | |

*Indicate period covered.

10. Production:

| Item | Kind of Product (a) | 1948 Total (b) | 1949 Total (c) | 1950 Total (d) | Present Average Monthly (e) |
|---|---|---|---|---|---|
| 1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.) | | | | | |
| 2. Quantity of product processed (specify unit of measure and type of process) | | | | | |
| 3. Quantity and grade of product sold or shipped (specify units of measure) | | | | | |

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Burke John Mica Miners
c/o Lin Carpenter, Manager
Spruce Pine, North Carolina

1. (a) Strategic mica.
   (b) Feldspar.

2. New project. Old prospecting shafts have been abandoned. Proposed workings are not flooded.

3. (a) Prospect is five miles NW of Franklin, Macon County, North Carolina.
   (b) Franklin--Sylvan
   (c) Not applicable
   (d) Macon County, North Carolina.

4. (a) Not now in operation.
   (b) Lessee

5. Not now in production. Will be placed in production if requested exploration contract work reveals commercial mineralization of pegmatite.

6. See attached personal history sheets.

7. History not known by applicant.

8. Answered on form.

9. Not applicable.

10. Not now in production.

11. Production depends on results of exploration.

12. Not known. It is anticipated that exploration will aid in determining mineral reserve.

13. Access road is useable. Will be improved if commercial production is commenced.

14. Iolta creek is within 500 feet of mine. No flow operation contemplated.

15. Gasoline fuel will be used.

16. It is proposed to hire
    2 muckers
    2 drillers
    1 supervisor

17. 1 105 cu. ft. air compressor
    1 hoist complete
    2 jackhammers
    1 station wagon

18. This prospect is located in an area that is well known for its mica deposits.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

**TOTAL ORE OR MINERAL RESERVES**

| Ore or Mineral Reserve | Estimated Tons (a) | Metal or Mineral Content Per Ton (Grade) (b) | Gross Value Per Ton (c) | Recoverable Unit Value Per Ton (d) | Estimated Cost of Production Per Ton (e) |
|---|---|---|---|---|---|
| Measured (proved) | | | | | |
| Indicated (probable) | | | | | |

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

**CERTIFICATION**

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

Burke John Mica Miners
(Name of company)

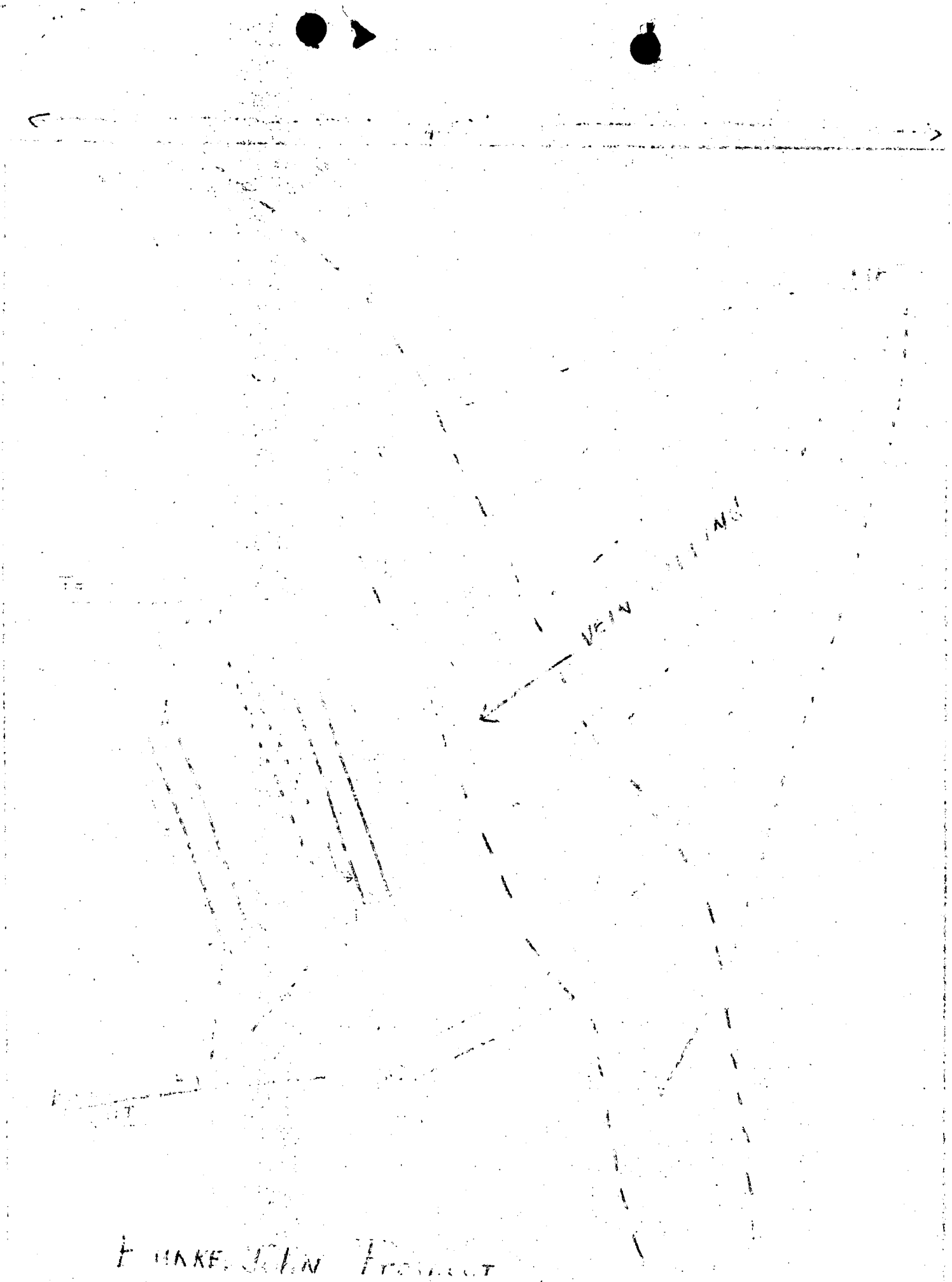
By Lin Carpenter
(Signature of authorized official)

December 1, 1951
(Date)

Manager (a general partner)
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1


VEIN

NORTH CAROLINA

MACON COUNTY

THIS LEASE AGREEMENT, Made and entered into this the 9th day of August, 1951, by and between ELISA COBB GRIST and her husband, PAUL GRIST, of Macon County, North Carolina, parties of the first part, and N. E. MASHBURN, of Macon County, North Carolina, and LIN CARPENTER and J. C. BUCHANAN, of Mitchell County, North Carolina, parties of the second part;

W I T N E S S E T H:

That said parties of the first part in consideration of One ($1.00) Dollar paid to them by parties of the second part, the receipt of which is hereby acknowledged, and subject to the terms and conditions hereinafter set forth, have let and leased and by these presents do hereby let and lease unto said parties of the second part, their heirs and assigns, the mica and all mica mining privileges as hereinafter set forth, upon the following described lands in Macon County, North Carolina:

> Situated on the waters of Totla Creek, and consisting of all the lands described in a deed from J. Frank Ray, Trustee, to M. D. Billings, dated 15 September, 1923, and registered in the office of the Register of Deeds for Macon County, in Deed Book J-4, page 229, and also all the lands described in a deed from N. L. Barnard and wife, to Mrs. T. O. Havener and M. D. Billings, dated 20 January, 1917, and registered in the office of the Register of Deeds for Macon County, in Deed Book X-3, page 571, and the lands described in a deed from W. R. Morgan and his wife, Ellen Morgan, to M. D. Billings, dated 24 April, 1919, and registered in the office of the Register of Deeds for Macon County, in Deed Book I-4, page 270.

The terms and conditions of this lease are as follows:

1. Parties of the second part shall have the right under the terms hereof to enter upon said property and explore, prospect for, mine, dig, mill, process and remove all mica now in, under or upon the above described lands; to construct such roads or trails, and erect such structures and buildings upon said property as may be necessary or convenient to properly conduct mining operations, and the right to use the water in any stream upon said land for such mining operations.

2. Parties of the second part agree to pay to parties of the first part the following royalty:

(a) Twelve and one-half ($12\frac{1}{2}\%$) per cent of the gross selling price of all sheet mica recovered from said property.

(b) One and one-half ($1.50) Dollar per ton for all scrap mica recovered from said property.

3. Parties of the second part agree to make all royalty payments, monthly, on or before the 10th day of each calendar month on all mica sold the preceding month.

4. Parties of the second part agree to keep a correct and itemized record of all sales, which record shall be open for inspection of parties of the first part, and parties of the second part shall furnish to parties of the first part at the time of each monthly payment a copy of each sales report or invoice.

5. The duration of this lease shall be three (3) years from the date hereof, but it is understood and agreed that if mining operations upon said property shall prove profitable, then parties of the second part shall have the right to renew this lease for one (1) year at the end of said time, provided that they shall have operated the mine continously for the preceding eight (8) months.

6. As a part of this lease, parties of the first part give and grant unto the parties of the second part such necessary right-of-way, as the parties of the first part own or have power to convey, to build such trails or roads upon said property as may be necessary for the installation of machinery or the proper operation of the mines.

7. Parties of the second part further agree to pay the dumping fee of Twenty-five ($25.00) Dollars per annum for dumping muck on the adjoining property owned by Fred Willis.

8. If the parties of the second part shall fail to operate the mine for any period of sixty (60) full working days, the parties of the first part, at their option, may declare this lease terminated and of no further force and effect, and upon notice to parties of the second part of such termination, the said parties

of the second part shall surrender to parties of the first part immediate possession of the property.

9. So long as this lease shall be in effect the parties of the second part shall operate the mines in such manner as not to unnecessarily damage the property for further operation, and shall keep the mines properly timbered, and either remove all muck as they operate or place it on well-timbered lofts.

TO HAVE AND TO HOLD said mica and mining privileges hereinabove set forth according to the terms hereof, unto the said parties of the second part, their heirs and assigns, to their only use and behoof.

IN TESTIMONY WHEREOF, the parties hereto have hereunto set their hands and seals, the day and year first above written.

/s/ Elva Cobb Grist (SEAL)
/s/ Paul L. Grist (SEAL)
/s/ N.E. Mashburn (SEAL)
_____ (SEAL)
_____ (SEAL)

NORTH CAROLINA
MACON COUNTY

THIS LEASE AGREEMENT, Made and entered into, this the 26th day of July, 1952, by and between L. B. LINER and wife, TRESSIE LINER, R. G. RAY and wife, LILLIE RAY and DONNIE DUVALL and ROY H. FOUTS ~~and wife,~~ ~~FOUTS~~ of Macon County, North Carolina, parties of the first part, and NORMAN MASHBURN of Macon County, North Carolina, LIN CARPENTER and JOHN PHILLIPS of Mitchell County, North Carolina, parties of the second part,

W I T N E S S E T H

That said parties of the first part for and in consideration of the sum of ONE ($1.00) DOLLAR to them paid by the parties of the second part, receipt of which is hereby acknowledged, and subject to the terms and conditions hereinafter set forth, have let and leased, and by these presents do hereby let and lease unto said parties of the second part, their heirs and assigns, all the minerals, mineral rights, mining privileges and all other rights, easements and privileges in the following described portion of the lands set forth and described in that certain mining lease made and entered into on the 4th day of April, 1952 by L. B. Liner and wife, Tressie Liner, R. G. Ray and wife, Lillie Ray, Donnie Duvall, to Roy H. Fouts. The portion of the lands conveyed in this lease is described as follows:

A strip of land 200 feet in width adjoining the Grist property on the South, said strip beginning on a hickory, the Southeast corner of the Grist land, thence S 7 W 200 feet to a stake; thence N 75 W 750 feet to Willis line; then N 7 E 200 feet; thence with theSouth boundary of the Grist property to the BEGINNING.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. Parties of the second part shall have the right,

under the terms hereof, to enter upon said property and explore, prospect for, mine, dig, mill, process and remove all minerals now in, under or upon the above described lands; to construct such roads or trails and erect such structures and buildings upon said property as may be necessary and convenient to conduct mining operations, and the right to use the water of any streams upon said land for said mining operations.

2. Parties of the second part agree to pay to parties of the first part the following royalty: Twelve and one-half (12½) per cent of the gross selling price of all minerals recovered from said property, with the exception of scrap mica, for which the royalty shall be $1.50 per ton.

3. Parties of the second part agree to make all royalty payments monthly, on or before the 15th day of each calendar month on all minerals sold the preceding month.

4. Parties of the second part agree to keep a correct and itemized record of all sales, which record shall be open for inspection of parties of the first part, and parties of the second part shall furnish to parties of the first part, at the time of each monthly payment, a copy of each sales report or invoice.

5. The duration of this lease shall be Three (3) years from the date hereof.

6. As a part of this lease, parties of the first part give and grant unto parties of the second part such necessary rights-of-way as said parties of the first part own or have power to convey to build such trails or roads upon

said property which may be necessary for the installation of machinery or the proper operation of the mines.

7. If the parties of the second part should fail to commence to operate the mines upon said property on or before three (3) months from this date, or fail to operate the mines for any period of 120 full working days, the parties of the first part at their opetion may declare this lease terminated and of no further force and effect, and upon notice to parties of the second part of such termination, said parties of the second part shall surrender to said parties of the first part immediate possession of of such property.

8. The parties of the second part agree to commence operation of said mines as soon as possible and to work the same continually during the term of this lease, unless it is necessary to close the same on account of weather conditions or other causes beyond the control of parties of the second part.

9. So long as this lease shall be in effect, said parties of the second part shall operate the mines in such manner so as not to unnecessarily damage the property for further operation, and shall keep the mines properly timbered.

TO HAVE AND TO HOLD said mica and mining privileges hereinbefore set forth according to the terms hereof, unto the said parties of the second part, their heirs and assigns, to their only use and behoof.

IN TESTIMONY WHEREOF, the parties hereto have set their hands and seals, the day and year first above written.

L. B. Liner (SEAL)
Tressie Liner (SEAL)
Lillie Ray (SEAL)
Roy H. Fouts (SEAL)
Donnie Duvall (SEAL)
R. G. Ray (SEAL)
Lin Carpenter, John Phillips
and Norman Mashburn (SEAL)
By Norman Mashburn (SEAL)
Partner

NORTH CAROLINA

MACON COUNTY

The Execution of the foregoing Lease Agreement was this day acknowledged before me by L. B. LINER and wife, TRESSIE LINER, R. G. RAY and wife, LILLIE RAY, DONNIE DUVALL and ROY H. FOUTS, ~~and wife,~~ ~~FOUTS~~ and NORMAN MASHBURN, for the purpose therein expressed.

WITNESS my hand and seal, this the 29 day of July 1952.

Von G. Henry

My Comm Ex - 10-20-53

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

Project Summary Report

By: Lawrence G. Houk June 24, 1954

1. DMEA Docket No. 2277 - Mica
Contract No. Idm-E412
Burke John Mine
Macon County, North Carolina

Operator: Burke-John Mica Miners
Spruce Pine, North Carolina

Operator's property rights:
Lease Agreement dated August 9, 1951.
Lease Agreement dated July 26, 1952.
Owner's Consents to Lien (two) dated September 15, 1952.

2. Contract - dated October 1, 1952

Work authorized:
Stage I:

| | | |
|---|---|---|
| Labor, Supervision, Consultants | | $1,220.00 |
| Operating Materials and Supplies | | 460.00 |
| Operating Equipment | | |
| Rented | $300.00 | |
| Purchased | 500.00 | 800.00 |
| Miscellaneous | | 240.00 |
| Contingencies | | 180.00 |
| | | 2,900.00 |

Stage II:

| | |
|---|---|
| Drift and crosscut 150 feet @ $26.00/ft. | 3,900.00 |
| Total estimated cost Stages I & II | $6,800.00 |
| Government participation at 90% | $6,120.00 |

Amendments:
No. 1 - 4/15/53 - Increases cost of authorized contract from $6,800.00 to $8,100.00, and Government participation from $6,120.00 to $7,290.00.
No. 2 - 5/15/53 - Extends completion date from 8 mos. to 12 mos.
No. 3 - 9/28/53 - Extends completion date from 12 mos. to 16 mos.
No. 4 - 2/1/54 - Extends completion date from 16 mos. to 19 mos.

Work completed:

| | |
|---|---|
| 136 ft. of drifting at $26.00/ft. | $3,536.00 |
| 14 ft. crosscutting at $26.00/ft. | 364.00 |
| Rehabilitating adit, etc. | 3,900.00 |
| Surveying | 60.00 |
| Bulldozing | 300.00 |
| Total | $8,160.00 |
| Less disallowed surveying | (60.00) |
| Less salvage value of equipment | (100.00) |
| Total accepted cost | $8,000.00 |
| Government participation at 90% | $7,200.00 |

Work began on October 6, 1952, and was completed on April 30, 1954.
Final Field Team Report received 6/14/54
Final Operator's Report received 5/25/54

3. Audit - Report of Review dated June 9, 1954.

| | | |
|---|---|---|
| Total cost as billed by Contractor | | $8,160.00 |
| Less proceeds from property disposition | | 100.00 |
| Net cost as claimed by Contractor | | $8,060.00 |
| Exceptions: | | |
| By DMEA Finance Officer | $60.00 | |
| Herewith | -0- | 60.00 |
| Total accepted cost | | $8,000.00 |
| Government participation 90% | | $7,200.00 |

4. Certification of discovery _____.

5. Comments:

How conducted - In an efficient and satisfactory manner.

Operation - good.

Engineering - good.

Geological premise - The previously mined mica shoot, about 50 ft. in length, continued to depth.

Geological criteria upon which work was based: Zoned pegmatite of minimum thickness of 19 feet.

Criteria developed during project: None. The shoot did not continue to depth.

Future possibilities: Possitilities for feldspar production exist. No additional exploration warranted.

Recommendations: The Nonmetallic Minerals Division concurs in the Field Team's recommendation to certify. The Bureau of Mines and the Geological Survey concur.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| 4/9 | Murphy | 500 |
| | Dowdy | 500 |
| 4/3 | Talbert | 800 |
| 4/2 | [illegible] | 120 |
| 4/3 | Johnson | 110 |
| 4/3 | [illegible] | 100 |
| | | 220 |
| | | |
| | | |

APR 3 1963

Burke John Mica Miners
c/o Joan F. Huskins, Mgr.
Spruce Pine, North Carolina

Re: DMEA-2277 (Mica)
Burke John Mica Miners
Burke John Mine
Mitchell County, North Carolina
Contract Lds-8412

Gentlemen:

By the terms of the subject Exploration Project Contract, as amended, and the certification of discovery or development dated June 30, 1954, all minerals mined or produced from October 1, 1952, to October 1, 1962, were subject to the Government's royalty as set forth in said contract.

As the period during which production was subject to royalty has now expired, the Government according to its present records retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this contract. Your attention, however, is called to the provisions of the contract which require the Operator to keep and preserve certain records for the periods indicated.

Sincerely yours,

George Fumich, Jr.

Director

FMMurphy/mm
4/3/63

cc: Mr. & Mrs. Paul L. Grist, Franklin, North Carolina
Mr. & Mrs. L. B. Liner " "
Mr. & Mrs. R. G. Ray " "
Miss Donnie Duvall " "
Director's Reading File
Region IV 2 R. A. Laurence w/cy of Form 63 completed
CA&A Division
Docket
Code 500

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| 4/3 | Murphy | 500 |
| | Duvall | 500 |
| 4/3 | Talbert | 800 |
| | Selfridge | 220 |
| " /3 | [illegible] | 110 |
| 4-8 | [illegible] | 100 |
| | | 220 |
| | | |
| | | |

APR 3 1963

Mr. and Mrs. L. B. Liner

Franklin, North Carolina

Re: DMEA-2277 (Mica)
Burke John Mica Miners
Burke John Mine
Macon County, North Carolina
Contract Idm-2412

Dear Mr. and Mrs. Liner:

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

This correspondence relates to the Owner's Consent to Lien form executed by you on September 15, 1952, under the Defense Minerals Exploration Administration program.

Sincerely yours,

George Fumich, Jr.

Director

Enclosure

FMMurphy/mm
4/3/63
cc: Director's Reading File
R. A. Laurence
Docket
Code 500
Identical letter sent also to : Mr. & Mrs. R. G. Ray and Miss Donnie Duvall, both of Franklin, North Carolina

8623

DMEA Form 7
(12-56)

APR 3 1963

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| 4/3 | Murphy | 500 |
| | Drake | 500 |
| 4/3 | Talbert | 800 |
| | Selfridge | 920 |
| 4/3 | Johnson | 110 |
| 4-3 | Fumich | 100 |
| | | 220 |
| | | |
| | | |

Mr. and Mrs. Paul L. Grist

Franklin, North Carolina

Re: DMEA-2277 (Mica)
Burke John Mica Miners
Burke John Mine
Macon County, North Carolina
Contract Idm-E412

Dear Mr. and Mrs. Grist:

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

This correspondence relates to the Landlord's Subordination Agreement executed by you on December 1, 1951, and the Owner's Consent to Lien executed by you on September 15, 1952, under the Defense Minerals Exploration Administration program.

Sincerely yours,

George Fumich, Jr.

Director

Enclosure

FMMurphy/um
4/3/63
cc: Director's Reading File
R. A. Laurence
Docket
Code 500

8623

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

March 22, 1963

Re: DMEA-2277 (Mica)
Burke-John Mica Miners
Burke-John Mine
Macon County, No. Carlina
Contract Idm-E412

Mr. Sam L. Phillips, Partner
Burke-John Mica Miners
Spruce Pine, North Carolina

Dear Mr. Phillips:

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

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

If you will be kind enough to bring us up to date we shall be able to release the Government lien against production from this property.

Royalty expired 10/1/62

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

OFFICIAL FILE COPY
O. M. E
RECEIVED APR 2 1963

| DATE | INITIALS | CODE |
|---|---|---|
| 4/2 | | 800 |
| 4-2 | | 100 |
| 4/2 | | 110 |
| 4/3 | | 500 |
| | | |
| | | |
| | | |

MME Form 63
Revised 3-62

DMEA-2277
Idm-E412

# REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. From May 23, 1962, to October 1, 1962, ~~Since~~ was ~~xxhax~~ there ~~been~~ a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☑

2. From May 23, 1962, to October 1, 1962, ~~Since~~ was ~~xxhax~~ there ~~been~~ any production from the land subject to the contract? Yes ☐ No ☑

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

| | Quantity | Value |
|---|---|---|
| | | |

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

| Type | Quantity | | Estimated Grade | Location |
|---|---|---|---|---|
| Ore | | Tons | | |
| Concentrates | | Tons | | |
| Other | | Tons | | |

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

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

| Disposition of Material | Quantity | Value |
|---|---|---|
| | | |

Submitted by:

Name Jean Hudkins Title Pres.

Address Spruce Pine, N.C. Date 3-28-63

4511

SPRUCE PINE GOLF COURSE
BOX 500
SPRUCE PINE, N. C.

SPRUCE PINE
MAR 28
6 PM
1963
N. C.

United States
Department of the Interior
Washington 25, D. C.

E Form 7
(10-58)

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| 7/24 | GCS | 120 |
| | | |
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| | | |
| | | |
| | | |
| | | 225 |
| | | |

JUL 24 1962

**Memorandum**

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

**From:** Chief, Division of Field Operations, OME

**Subject:** DMEA-2277 (Mica)
Burke John Mica Miners
Burke John Mine
Macon County, North Carolina
Contract Idm-E412

Enclosed for your files is the original of a Report of Royalty Review on the subject contract.

George C. Selfridge

(GCS)

Enclosure

GCSelfridge/hb (7/23/62)
cc to: Docket DMEA-2277
Director's Reading File
CA&A Division
G. C. Selfridge
R. A. Laurence, USGS, Reg. IV, w/cy of Report of Royalty Review dtd 7/20/62 & orig. cy of memo dtd 7/20/62 to Chief, Div. of Field Operations from CA&A Division.
Avery Reed, USBM, Reg. IV, w/cy of ea. item sent to Mr. Laurence.

43683

ME Form 7
(10-58)

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| | | 220 |
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| | | |
| | | |
| | | |

JUL 2 0 1962

Memorandum

To: Chief, Division of Field Operations

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

Subject: DMGA-2277 (Mica)
Burke John Mica Miners
Burke John Mine
Macon County, North Carolina
Contract Idm-S412

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

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

(2) Two copies to Region IV files.

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

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

Enclosures

EDTalbert/ama 7-20-62

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

43683

OME Form 7
(10-58)

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| [illegible] | [illegible] | [illegible] |
| | | [illegible] |
| | | [illegible] |
| | | 11[illegible] |
| | | 190 |
| | | 220 |
| | | |
| | | |
| | | |

June 26, 1962

Memorandum

To: [illegible]

From: [illegible], OME Auditor

Subject: [illegible] Pine Mica [illegible] Reports, [illegible] 22, 1962

During the [illegible] June 18 to [illegible], 1962, [illegible] the purchase records [illegible] Mica Purchase [illegible] Pine, North Carolina, [illegible] purpose of ascertaining [illegible] mineral production under [illegible] project contracts. [illegible] not identified [illegible] mineral production [illegible] under the following [illegible]

| Contract No. | | Agent | Mine Owner |
|---|---|---|---|
| [illegible] | [illegible] | [illegible] Mica Corporation | [illegible], Reid-Mary, [illegible] |
| 456 | [illegible] | [illegible], Reid [illegible] | [illegible], Reid-Mary, [illegible] |
| 393 | [illegible] | [illegible] Minerals, Inc. | [illegible] (Stevens) |
| 412 | [illegible] | [illegible] John Mica [illegible] | [illegible], N. L. Barnard |
| 461 | [illegible] | [illegible] Angel | [illegible] |
| 472 | [illegible] | [illegible] Associates | [illegible], [illegible], Turley |
| 638 | [illegible] | [illegible] Mines, Inc. | [illegible] |
| 476 | [illegible] | [illegible], Reid | [illegible] |
| 516 | [illegible] | [illegible] Mica Mi[illegible] | [illegible] Jones |
| 519 | | [illegible] | [illegible], Little Sam |
| [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] |
| 516 | [illegible] | [illegible] Mica [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] Mine [illegible] | |
| [illegible] | [illegible] | [illegible] | |
| 662 | [illegible] | [illegible] Metallic [illegible] | [illegible] |
| 674 | [illegible] | [illegible] Mining [illegible] | [illegible], [illegible] (Talent) |
| 679 | [illegible] | [illegible], Burleson | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] |

Director's Reading File
GA & A Division
Section IV Files (2)

[illegible]/[illegible]
6-26-62

[illegible]

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

March 22, 1963

Re: DMEA-2277 (Mica)
Burke-John Mica Miners
Burke-John Mine
Macon County, No. Carline
Contract Idm-E412

Mr. Sam L. Phillips, Partner
Burke-John Mica Miners
Spruce Pine, North Carolina

Dear Mr. Phillips:

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

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

If you will be kind enough to bring us up to date we shall be able to release the Government lien against production from this property.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

DMRA-2277
Idm-E412

# REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

**From May 23, 1962, to October 1, 1962,**

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

**From May 23, 1962, to October 1, 1962,**

2. ~~Since~~ ~~was~~ ~~has~~ there ~~been~~ any production from the land subject to the contract? Yes ☐ No ☐

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

| | Quantity | Value |
|---|---|---|
| _____ | _____ | _____ |
| _____ | _____ | _____ |

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

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

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

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

| Disposition of Material | Quantity | Value |
|---|---|---|
| _____ | _____ | _____ |

Submitted by:

Name _____ Title _____

Address _____ Date _____

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

OFFICIAL FILE COPY
O. M. E
RECEIVED MAY 25 1962

| DATE | | AMOUNT |
|---|---|---|
| 5/25 | | 800 |
| 5/25 | | 100 |
| | | 110 |
| | | 500 |
| | | 220 |

MAY 21 1962

Re: DMEA-2277 (Mica)
Burke-John Mica Miners
Burke-John Mine
Macon County, No. Carolina
Contract Idm-E412

Mr. John Phillips
Burke-John Mica Miners
Spruce Pine, North Carolina

Dear Mr. Phillips:

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

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

Sincerely yours,

Willis R. Griswold

Willis R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

## REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since May 18, 1961, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☑

2. Since May 18, 1961, has there been any production from the land subject to the contract? Yes ☐ No ☑

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

| | Quantity | Value |
|---|---|---|
| | | |
| | | |

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

| Type | Quantity | Estimated Grade | Location |
|---|---|---|---|
| Ore | Tons | | |
| Concentrates | Tons | | |
| Other | Tons | | |

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

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

| Disposition of Material | Quantity | Value |
|---|---|---|
| | | |

Submitted by:

Name Sam L. Phillips Title Partner

Address Date May 23, 1962

4511

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

OFFICIAL FILE COPY
O. M. E.
RECEIVED MAY 22 1961
REFER TO:

| DATE | INITIALS | CODE |
|---|---|---|
| 5/22 | gad | 220 |
| | mecore | ~~110~~ |
| 5/23 | [illegible] | 800 |
| " | gla | 500 |
| | | |
| | | 220 |
| | | |

May 18, 1961

Report of Inspection of Certified Project

Lin Carpenter

Burke-John mine, Macon County, N.C.
DMEA 2277 E 41 V

No work has been done at the Burke-John mine for several years. The portal of the DMEA adit is caved and no equipment is on the property.

Frank G. Lesure

Date Inspected
24 April 1961

MME Form 18
10-60

OFFICE OF MINERALS EXPLORATION

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

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

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

| | | | |
|---|---|---|---|
| | | To | Report Period 5-1-61 |
| Docket No. 2277 | Operator Lin Carpenter | | Contract No. E412 |
| ORE ESTIMATES | Original DMEA or OME (From Final Report) | Revised DMEA or OME | Found by Operator after DMEA-OME work |
| Analysis | | | |
| Tons Found | 18,250 Feldspar | | |
| Tons Produced (Ore or Concentrate) | | | |
| Previously Reported | | | |
| This Period | | | |
| Tons Remaining | Same | | |

Comments of Analyst:

Inactive at present

Prepared by W R Gressnel Date 5/26/61

82444-60

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O. M. E.
RECEIVED JUL 6 1960

| DATE | INITIALS | CODE |
|---|---|---|
| 7-6 | gad | vvc |
| | | 116 |
| | | 800 |
| | | 500 |

NORTH CAROLINA PROJECTS
SEMI-ANNUAL REPORT ON CERTIFIED PROJECTS

Project Inactive since last Inspection

Reporting Per January 1 to July 1, 1960.

| DMEA No. | Operator | Date of Inspection |
|---|---|---|
| [illegible] | Pitt Mica Co. (Mary Mine) | June 13 [illegible] 1960 |
| 1141 | Franklin Developers (Campbell Mine) | " |
| 1700 | Fred D. Cabe (Cabe Mine # 1) | " |
| 2150 | Reid-Hooker Ptners (Reid -Hooker Mine) | " |
| [illegible] | Lin Carpenter, Mgr. (Burke John Mine) | " |
| [illegible] | Dixie Minerals, Inc. (Upper Mine and D. H. Stephens Mine) | " |
| [illegible] | A. W. Reid, Operator (May Mine) | " |
| [illegible] | Yancey Mica Mines, Inc. (Cattail Mine) | " |
| [illegible] | Robinson and West (Swannanoa Mine) | " |
| [illegible] | Piedmont Minerals (Self Mine) | " |
| [illegible] | Anglin & Elkins (Huskins Mica Mine) | " |
| [illegible] | Zeb Angel (Kasson Mine) | " |
| [illegible] | Latt Young (Cox Mine) | " |
| [illegible] | Duncan Mining Co. (Connolly Mine) | " |

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 21 1959

| DATE | INITIALS | CODE |
|---|---|---|
| 9-21 | gad | |
| 9-21 | [illegible] | |
| 9-22 | [illegible] | |
| | | |
| | | |
| | | |

# [illegible] ANNUAL REPORT ON CERTIFIED PROJECTS IN THE FRANKLIN, N. C. AREA

Ins[illegible] projects since last report

[illegible]ed January 1, 1959 to July 1[illegible]1959 [illegible]

| Ide[illegible] | Mine Name | Operator | [illegible] |
|---|---|---|---|
| 87 | [illegible] Mary | Pitt Mica Company | [illegible] |
| [illegible] | [illegible] # 1 | Fred Cabe | 9/2/59 |
| [illegible] | Reid | Reid & Hooker | |
| | Burke John | Burke John Mica Miners | |
| | D.H. Stephens | Dixie Minerals Inc. | |
| | May | A. W. Reid | |
| | Buford Cove | Mica Industries | |
| | Tawson | Zeb Angel | |
| | Shell Ridge | Dixie Minerals Inc. | |
| | Cox | Lett Young | |
| 5 | Eagle Cope | Good Mica Mining Co. | |
| | Terrill Bryson | B. T. R. Mining Co. | |
| 8[illegible] | Parlow Gap | Mines & Mining Inc. | |
| [illegible] | Mud Cut & [illegible] | Sam Phillips, et al. | |
| 73[illegible] | Elmore | A. Ward | |
| 8[illegible] | Dream Mine | Buchanan Minerals Inc. | |
| 8[illegible] | Cedars | Alvin White, et al. | |

Official

# SEMI-ANNUAL REPORT ON CERTIFIED OR PSEUDO CERTIFIED PROJECTS

## INACTIVE SINCE LAST INSPECTION 7/2 C 220 600

Commodity : Mica

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

| DMEA No. | Idm-E | Operator & Mine | Date Inspected |
|---|---|---|---|
| 1140X | 87 | Pitt Mica Corp (Mary Mine) | June 25, 1958 |
| 1700X | 116 | Fred Cabe (Cabe No.1 Mine) | " " " |
| 2150 | 456 | Reid & Hooker (Reid Mine) | " " " |
| 2277 | 412 | Burke John Mica Mines (Burke John Mine) | " " " |
| 2293 | 393 | Dixie Minerals Inc. (D.H. Stephens Mine) | " 24 " |
| 2327 | 476 | Andrew N. Reid (May Mine) | " 25 " |
| 2582 | 461 | Zeb Angol (Kasson Mine) | " 24 |
| 2610 | 431 | Dixie Minerals Inc. (Shell Ridge Mine) Pseudo | " 24 " |
| 2687 | 425 | Sam Phillips, et al (Iotla Bowers Mine) | " 25 " |
| 2875 | 613 | Latt Young (Cox Mine) | " 24 " |
| 2926 | 516 | The Moodmica Mining Co. (Engle Cope Mine) | " 24 " |
| 3000 | 557 | B.T.R. Mining Co.(Terrill Bryson) mine | " 25 " |
| 3265 | 830 | Mines & Mining Inc.(Farlow Gap) | " 26 " |
| 3287 | 674 | Sam Phillips, et al (Mud Cut & Tallent Mines) | " 25 " |
| 3469 | 737 | A Ward(Elmore Mine) | " 24 " |
| 3720 | 805 | Alvin White, et al(Coward Mine) | " 24 " |
| 3543 | 891 | Buchanan Minerals Inc(DUBAM Mine) | " 24 " |

Mr. A. Book, Mining Engineer, USBM (R)

DMEA
RECEIVED FEB 6 1958

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DMEA EXPLORATION PROJECT

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

DMEA-2277, Idm-E412 (mica) BURKE-JOHN MINE
Macon County, North Carolina

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

Operators: Lin Carpenter, Norman Mashburn and John Phillips, d/b/a Burke-John Mica Miners, Spruce Pine, N.C.

This mine was visited January 23, 1958. The only work done on the property since the last inspection was a few passes with a bulldozer by Roy H. Fouts on the north side of the pegmatite. A little ruled mica of no value was uncovered.

The old adit cannot be entered as it has caved.

Wm. A. Beck

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

2/4/58

z

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

DMEA EXPLORATION PROJECT

DMEA-2277, Idm-E412 (mica) BURKE JOHN MINE

Operator: Lin Carptenter, Norman Mashburn and John Phillips, d/b/a Burke-John Mica Miners, Spruce Pine, N.C.

Location: Three airline miles and 5 miles by road N 60°W of Franklin, Macon County, N. C. It is about 1200 ft west of Poindexter Branch of Iotla Creek.

This mine was visited August 9, 1957. No work had been done since completion of the contract.

Wm. A. Beck, Mining Engineer
Bureau of Mines

9/3/57

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| " | COM | 100 |

Semi-Annual Report of Certified Project

DMEA-2277, Idm-E412 (mica) Burke-John Mine

Reporting period: 7/1/56 to 1/1/57.

Operator: Lin Carpenter, Norman Mashburn, and John Phillips a/b/a Burke-John Mica Miners, Spruce Pine, N. C.

Location: Three airline miles and 5 miles by road N60°W of Franklin, Macon County, N. C. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

This mine was visited on March 19, 1957. No work has been done there since completion of the contract.

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

Inspected: March 19, 1957

WAB/as

412

RECEIVED
JUL 18 1956

Semi-Annual Reports of Certified Projects

Reporting Period 7/14/55 to 6/6/56 Date of Examination June 5, 1956

Operator Lin Carpenter, Norman Mashburn, and John Phillips d/b/a/ Burke-John Mica Miners, Spruce Pine, N. C.

Mine Name Burke-John Mine

County and State Macon County, North Carolina

Docket Number and Commodity --- DMEA-2277 Mica

Contract Number --- Idm-E 412

Date of Contract October 1, 1952

Date of Certification June 30, 1954

Expiration Date of Royalty Payments October 1, 1962

| | |
|---|---|
| Total Amount of Contract | $8,100.00 |
| Total Expenditures under Contract | 7,200.00 |
| Amount of Government Participation at 90 % | 7,290.00 |

| | |
|---|---|
| Royalty Payments this Period | None |
| Previous Royalty Payments | $22.27 |
| Total Royalty Payments to Date | 22.27 |
| Percent Government Participation Repaid | 0.309 of 1% (Based on total expenditures) |

Royalty Due on Production to Date None

Royalty Remarks

Royalty has been paid in full on mica production to date. No feldspar has been sold or mined since contract has been terminated, hence no royalty is due.

Feldspar:

Original Estimate of Reserves (from final Engr.-Geol. Report): Indicated - 3,250 tons; Inferred - 15,000 tons

Increase (or Decrease) of Reserves by work performed subsequent to original and last Field Team estimates: None

Revised Estimate of Reserves:

Production this Period (Ore or Concentrates) in suitable detail None

Amount of Previous Production (since date of contract) $445.36

Total DMEA Production to Date $445.36 ; 45.03 lbs. sheet mica.

Percent of Revised Reserves Mined None

Production Remarks:

No production during this period.

Other Remarks:

(Investments, description of additional exploration or development work, production facilities, and plant installations, etc. since completion of the exploration project work.)

Chalmers Mashburn, who lives about 50 yards from this mine on the lease property, reports that the operator has stated recently that some additional work for mica may be attempted in the near future.

Signed Lawrence E. Shirley Engineer
Lawrence E. Shirley
U. S. Bureau of Mines

RECEIVED
JUL 28 1955

REPORT OF INSPECTION OF CERTIFIED PROJECT

DMEA-2277, Idm-E412 (mica) BURKE-JOHN MINE
Macon County, North Carolina

Operators: Lin Carpenter, Norman Mashburn and John Phillips, d/b/a Burke-John Mica Miners, Spruce Pine, North Carolina

Location: Three miles (airline) N. 60° W. of Franklin, Macon County, N. C.

The subject property was visited July 14, 1955. No work was being done and there was no evidence that any had been done since completion of the exploration.

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

July 14, 1955

DOCKET FILE
Surname:
Doak
Butin
Chambers
Guild
Hodge
Sellnodge
Johnson

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

JUL 1 - 1954

Mr. Irving Gumbel, Acting Director
Materials Division
Emergency Procurement Service
General Services Administration
Washington 25, D. C.

Re: Docket No. DMEA-2277 - Mica
Burke-John Mica Mineral
Burke John Mine
Macon County, North Carolina
Contract No. Idm-E412

Dear Mr. Gumbel:

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

The exploration contract was signed October 1, 1952, with the Government participating to the extent of 90% of $6,800.00 or $6,120.00, and amended to total $8,100.00, April 15, 1953.

The project was started on October 6, 1952, and completed April 30, 1954, after the expenditure of $8,000.00, which is the total net accepted cost according to the Audit Review. The Government paid 90% of the total accepted cost or $7,200.00.

The work performed on this project consisted of rehabilitation of an existing 178-foot adit and driving 150 feet of levels in pegmatite. The exploration work encountered only a small quantity of strategic mica; however, commercial grade feldspar was found which the DMEA Field Team estimates amounts to 3,250 tons of indicated ore above level of adit, and 15,000 tons of inferred ore to 60 feet below the adit and extended 50 feet on each end of exposed pegmatite. Equipment purchased for the contract was one mine car at $115.00, and mine rail at $350.00. This was sold as salvage for $150.00, and 90% of this amount was deducted from the Operator's final voucher.

The DMEA concurs with the field team evaluation of the work performed and has certified that a discovery or development has resulted from the work under this contract.

Sincerely yours,

C. O. Mitteadorf

Administrator

Enclosure

LGHouk:gad 6/30/54

Operating Committee
Field Team, Region VII
Mr. Thayer, 4307 GSA Bldg.
Mr. Hedges, 4604

Copy to: Admr. R. File
Mr. Johnson
Mr. Chambers
Docket File
Mr. Houk

R.C.S.

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

DOCKET FILE
Surname:
Zook
Talbert
Upton
Guild
Hedges
Selfridge
Schmidt

JUL 1 - 1954

Mr. John Phillips
Marks-John Mica Mines
Spruce Pine, North Carolina

Re: Docket No. [illegible]77 - Mica
Marks John Mine
Marks-John Mica Mines
Mason County, North Carolina
Contract No. Im-[illegible]

Dear Mr. Phillips:

Transmitted herewith is a certification of discovery or development on Contract No. Im-[illegible] on the Marks John Mine, Mason County, North Carolina.

By the terms of the Exploration Project Contract and of the certification, all production from the property from the date of the Exploration Project Contract, October 1, 1954, is subject to the Government's percentage royalty as set forth in the contract until the sum of $7,200.00 is paid or until October 1, 1962, whichever occurs first.

Payments should be made to Mr. Robert A. Laurence, Executive Officer, Defense Minerals Exploration Administration Field Team, Region VII, Room 13, Post Office Building, Knoxville 2, Tennessee. Checks should be drawn payable to the Treasurer of the United States. The purchaser should be advised to deduct the royalties from the amount due on each shipment and forward check direct to the Executive Officer.

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

You are requested to notify Mr. Laurence of any changes in ownership or production rights that may have any effect on the Government's right to its percentage royalty. Also, if production ceases at any time for any extended period, please notify Mr. Laurence at six-month intervals that no production has been made.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Enclosure
Lease signed 6/25/54

Field Team, Region VII
Mr. Thayer, 5216 GSA Bldg.
Operating Committee
Mr. Bond

Copy to: Admr. A. File
Docket File
Mr. Johnson
Mr. Hedges, 4604
Mr. Chambers

R.C.S.

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

June 30, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Acting Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2277 (mica)

Contract Number: Idm-412

Applicant: Burke-John Mica Miners

Name and Location of Property: Burke-John Mine
Macon County, North Carolina

Date of Field Team's Final Report: June 10, 1954

Date Rec'd. by Ceramic & Fertilizer Materials Br.: June 18, 1954

Field Team's Recommendation:

1. Certification of discovery or development.

Comments:

1. Exploration began October 6, 1952 and was completed April 20, 1954.

2. Exploration was by rehabilitation of adit 178 feet, extension of adit 136 feet, and crosscutting 14 feet.

3. Mica obtained through DMEA exploration was sold for about $400.

4. A total reserve of 18,250 tons of feldspar has been estimated.

5. Expenditures

| | |
|---|---|
| Total approved | $8,100 |
| Total cost | 8,100 |
| Gov't. share of cost | 7,290 |
| Value | 400 |

Recommendation:

I concur in the field team's recommendation to approve certification of discovery or development.

Donald R. Irving

Donald R. Irving

IN REPLY REFER TO:
G-MD-CNM

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

June 17, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2277 (Mica).

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. A. Brobst, U. S. Geological Survey
Applicant: Burke-John Mica Miners % John Phillips, Spruce Pine, N. C.
Name of property: Burke-John Mine
Location of property: 3 airline miles N. 60° W of Franklin, Macon Co., N. C.; also 1200 ft. west of Piondexter Branch at Iotla Creek.
Date of field team report: June 9, 1954
Authorship of field team report: K. H. Teague and D. H. Amos, USGS and L. E. Shirley, USBM.
Field team's recommendation: Issue a certificate of discovery, mainly on the basis of the indicated and inferred reserves of commercial feldspar estimated to be 3,250 tons (indicated) and 15,000 tons (inferred).

Comments: Some mica was found although the quality was not very good. With some possible mica recovery, in addition to the known commercial feldspar, certification of the deposit will protect our interest in the property.

ACTION RECOMMENDED: Follow field team's recommendation.

D. A. Brobst

D. A. Brobst

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

June 10, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: Final Report, DMEA-2277, Idm-E 412 (mica) Burke-John Mine
Macon County, North Carolina

Enclosed are 4 copies of the Field Team final report on the subject exploration contract. Operator's final report was sent to you on May 24.

Because of the discovery of feldspar of commercial grade, we recommend a certification of discovery.

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

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

Reviewed by
DMEA OPERATING COMMITTEE
6-18-54
(date)

Field Team Final Rpt

Defense Minerals Administration
RECEIVED
JUN 16 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

# FINAL REPORT
By
FIELD TEAM, DMEA, REGION VII

On

DMEA-2277, BURKE-JOHN MINE (mica)
Macon County, N. C.

By

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

and

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

June 9, 1954

Reviewed by
DMEA OPERATING COMMITTEE
6-18-54
(date)

JUN 14 1954

FINAL REPORT
ON
DMEA#2277, BURKE-JOHN MINE (mica)
Idm-E 412

Operator: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, N.C.

The Burke-John Mine is located 3 airline miles and 5 miles by road N. 60° W. of Franklin, Macon County, N. C. It is about 1200 feet west of Poindexter Branch at Iotla Creek.

Work completed under the contract consisted of rehabilitation of an existing 178 foot adit and driving 150 feet of levels in pegmatite. Only a small quantity of strategic mica was recovered during the project, but considerable feldspar of high quality was discovered. As feldspar production is economically feasible from this mine a certification of discovery should be issued. No additional exploration is warranted.

Work began on the project October 6, 1952, and was completed April 30, 1954. The caved portal of an existing adit was cleared by bulldozing and the adit was rehabilitated a total of 178 feet. Heavy ground necessitated continuous timbering through the adit. This adit was extended 136 feet northwestward along the hanging wall of the pegmatite. A 14-foot crosscut northward to the footwall was made 116 feet from the head of the drift.

A survey was made at the Operator's expense to establish the relation of this work to the mica shoot previously mined. It indicated that the head of the adit was beyond the projection of the mica shoot mined above.

A zoned pegmatite, maximum thickness 19 feet with a quartz core 0-2 feet thick was revealed by the drifts and crosscut. The core thickens to the northwest. The pegmatite strikes N. 70°- 80° S.W. and is conformable to the country rock, biotite-chlorite and hornblende gneiss. It consists of plagioclase, microcline, quartz, occasional ruby muscovite and garnet. The feldspar occurs in large crystals with negligible included foreign material.

One block of ruled mica which weighed about 150 pounds was recovered about 14 feet from where the pegmatite was first intersected by the adit. It was sold for a little over $400. About 100 pounds of poor quality book mica was recovered in or near the crosscut. Most of the latter was small and cracked.

Reserves of feldspar are estimated as follows:

| | | |
|---|---|---|
| Indicated | (above level of adit) | 3,250 tons |
| Inferred | (to 60 feet below drift level and extended 50 ft. on each end of exposed pegmatite) | 15,000 tons |

Expenditures:

| | | |
|---|---|---|
| (a) | Total approved | $8100.00 |
| (b) | Total cost of project | 8100.00 |
| (c) | Government's share of cost | 7290.00 |
| (d) | Government's share unexpended | - none |
| (e) | Value of production during Opr. | 400.00 + |
| (f) | Government's royalty | 20.00 + |

The operation was conducted in a satsifactory and efficient manner.

Equipment purchased for the contract:

| | | |
|---|---|---|
| 1 | Mine Car | $115.00 |
| | Mine Rail | 350.00 |
| | | $465.00 |

This equipment was sold as salvage for $100.00. Ninety percent of this amount ($90) wasdeducted from the Operator's final voucher making the total cost of the project to the Government $7200.00.

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

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

June 9, 1954

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20.1200 / 120000

May 27, 1954

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, D M E A Region VII

Subject: Completion of Contracts

Reference is made to your letter of May 24, concerning completion dates of four contracts.

DMEA-2277, Idm-E 412. Completed April 30, 1954. Report in preparation.

DMEA-2784, Idm-E 519. Amendment sent to the Operator in February has not been returned. Attempts to contact Operator (the latest on May 20) have been unsuccessful. Will send a registered letter this week requesting immediate action.

DMEA-3099, Idm-E 609. Amendment sent to Operator in March has not been returned. Registered letter sent to Operator on May 13, we received by him at Jacksonville Beach, Florida on May 17, but no answer to the letter has been received yet.

DMEA-3132, Idm-E 618. Completion date is June 2, instead of May 2 as stated in your letter. Work is progressing satisfactorily and is expected to be completed during May.

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

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

RAL/mm
DMEA-Div. Files

JUN - 1 1954

INTERIM REPORT

DMEA-2277 Idm-E412 (mica) BURKE-JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, North Carolina.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, N. C. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

Drifting and crosscutting has been completed on this contract for a total distance of 150 feet. The last 82 feet of drift has been driven about N 75° W in feldspar and quartz. Material in the present heading is composed of a quartz core 1.5 feet in thickness on the right side flanked by barren feldspathic zones. Wall rock, a hornblende gneiss, is exposed on the left wall. Some movement is indicated at the contacts with pegmatite where wall is exposed.

About 3 powder boxes of badly bent mica and one single large block of good quality mica has been recovered from this operation. Disposition of the large block has been made. Certification cannot be made on the basis of mica recovery, but could possibly be recommended on the quality feldspar present. It is not known whether the present operators will continue work or not, but the chances are very good that additional work will be attempted after the present lease expires.

All work performed under the contract was conducted in a satisfactory manner. The operators were cooperative and followed all suggestions made by the Field Examiners.

L. E. Shirley

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

D. H. Amos

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

May 17, 1954

Division File

DISPOSAL OF GOVERNMENT'S INTEREST IN PROPERTY
(Form A)

To: Fletcher O. Phillips
Spruce Pine, North Carolina

The United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, for a valuable consideration hereby sells, assigns, transfers and sets over to you all of its right, title and interest in all property acquired under Exploration Project contract Idm-E 412, Docket No. DMEA-2277, dated October 1, 1952, which is listed below:

1 Mine car

350 Feet of Mine Rail

Dated: May 28, 1954.

THE UNITED STATES OF AMERICA

By Robert A. Lawrence
EXECUTIVE OFFICER
DMEA REGION VII

Paid $500 for equipment
[illegible]

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

May 24, 1954

Memorandum

To: Operating Committee, D M E A - Washington

From: Executive Officer, DMEA - Region VII

Subject: Operator's Final Engineering and Geological Reports.

Transmitted herewith are four copies each of the subject reports:

Idm-E 412, DMEA-2277, Burke-John Mine (mica) N. C.

Idm-E 431, DMEA-2610, Shell Ridge Mine (mica) N. C.

Robert A. Laurence

Robert A. Laurence,
EXECUTIVE OFFICER
DMEA REGION VII

zm.

Operator's Final Rpt

Spruce Pine, North Carolina
May 21, 1954

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

Re: DMEA-2277, Idm-E 412 (Mica)
Final Geologic and Engineering Report
Burke-John Mine, Macon County, N. C.

Dear Mr. Laurence:

Work was commenced on the Burke-John Prospect in Macon County, N. C. in October of 1952. The first work consisted of bulldozing at the mouth of the old workings in preparation to start a tunnel. Work progressed at a reasonably satisfactory pace until the old workings were reached with the tunnel, at which time the operators encountered extreme difficulty in holding up the overburden that kept coming down into the tunnel. However, this was eventually overcome at extremely high cost for timbering. The tunnel was run along old workings for approximately 200 feet at which time a pegmatite containing feldspar, quartz and some scrap mica was encountered. After driving on the foot wall of this vein for a distance of approximately 14 feet, the operators found a ruled block of mica weighing about 150 lbs, out of which we sold something over $400.00 worth of strategic quality mica.

The tunnel was then extended to a total of 292 feet, the latter part of which was in vein, but no more mica of strategic grade was encountered. Approximately 20 feet after we encountered the pegmatite we cross-cut a distance of 14 feet, and found only scrap mica, feldspar and quartz. It was suggested by the Government Field Team that we make a survey of our workings andof the old workings further up on the hill to determine the relationship of our workings to the dip of a shoot of mica that was supposed to be coming down in our direction from the old workings. This survey revealed that we were approximately 86½ feet below the old workings and that a 40 ft. extension of our tunnel would possibly contact any mica shoot that might be coming down from the old workings.

We continued to drive the tunnel for an additional 42 feet, but no mica of strategic quality was found. The pegmatite continued to pinch down until there was practically no vein left.

The operators of this project wish to take this opportunity to thank the DMEA Field Team for their cooperation and efforts on the Burke-John project.

If there is any further information that you require, please contact us and we will be glad to forward it to you.

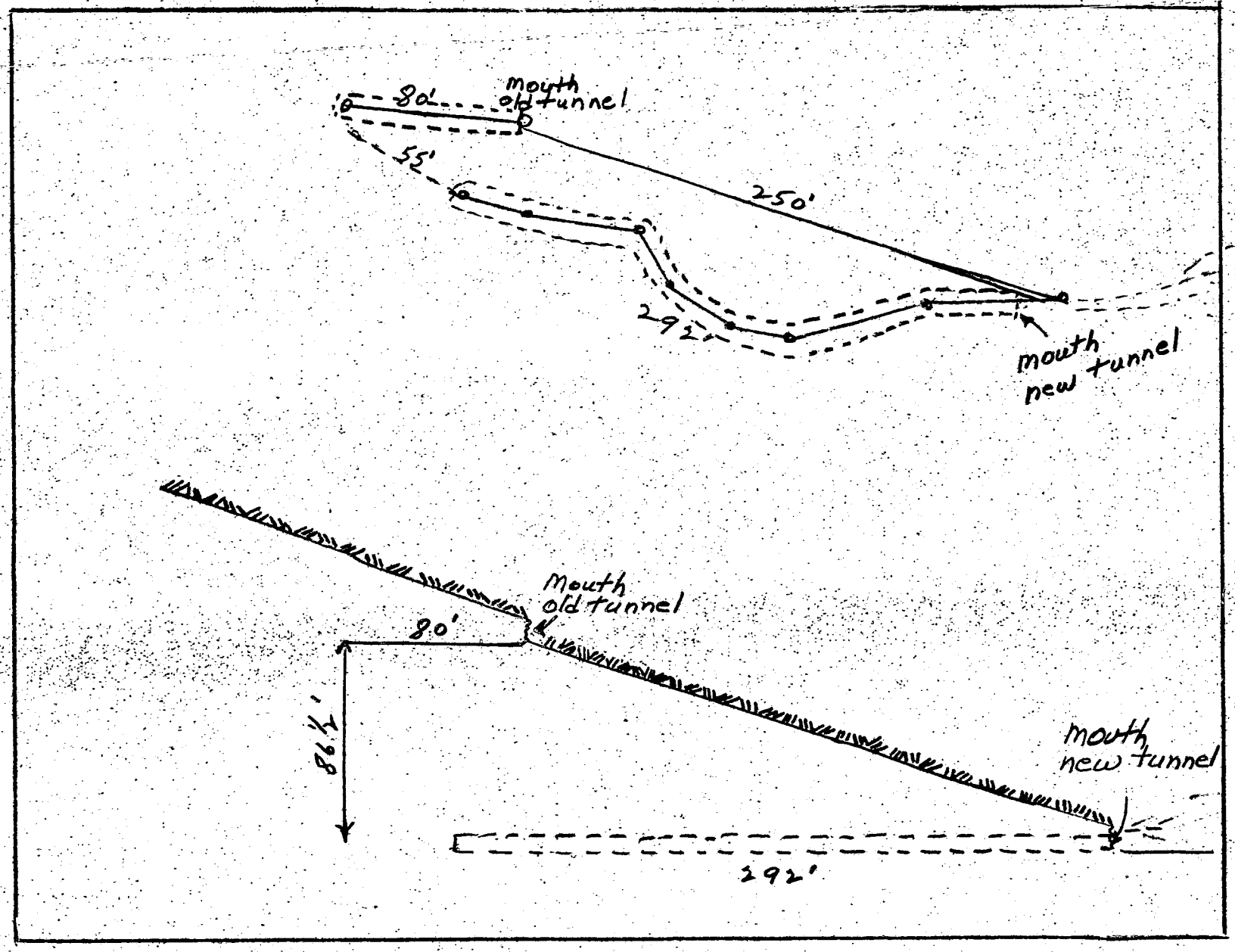
Very truly yours,

John Phillips

John Phillips

SLP/mb

# THE BURKE-JOHN MINE



FILE COPY
Initials:
Anderson
Houk
Selfridge
Hedges
Guild

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

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

MAY 1 1954

Dear Mr. Laurence:

We wish to call your attention to the following dockets, the completion dates of which may require extension by amendment:

| Docket | Contract | Completion date |
|---|---|---|
| DMEA-2277 | Idm-E412 | May 1, 1954 |
| DMEA-2784 | Idm-E519 | February 14, 1954 |
| DMEA-3099 | Idm-E609 | March 24, 1954 |
| DMEA-3132 | Idm-E618 | May 2, 1954 |

In those cases where this will be necessary and you approve, will you please furnish us copies of such amendments.

Sincerely yours,

C 5-24

George C. Selfridge

Chairman, Operating Committee (JHB)

Approved:

J. H. Hedges

Member, Bureau of Mines (JHB)

Philip W. Guild

Member, Geological Survey (JHB)

WCAnderson:gad 5/20/54

Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3061
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

May 19, 1954

Mr. John Phillips
Burke-John Mica Mines
Spruce Pine, North Carolina

Re: DMEA-2277, Idm-E 412 (mica)

Dear Mr. Phillips:

Your April operator's monthly report and voucher has been received in this office and will be sent to the Finance Office for processing upon receipt of your final Geologic and Engineering Report, and your advising us of the disposition of the equipment and materials purchased on the project for the joint account of the Government and your company.

Yours very truly,

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

WAB/ma

cc:
Buck
Ignesh
Opr. Com. 2
Files

Talbert
Chambers

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

MAY 5 - 1954

Mr. Robert A. Lawrence
Executive Officer
DMEA Field Team, Region VII
Room 13, P. O. Building
Knoxville, Tennessee

Re: Idm-E412, DMEA-2277
Burke-John Miles Minerals

Dear Mr. Lawrence:

Reference is made to the March, 1954, Form MF-104 covering the subject Exploration Project Contract.

This MF-104, claiming costs of $60.00 was certified for payment on Voucher No. 264, dated April 14, 1954, in the amount of $54.00, the Government's 90 percent contribution.

A copy of an invoice dated March 15, 1954 from the Mitchell Lumber Company, Spruce Pine, North Carolina, as attached to the copy of the Form MF-104 received by this Division, indicates that the costs claimed covered "2 days surveying".

The contract specifies an "allowable maximum" for actual costs of $4,200.00 for Stage I and "agreed unit costs" of $26.00 per foot of drifting and crosscutting for Stage II. The "allowable maximum" of $4,200.00 was reached with the submission of the March, 1953 Form MF-104, at which time presumably the Stage I work was completed. All subsequent Forms MF-104, except for the March, 1954 voucher, have been claims for Stage II work performed at "agreed unit costs".

Accordingly, it appears that this $60.00 charge for surveying is not an allowable cost under the terms of the contract and, in accordance with Article 5 thereof, is for the sole account of the Operator. It is suggested that either a refund be obtained from the Operator or a deduction be made in the payment of the next Form MF-104.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

EDTalbert/wb
May 5, 1954

Copy to: Docket
Admr. Reading File
Mr. Chambers
Mrs. Piper

R.C.L.

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

April 16, 1951

Memorandum

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

From: Administrative Officer, Region VII, Knoxville, Tennessee

Subject: Monthly Reports and Vouchers

Under separate cover we are transmitting two copies each of the following monthly reports and vouchers:

Idn-[illegible]-412 — Burke-John Mica Minors
DMEA Docket No. 2277
11th payment - month of March
Amount $54.00

Idn-[illegible]-434 — Schroeder Company
DMEA Docket No. 2634
16th payment - month of March
Amount $5698.13

Idn-[illegible]-497 — Polly Miller Mining Corp.
DMEA Docket No. 2773
6th payment - month of March
Amount $315.00

Idn-[illegible]-583 — L. Rex Boone
DMEA Docket No. 3136
5th payment - month of March
Amount $270.00

Idn-[illegible]-559 — Empire Mica Company
DMEA Docket No. 2872
8th and Final Payment - month of March
Completion Date: 3/31/51
Amount $1134.00

Idn-[illegible]-602 Joe A. Beasley
DMEA Docket No. 2871
5th payment - month of March
Amount $724.50

Idn-[illegible]-613 Iatt Young
DMEA Docket No. 2875
5th payment - month of March
Amount $315.00

Idn-[illegible]-614 Fred Hyatt
DMEA Docket No. 3125
3rd payment - month of March
Amount $675.[illegible]

Idn-[illegible]-629 Joe A. Beasley
DMEA Docket No. 3155
4th payment - month of March
Amount $229.50

Idn-[illegible]-642 Barn-Gay Mining Company
DMEA Docket No. 2892
3rd payment - month of March
Amount $927.00

Helen R. Miller

/hbm
Copies to W. A. Beck
E. A. Laurence
Region Files
Day Files

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

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

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-60

264

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

Month of March, 1954 Docket No. DMEA 2277 Contract No. Idm- E 412
Operator's Name Burke-John Mica Miners Minerals Mica
Address %John Phillips, Spruce Pine, N. C.
Contract Amount, $8,100.00 Government Participation: 90 % Amount, $ 7,290.00

| 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 | | 364.00 | 364.00 | | | |
| Drifting | | 2444.00 | 2444.00 | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | | 2097.16 | 2097.16 | | | |
| Supervision | | 856.50 | 856.50 | | | |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | 360.00 | 360.00 | | | |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Other | | 61.34 | 61.34 | | | |
| Surveying | 60.00 | None | 60.00 | | | |
| (4) Operating Equipment: | | | | | | |
| Rental - Bulldozing | | 300.00 | 300.00 | | | |
| Purchase - Mine Rail | | 350.00 | 350.00 | | | |
| ~~Exploration~~ Mine Car | | 115.00 | 115.00 | | | |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expense | | 60.00 | 60.00 | | | |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | $60.00 | $7008.00 | $7068.00 | 60.00 | 7,008.00 | 7,068.00 |

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

Date 4-7-54 *Payee Burke-John Mica Miners

Per John Phillips 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:

$ 54.00

Signature Cora A. Pipes
(Authorized Certifying Officer)

Date APR 14 1954 Vou. No. 264

(See other side)

11

6.00

(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-E412 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date April 10, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date APR 12 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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 19 1954

# OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1954 Docket No. DMEA 2277 Contract No. Idm- E 412

Operator's Name Burke-John Mica Miners Minerals Mica

Address % John Phillips, Spruce Pine, N. C.

| OPERATION | UNIT | COSTS THIS MONTH | UNITS THIS MONTH | COSTS TO DATE | UNITS TO DATE | UNIT COSTS TO DATE | AUTHORIZED BY CONTRACT Units | AUTHORIZED BY CONTRACT Unit Costs |
|---|---|---|---|---|---|---|---|---|
| Drifting | | | | 2444.00 | 94 | 26.00 | 150 | 26.00 |
| Crosscutting | | | | 364.00 | | | | |
| Raising | | | | | | | | |
| ~~Shaft~~ Rehibilitating | | | | | | | | |
| ~~Winze~~ adit etc. | | | | 3900.00 | 178 | 21.91 | 178 | 21.91 |
| ~~Drilling~~ Core Surveying | | 60.00 | | 60.00 | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Bulldozing | Cu. Yd. | | | 300.00 | 440 | .68 | 440 | .68 |
| TOTAL DISTRIBUTED COSTS | | 60.00 | | 7068.00 | | | | TOTAL COSTS AUTHORIZED BY CONTRACT |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| TOTAL COSTS | | $60.00 | | $7068.00 | | | | |

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

Date 4-7-54 Operator Burke-John Mica Miners

Per John Phillips 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 83-38475

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of March, 1954

DMEA No. 2277

COPY

Work Accomplished

All we have done this month is the surveying.

Delivery Ticket

**MITCHELL LUMBER COMPANY**

SPRUCE PINE, N. C. [illegible] 15 - 19 [illegible]

Sold To [illegible] Job [illegible]

Address Driver [illegible]

Terms Loaded By [illegible]

| | ARTICLES | QUANTITY | @ | AMOUNT | |
|---|---|---|---|---|---|
| 2 | [illegible] | | | [illegible] | [illegible] |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Order Coupon | | | | |
| | I certify that this is a correct and true John Phillips | | | | |
| | | | | | |
| | Broken Bundles and Packages damaged or special materials not carried in stock cannot be returned. | | | | |

Received By

№ 9990

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

March 22, 1954

Memorandum

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

From: Administrative Officer, Region VII, Knoxville, Tennessee

Subject: Monthly Reports and Vouchers

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

Idn-I-[illegible]
Burke-John Mica Mines
DMEA Docket No. 2277
10th payment - month of February
Amount $93.60

Idn-I-523
Foote Mineral Company
DMEA Docket No. 2841
8th payment - month of February
Amount $2131.02

Idn-I-[illegible]
Fred Taylor, Julian & Johnnie Greene
DMEA Docket No. 2921
6th and Final Payment - month of February
Completion Date: 3/1/54
Amount $567.00

Idn-I-[illegible]
Empire Mica Company
DMEA Docket No. 2872
7th payment - month of February
Amount $1102.50

Idn-I-[illegible]
Roy Herbert Routs
DMEA Docket No. 2917
8th and Final Payment - month of February
Completion Date: 2/20/54
Amount $172.50

Idm-D-562 Empire Mica Company
DMEA Docket No. 2873
3rd payment - month of January
Amount $180.00

Idm-D-565 Hardy Calvin Cable
DMEA Docket No. 3030
6th payment - month of February
Amount $270.00

Idm-D-629 Joe A. Beasley
DMEA Docket No. 3155
3rd payment - month of February
Amount $567.00

Idm-D-647 Charlie D. Hensley
DMEA Docket No. 3188
2nd payment - month of February
Amount $263.25

Idm-D-658 Joe C. Vance
DMEA Docket No. 3212
1st payment - month of February
Starting Date: 2/1/54
Amount $693.75

Helen R. Miller

Enclosures 20

/hbm
Copies to W. A. Beck
R. A. Lawrence
Region Files
Day Files

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

VOUCHER & SCHEDULE
PAYMENTS K-56
MAR 24 1954
244

Month of February, 1954 Docket No. DMEA 2277 Contract No. Idm-E-412
Operator's Name Burke-John Mica Miners Minerals Mica
Address % John Phillips, Spruce Pine, N. C.
Contract Amount, $8,100.00 Government Participation: 90 % Amount, $7,290.00

| 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 | | | | | 364.00 | 364.00 |
| Drifting (18 ft.) | 468.00 | 2704.00 | 3172.00 | 104.00 | 2340.00 | 2444.00 |
| (2) Labor and Supervision: | | | | | | |
| Labor | | 2097.16 | 2097.16 | | 2097.16 | 2097.16 |
| Supervision | | 856.50 | 856.50 | | 856.50 | 856.50 |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | 360.00 | 360.00 | | 360.00 | 360.00 |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Other | | 61.34 | 61.34 | | 61.34 | 61.34 |
| (4) Operating Equipment: | | | | | | |
| Rental - Bulldozing | | 300.00 | 300.00 | | 300.00 | 300.00 |
| Purchase - Mine Rail | | 350.00 | 350.00 | | 350.00 | 350.00 |
| ~~Depreciation~~ Mine Car | | 115.00 | 115.00 | | 115.00 | 115.00 |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| ~~Office Expense~~ | | 60.00 | 60.00 | | 60.00 | 60.00 |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | $468.00 | $6904.00 | $7372.00 | 104.00 | 6,904.00 | 7,008.00 |

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

Date 3-8-54 *Payee Burke-John Mica Miners

Per John Phillips 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:

$ 93.60

Signature Cora A. Piper
(Authorized Certifying Officer)

Date MAR 19 1954 Vou. No. 244
(See other side)

10 10.40

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

Signature Kepton H. Teague Title Geologist, USGS Date MAR 15 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date MAR 15 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.

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*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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 24 1954

# OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Feb. 1954 Docket No. DMEA 2277 Contract No. Idm- E 412
Operator's Name Burke-John Mica Miners Minerals Mica
Address % John Phillips, Spruce Pine, N. C.

| OPERATION | UNIT | COSTS THIS MONTH | UNITS THIS MONTH | COSTS TO DATE | UNITS TO DATE | UNIT COSTS TO DATE | AUTHORIZED BY CONTRACT | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Units | Unit Costs |
| Drifting | Ft. | 468.00 | 18 | 3172.00 | ~~122~~ | 26.00 | 150 | 26.00 |
| Crosscutting | | | | | | | | |
| Raising | | | | | | | | |
| ~~Shaftex~~ Rebilitating | | | | 3900.00 | 178 | 21.91 | 178 | 21.91 |
| Winzes adit etc. | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Bulldozing | Cu. Yd | | | 300.00 | 440 | .68 | 440 | .68 |
| TOTAL DISTRIBUTED COSTS | | 468.00 | | 7372.00 | | | | TOTAL COSTS AUTHORIZED BY CONTRACT |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| TOTAL COSTS | | $468.00 | | $7372.00 | | | | |

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 3-8-54 Operator Burke-John Mica Miners

Per John Phillips 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 83-38475

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 24 1954

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of February, 1954

DMEA No. 2277

**Work Accomplished**

We have advanced 18 feet of drifting for the month of February.

**Daily Notes**

| | | |
|---|---|---|
| February | 1 - 5 | Mucked and drilled. |
| February | 8 - 12 | Did some shooting and drilled. |
| February | 15 - 19 | Mucked and drilled. |
| February | 22 - 26 | Did more shooting and drilled. |

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

March 15, 1954

Mr. John Phillips
Burke-John Mica Miners
Spruce Pine, North Carolina

Re: DMEA-2277, Idm-E 412 (mica)
Burke-John Mica Mine-Macon County, N. C.

Dear Mr. Phillips:

Your February 1954 Monthly Report and Voucher has been received in this office and is being sent to the finance office today for processing. A deletion of $364.00 is being made on your voucher because our engineers have measured only a total of 108 feet of drifting and crosscutting accomplished to date and you claim 122 feet.

We also wish to call your attention to your narrative which accompanied this report. This narrative leads one to believe that you worked the entire month on the property, yet our engineers claim that no work was done after February 8 when your crew was transferred to the Washburn Prospect.

Please read the instructions on the reverse of Form MF-104 in regard to the type of narrative required with your report. A sample of a well written narrative is enclosed with this letter. Your narrative is not at all informative. Anyone knows that in order to drift, crosscut or sink a shaft one has to drill, shoot and muck. ?

You were informed that no crosscutting was authorized by the contract. This was in error. Todate you have performed 94 feet of drifting and 14 feet of crosscutting. The amounts under these headings on Form MF-104 for February should be as follows: "Crosscutting" - monthly total --None; Totals previously reported --$364.00; Totals to date --$364.00. "Drifting" - Monthly total - $104.00; Totals previously reported--$2,340.00; Totals to date--$2,444.00.

Your total at the bottom of the page will now be, $104; $6,904.00 and $7,008.00. Please correct your copy of the report to conform with ours.

Yours very truly,

Wm. A. Beck, Acting Executive Officer
DMEA Field Team, Region 7

AB/sm
cc: Beck
Finance Office

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

March 3, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 4 - Time Extension - Docket No. DMEA-2277 - Mica
Burke-John Mica Miners
Burke John Mine
Macon County, North Carolina
Contract No. Idm-E412

The Nonmetallic Minerals Division concurs in Amendment No. 4 which revises Amendment No. 3 to bring the date of completion of the contract to May 1, 1954, as written and executed in the field. Delay due to winter weather made extension of the contract necessary.

RECEIVED
MAR 4 - 1954
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

INTERIM REPORT

DMEA-2277 Idm-E412 (mica) BURKE-JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, N. C.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, N. C. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

Drifting continues on this contract and now totals 108 feet. This is inclusive of 14 feet of lateral work mentioned in the Interim Report of January 25, 1954. Material encountered remains unchanged with feldspar and quartz the predominant minerals encountered. Two large lenses of quartz have been cut recently, one of which is observable in the face and the other exposed in the roof. A small amount of badly bent and cracked mica was recovered at about 90 feet in the drift on the hanging wall side. Progress on this contract is satisfactory.

L. E. Shirley

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

K. H. Teague Dewey Amos

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

February 8, 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 33, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

FEB 25 1954

February 23, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region VII

Subject: Amendments : DMEA-3136, Idm-E 583 (mica) L. Rex Boone
DMEA-2277, Udn-E 412 (mica) Burke-John Mica Miners

Amendments extending completion date of these two contracts were sent you on February 19.

In both cases, delay due to winter weather made extension of completion date necessary. The extensions are in the interest of the Government.

Robert A. Laurence

RAL/zm
cc:
Beck
Lynch
Files-2

a

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 15, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

February 19, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region VII

Subject: Amendment No. 4. DMEA-2277, Idm-E412, Burke-John Mica Miners.

Transmitted here with are three signed copies of the above subject amendment extending the completion date three months.

The usual distribution of the other copies has been made.

Please refer to your memo of February 17, 1954.

Wm A Beck

Wm. A. Beck

RECEIVED

MAR 4 - 1954

GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

x

File Copy
Surname:

Anderson
Selfridge
Guild
Hedges

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

FEB 17 1954

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

Subject: Docket No. DMEA-2277 - Mica
Burke-John Mica Mineral
Burke John Mine
Macon County, North Carolina
Contract No. Idm-E412

Dear Mr. Laurence:

We wish to call your attention to the subject docket, for which the completion date was February 1, 1954 and may require extension by amendment.

If this is necessary and you approve, will you please furnish us copies of such amendment.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Approved:

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

Philip W. Guild (GCS)
Member, Geological Survey

WCAnderson:gad 2/16/54
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.J. 2-17-54

Mr Anderson

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

RECEIVED
FEB 15 1954

February 12, 1954

Memorandum

To: Chief, Finance Office, Region VII

From: Executive Officer, D M E A - Region 7

Subject: Royalty Check & Vouchers.

Transmitted herewith are royalty checks and vouchers on the following:

Idx-E 425, DMEA-2687, Iotla-Somers Mine, $198.54.

Idx-E 412, DMEA-2677, Burke-John Mica Mines, $22.27 (not certified)

Idx-E 410, DMEA-2466, Elk Mica Mines, $194.60.

Robert A. Laurence

RAL/am
cc:
Peck
Lynch
Hittendorf
Files

COPY

GENERAL SERVICES ADMINISTRATION
Mica Purchase Depot - Spruce Pine, N. C.

DATE 1-19-54

ACCEPTANCE NUMBER 4-733

# WARRANTY, ACCEPTANCE AND INVOICE

| ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER | LOT NUMBER | RECEIPT AND WEIGHT TICKET NUMBER |
|---|---|---|
| EPS-4-153A | SP-733 | |

## WARRANTY

The undersigned, a participant in the Mica Program, warrants that the mica included in this lot of mica is of domestic origin, is not material owned previously by the Government, was not purchased from others prior to December 14, 1951, and is owned by the person or firm whose name appears below (herein referred to as "Seller").

| NAME AND ADDRESS OF SELLER *(Type or print)* | SELLER OR PERSON AUTHORIZED TO SIGN THIS WARRANTY FOR SELLER |
|---|---|
| NAME S. L. Phillips | SIGNATURE s/ S. L. Phillips |
| STREET ADDRESS | NAME *(Type or print)* |
| CITY, ZONE AND STATE Spruce Pine, N. C. | TITLE *(Type or print)* ~~Owner~~ Owner |

## EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA

| QUALITY | HALF TRIM POUNDS | HALF TRIM PRICE PER LB. | HALF TRIM AMOUNT | FULL TRIM POUNDS | FULL TRIM PRICE PER LB. | FULL TRIM AMOUNT |
|---|---|---|---|---|---|---|
| GOOD STAINED AND BETTER | | | | | | |
| GRADES NO. 3 AND LARGER | | | | | $70.00 | |
| GRADES NO. 4 AND 5 | | | | 3.34 | $40.00 | 133.60 |
| GRADES NO. 5½ AND 6 | | | | 9.77 | $15.00 | 146.55 |
| STAINED | | | | | | |
| GRADES NO. 3 AND LARGER | | $12.00 | | .50 | $18.00 | 9.00 |
| GRADES NO. 4 AND 5 | | $ 5.00 | | 6.45 | $ 8.00 | 51.60 |
| GRADES NO. 5½ AND 6 | | $ 3.00 | | 13.05 | $ 5.00 | 65.25 |
| HEAVY STAINED | | | | | | |
| GRADES NO. 3 AND LARGER | | $ 8.00 | | | $13.00 | |
| GRADES NO. 4 AND 5 | | $ 4.00 | | 1.20 | $ 6.00 | 7.20 |
| GRADES NO. 5½ AND 6 | | $ 2.00 | | 10.72 | $ 3.00 | 32.16 |
| TOTALS | | | | | | |
| LOT TOTALS | | | | 45.03 | | 445.36 |

PROGRAM B - HAND-COBBED MICA

| | | | | | | |
|---|---|---|---|---|---|---|
| TOTALS | | | | 90.06 | $ 0.30 | |

## ACCEPTANCE

Subject to the terms and conditions of the Mica Regulation dated March 12, 1952 (17 F.R. 2279), establishing the Government's Purchase Programs for Domestic Mica, the Government accepts the number of pounds of mica (as hereinabove identified), delivered by the Seller to the Government for which payment in the total amount set forth hereinabove will be made by the Government.

GENERAL SERVICES ADMINISTRATION

| BY *(Type name)* | SIGNATURE | TITLE |
|---|---|---|
| Carl Buchanan | s/ Carl Buchanan | Head Buyer |

## INVOICE

TO General Services Administration, Region IV

FOR Mica delivered as indicated above — $ 445.36

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

| SELLER *(Type name)* | DATE |
|---|---|
| S. L. Phillips (Burke-John Mine) | 1-19-54 |
| BY *(Signature)* S. L. Phillips | NAME AND TITLE *(Type)* Owner |

GSA-WASH DC 53-3094

COPY

GSA FORM 1013
September 1952

INTERIM REPORT

DMEA-2277 Idm-E412 (mica) BURKE-JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, North Carolina.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, N. C. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

Drifting continues on this contract and is now at 77.5 feet. Material encountered is pegmatite composed of feldspar and quartz and is wholly barren of mica. A drift lateral was driven north at a point 20 feet from the pegmatite-biotite gneiss contact and required 14 ft. of drift to intercept the north wall. About 10 to 15 pounds of block mica was recovered from a kaolinized zone about 12 inches from the floor in this lateral. All mica recovered to date has been confined to this small area.

The operator was advised to have a survey made that would place the present drift position with relation to previous producing areas of old works. Results of this survey, when complete, will be considered in planning additional drift work. Progress on this contract is satisfactory.

L. E. Shirley

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

K. H. Teague

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

January 25, 1954

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1030.3.
Approval expires 6-30-53.

RECEIVED
FEB 12 1954

# OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1954 Docket No. DMEA 2277 Contract No. Idm- E 412
Operator's Name Burke-John Mica Miners Minerals Mica
Address % John Phillips, Spruce Pine, N. C.
Contract Amount, $8,100.00 Government Participation: 90 % Amount, $7,290.00

| 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 | 780.00 | 1924.00 | 2704.00 | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | | 2097.16 | 2097.16 | | | |
| Supervision | | 856.50 | 856.50 | | | |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | 360.00 | 360.00 | | | |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Other | | 61.34 | 61.34 | | | |
| (4) Operating Equipment: | | | | | | |
| Rental - Bulldozing | | 300.00 | 300.00 | | | |
| Purchase - Mine Rail | | 350.00 | 350.00 | | | |
| ~~Purchase~~ Mine Car | | 115.00 | 115.00 | | | |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expense | | 60.00 | 60.00 | | | |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | $ 780.00 | $ 6124.00 | $ 6904.00 | 780.00 | 6124.00 | 6904.00 |

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-48

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

Date 2-2-54 *Payee Burke- John Mica Miners

Per John Phillips 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:

$ 702.00

Signature Cora A. Piper
(Authorized Certifying Officer)

Date FEB 9 1954 Vou. No. 209

(See other side)

9th

78.00

(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-E412 in accordance with the terms of the contract.

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title EXECUTIVE OFFICER DMEA REGION VII Date FEB 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.

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 12 1954

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

Month of Jan. 195 4 Docket No. DMEA 2277 Contract No. Idm- E 412
Operator's Name Burke-John Mica Miners Minerals Mica
Address % John Phillips, Spruce Pine, N. C.

| OPERATION | UNIT | COSTS THIS MONTH | UNITS THIS MONTH | COSTS TO DATE | UNITS TO DATE | UNIT COSTS TO DATE | AUTHORIZED BY CONTRACT Units | AUTHORIZED BY CONTRACT Unit Costs |
|---|---|---|---|---|---|---|---|---|
| Drifting | Ft. | 780.00 | 30 | 2704.00 | 104 | 26.00 | 150 | 26.00 |
| Crosscutting | | | | | | | | |
| Raising | | | | | | | | |
| ~~Shafts~~ Rehibilitating adit etc. | | | | 3900.00 | 178 | 21.91 | 178 | 21.91 |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Bulldozing | Cu. Yd. | | | 300.00 | 440 | .68 | 440 | .68 |
| TOTAL DISTRIBUTED COSTS | | 780.00 | | 6904.00 | | | | TOTAL COSTS AUTHORIZED BY CONTRACT |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| TOTAL COSTS | | $ 780.00 | | $ 6904.00 | | | | |

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 2-2-54 Operator Burke-John Mica Miners

Per John Phillips 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 83-38475

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of January, 1954

DMEA No. 2277

Work Accomplished

We have drifted a total of 30 feet this month without any difficulty.

Daily Notes

| | | |
|---|---|---|
| January | 4 - 5 | Mucked and drilled. |
| January | 6 - 8 | Mucked and did some shooting. |
| January | 11 - 13 | Mucked and drilled. |
| January | 14 - 15 | Mucked and drilled. |
| January | 18 - 19 | Did more shooting and drilling. |
| January | 20 - 21 | Mucked and drilled. |
| January | 22 - 25 | Did more shooting and drilling. |
| January | 26 - 27 | Mucked and drilled. |
| January | 28 - 29 | Mucked and drilled. |

INTERIM REPORT

IMEA-2277 Idm-E412 (mica) BURKE-JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, North Carolina.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, North Carolina. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

Drifting continues on this contract and is now at 68.5 feet. Material encountered has not changed from that last reported and consists of feldspar and quartz. No mica has been encountered in recent work. It was suggested that a lateral be driven on the right wall at a point about 20 feet from the contact or beginning point of the drift to trace the occurrence of a mica zone in this area. The present direction of the drift is N 70° W.

The workers were reminded to scale the working areas thoroughly after shooting and to set stulls where necessary. Progress on this contract is satisfactory.

L. E. Shirley

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

K. H. Teague

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

January 11, 1954

D. M. E. A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OFFICE OF
REGIONAL DIRECTOR

SOUTHEASTERN REGION
REGION VII
HAMILTON BANK BUILDING

POST OFFICE BOX 1909
KNOXVILLE, TENNESSEE

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 25 1954

January 22, 1954

Memorandum

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

From: Administrative Officer, Region VII, Knoxville, Tennessee

Subject: Monthly reports and vouchers

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

Idm-E-412 — Burke-John Mica Miners
DMEA Docket No. 2277
8th payment - month of December
Amount $702.00

Carpenter

Idm-E-560 — Murphy Mining Company
DMEA Docket No. 3008
5th payment - month of December
Amount $931.50

Ray

Idm-E-614 — Hyatt & Pressnell
DMEA Docket No. 3125
1st payment - month of December
Starting Date: 11/2/53
Amount $1147.50

Helen Miller

Helen R. Miller

Enclosures 6

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

BUREAU OF MINES
WASHINGTON, D.C.

JAN 25 10 18 AM '54

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

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

195

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE

# OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1953 Docket No. DMEA 2277 Contract No. Idm-E 412
Operator's Name Burke-John Mica Miners Minerals Mica
Address % John Phillips Spruce Pine, N. C.
Contract Amount, $8,100.00 Government Participation: 90 % Amount, $7,290.00

| 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 | 780.00 | 1144.00 | 1924.00 | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | | 2097.16 | 2097.16 | | | |
| Supervision | | 856.50 | 856.50 | | | |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | 360.00 | 360.00 | | | |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Other | | 61.34 | 61.34 | | | |
| (4) Operating Equipment: | | | | | | |
| Rental - Bulldozer | | 300.00 | 300.00 | | | |
| Purchase - Mine Rail | | 350.00 | 350.00 | | | |
| ~~xxxxxxxx~~ Mine Car | | 115.00 | 115.00 | | | |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expense | | 60.00 | 60.00 | | | |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | $780.00 | $ 5344.00 | $ 6124.00 | 780.00 | 5344.00 | 6124.00 |

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

Date 1-4-54 *Payee Burke-John Mica Miners

Per John Phillips 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:

$702.00

Signature Cecil A. Parsons
(Authorized Certifying Officer)

Date JAN 21 1954 Vou. No. 195
(See other side)

8

78.00

(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-E4/2 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Jan. 9, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Lo A Beck ACTING Title EXECUTIVE OFFICER DMEA REGION VII Date JAN 19 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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 25 1954

# OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Dec. 195 3 Docket No. DMEA 2277 Contract No. Idm- E 412
Operator's Name Burke-John Mica Miners Minerals Mica
Address Spruce Pine, N. C.

| OPERATION | UNIT | COSTS THIS MONTH | UNITS THIS MONTH | COSTS TO DATE | UNITS TO DATE | UNIT COSTS TO DATE | AUTHORIZED BY CONTRACT | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Units | Unit Costs |
| Drifting | Ft. | 780.00 | 30 | 1924.00 | 74 | 26.00 | 150 | 26.00 |
| Crosscutting | | | | | | | | |
| Raising | | | | | | | | |
| ~~Shafts~~ Rehabilitating adit etc. | | | | 3900.00 | 178 | 21.91 | 178 | 21.91 |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Bulldozing | Cu. Yd. | | | 300.00 | 440 | .68 | 440 | .68 |
| TOTAL DISTRIBUTED COSTS | | 780.00 | | 6124.00 | | | | TOTAL COSTS AUTHORIZED BY CONTRACT |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| TOTAL COSTS | | $780.00 | | $6124.00 | | | | |

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 1-4-54 Operator Burke-John Mica Miners

Per John J. Phillips 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 83-38475

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of December, 1953

DMEA No. 2277

Work Accomplished

Continued working without any diffculty. We have drifted a total of 30 feet for ~~this~~ this month.

Daily Notes

| | | |
|---|---|---|
| December | 1 - 4 | Mucked and drilled. |
| December | 7 - 9 | Mucked and did some shooting. |
| December | 10 - 11 | Mucked and drilled. |
| December | 14 - 16 | Mucked , drilled and did more shooting. |
| December | 17 - 18 | Mucked and drilled. |
| December | 21 - 22 | Mucked, drilled and did more shooting. |
| December | 28 - 29 | Mucked and drilled. |
| December | 30 - 31 | Mucked and drilled. |

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 31 1953

INTERIM REPORT

DMEA-2277 Idm-E412 (mica) BURKE-JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, North Carolina.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, N. C. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

Drifting has been halted temporarily on this contract because of transfer of personnel to another mine. Drift measurement made from point of contact with country rock now totals 53 feet. Material encountered is principally feldspar and quartz and is barren of mica in most of the footage covered. Work is expected to resume in the near future.

Some timbering in the form of supporting stulls has been accomplished. The operator was advised to scale the drift thoroughly after shooting, particularly the dust covered areas.

Mr. R. A. Laurence, Executive Officer of DMEA, Region VII, accompanied the Field Examiners on this visit to the Mine.

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

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

Dewey Amos
Dewey Amos, Geologist
U. S. Geological Survey

December 17, 1953

INTERIM REPORT

DMEA-2277 Idm-E412 (mica) BURKE*JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, North Carolina.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, N. C. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

Drifting continues on this contract and is now at 42 feet. All of the material encountered is pegmatite consisting principally of feldspar with minor amounts of quartz. One large block of mica has been found during recent operations and remainder of drifting has been in barren material. The need for thorough scaling and timber requirements in this type of material was pointed out to the foreman. Progress made since this operation has resumed work is satisfactory.

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

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

November 30, 1953

Mr Anderson

F-104 (Rev.)
pril 1952)

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

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS EXPLORATION ADMINISTRATION

PATD ON VOUCHER & SCHEDULE OF PAYMENTS K-34

153

Cad

# OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1953 Docket No. DMEA 2277 Contract No. Idm-E 412

Operator's Name Buke John Mica Miners Minerals Mica

Address % John Phillips Spruce Pine, N. C.

Contract Amount, $ 8,100.00 Government Participation: 90% Amount, $ 7,290.00

| 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 | 780.00 | 364.00 | 1144.00 | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | | 2097.16 | 2097.16 | | | |
| Supervision | | 856.50 | 856.50 | | | |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | 360.00 | 360.00 | | | |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Other | | 61.34 | 61.34 | | | |
| (4) Operating Equipment: | | | | | | |
| Rental - Bulldozer | | 300.00 | 300.00 | | | |
| Purchase - Mine Rail | | 350.00 | 350.00 | | | |
| ~~xxxxxxx~~ Mine Car | | 115.00 | 115.00 | | | |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6). New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expense | | 60.00 | 60.00 | | | |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | $780.00 | $4564.00 | $5344.00 | 780.00 | 4,564.00 | 5,344.00 |

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

Date 12-2-53 *Payee Burke John Mica Miners

Per John Phillips 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:

$ 702.00

Signature Cora a. Piper
(Authorized Certifying Officer)

Date DEC 9 1953 Vou. No. 153
(See other side)

7 78.00

(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-E412 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. G.S.B.M. Date Dec. 5, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Beck ACTING Title EXECUTIVE OFFICER DMEA REGION VII Date DEC 7 1953

# 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 November 1953 Docket No. DMEA 2277 Contract No. Idm-E 412

Operator's Name Burke John Mica Miners Minerals Mica

Address % John Phillips Spruce Pine, N. C.

| OPERATION | UNIT | COSTS THIS MONTH | UNITS THIS MONTH | COSTS TO DATE | UNITS TO DATE | UNIT COSTS TO DATE | AUTHORIZED BY CONTRACT Units | AUTHORIZED BY CONTRACT Unit Costs |
|---|---|---|---|---|---|---|---|---|
| Drifting | Ft. | 780.00 | 30 | 1144.00 | 44 | 26.00 | 150 | 26.00 |
| Crosscutting | | | | | | | | |
| Raising | | | | | | | | |
| ~~Shafts~~ Rehabilitating adit etc. | Ft. | | | 3900.00 | 178 | 21.91 | 178 | 21.91 |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Bulldozing | Cu. Yd. | | | 300.00 | 440 | .68 | 440 | .68 |
| TOTAL DISTRIBUTED COSTS | | 780.00 | | 5344.00 | | | | TOTAL COSTS AUTHORIZED BY CONTRACT |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| TOTAL COSTS | | $780.00 | | $5344.00 | | | | |

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 12-2-53 Operator Burke John Mica Miners

Per John Phillips 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 83-38475

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of November, 1953

DMEA No. 2277

Work Accomplished

Continued working without much diffculity. We have contacted mica and are now working on the vein. We have got out 200 lbs. of mica.

Daily Notes

| | | |
|---|---|---|
| November | 2 - 4 | Mucked and drilled. |
| November | 5 - 6 | Mucked and did some shooting. |
| November | 9 - 11 | Mucked and drilled. |
| November | 12 - 13 | Mucked, drilled and did more shooting. |
| November | 16 - 18 | Contacted mica |
| November | 19 - 20 | Mucked, drilled and did more shooting. |
| November | 23 - 25 | Mucked, drilled anddid more shooting. |
| November | 27 - 30 | Mucked, drilled and did more shooting. |

INTERIM REPORT

DMEA-2277 Idm-E412 (mica) BURKE-JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, N. C.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, N. C. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

Stage I of this contract, which consisted of 178 feet of rehabilitation, was completed March 23, 1953. No work had been attempted on Stage II, which consists of 150 feet of crosscuts and drifts, until recently. Stage II is now underway and 14 feet of drifting to the west has been accomplished. Material encountered in this work is principally kaolinized feldspar, scattered and massive quartz and small muscovite mica. The mica was observed near the margins of a massive quartz zone in the lower section of the present face. The drift cross section is completely in pegmatite and due to the weathered condition of this material, the need for adequate timbering was stressed. Recent progress on this contract is satisfactory.

L. E. Shirley

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

K. H. Teague

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

October 8, 1953

FILE COPY
SURNAME:

Anderson

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

October 9, 1953

N.S. in R.R.

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 3 - Docket No. DMEA-2277 - Mica
Burke-John Mica Miners
Burke John Mine
Macon County, North Carolina
Contract No. Idm-E412

The purpose of this amendment is to extend the completion date from October 1, 1953 to February 1, 1954. This amendment is necessary due to a delay in getting equipment for the operation.

The Nonmetallic Minerals Division concurs in the amendment as written and executed by the Executive Officer, DMEA Field Team, Region VII.

/s/
W. C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 10/9/53

Copy to: Admr. R. File
Docket File
Mr. Houk

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

October 2, 1953

Memorandum

To: Chairman, Operating Committee, D M E A-Washington

From: Executive Officer, D M E A- Region7

Subject: Amendment No. 3. DMEA-2277, Idm-E 412 (mica) Burke-John Miners

Transmitted herewith are three copies of the above subject amendment signed by the partners of the Burke-John Mica Miners. The usual disposition of the other copies has been made.

Robert A. Laurence

Robert A. Laurence

cc
10-5

RECEIVED
OCT 13 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

v7

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

RAIL[illegible]N VOUCHER & SCHEDULE
PAYMENTS K- 22

# OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1953 Docket No. DMEA 2277 Contract No. [illegible]
Operator's Name Burke John Mica Miners Minerals Mica
Address J. John Phillips, Spruce Pine, N. C.
Contract Amount, $ 8,110.00 Government Participation: 90 % Amount, $ 7,290.00

| ITEMS OF COSTS | FOR OPERATOR'S USE: Monthly Total | Totals Previously Reported | Totals To Date | FOR GOVERNMENT USE ONLY: Approved Monthly Total | Approved Totals Previously Reported | Approved Totals To Date |
|---|---|---|---|---|---|---|
| (1) Independent Short Form Contracts: | | | | | | |
| Drilling | | | | | | |
| Bulldozing | | | | | | |
| Crosscutting | | | | | | |
| Drifting | 364.00 | – | 364.00 | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | ~~364.00~~ | 2097.16 | 2097.16 ~~2461.16~~ | | | |
| Supervision | | 856.50 | 856.50 | | | |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | 360.00 | 360.00 | | | |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Other | | 61.34 | 61.34 | | | |
| (4) Operating Equipment: | | | | | | |
| Rental – Bulldozer | | 300.00 | 300.00 | | | |
| Purchase – Mine Rail | | 350.00 | 350.00 | | | |
| Depreciation – Mine Car | | 115.00 | 115.00 | | | |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expense | | 60.00 | 60.00 | | | |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | $364.00 | $4200.00 | $4564.00 | 364.00 | 4,200.00 | 4,564.00 |

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

Date 10-12-53 *Payee Burke John Mica Miners

Per John J. Phillips 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:

$ 327.60

Signature Cora A. Piper
(Authorized Certifying Officer)

Date OCT 19 1953 Vou. No. 10[illegible]

(See other side)

6

3640

(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-E412 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Oct. 14, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Beck Title ACTING EXECUTIVE OFFICER DMEA REGION VII Date OCT 16 1953

# 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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT. 21 1953

# OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1953 Docket No. DMEA 2277 Contract No. Idm-E 412
Operator's Name Burke John Mica Miners Minerals Mica
Address Spruce Pine, N. C.

| OPERATION | UNIT | COSTS THIS MONTH | UNITS THIS MONTH | COSTS TO DATE | UNITS TO DATE | UNIT COSTS TO DATE | AUTHORIZED BY CONTRACT Units | AUTHORIZED BY CONTRACT Unit Costs |
|---|---|---|---|---|---|---|---|---|
| Drifting | FT. | 364.00 | 14 | 364.00 | 14 | 26.00 | 150 | 26.00 LES |
| Crosscutting | | | | | | | | |
| Raising | | | | | | | | |
| Shafts ~~Rehabilitating~~ Drift | Ft. | ~~364.00~~ | ~~14~~ | 3900.00 | ~~178~~ 178 | 21.91 | 178 | ~~26.00~~ 21.91 LES |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Bulldozing | Cu. Yd. | | | 300.00 | 440 | .68 | | |
| TOTAL DISTRIBUTED COSTS | | 364.00 | | 4564.00 | | | | TOTAL COSTS AUTHORIZED BY CONTRACT |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| TOTAL COSTS | | $364.00 | | $4564.00 | | | | |

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 10-12-53 Operator Burke John Mica Miners

Per John Phillips 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 83-38475

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of September, 1953

DMEA No. 2277

Work Accomplished

Continued working without much diffculity.

Daily Notes

Sepetember 1 - 2 Mucked

September 3 -8 Set in timber

September 9 - 10 Mucked

September 11 - 15 Set in timber

September 16 - 17 Mucked

September 18 - 22 Set in timber

September 23 - 24 Mucked

September 25 - 30 Set in timber

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

September 4, 1953

Memorandum

To: J. E. Chambers, Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Administrative Officer, Region VII, Knoxville, Tennessee

Subject: Monthly reports and vouchers

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

Idn-[illegible]-412 Burke John Mica Mines
DMEA Docket No. 2277
5th payment - month of March
Amount $351.00

Idn-[illegible]-307 Stancil A. Jones
DMEA Docket No. 2040
2nd payment - months of June and July (two vouchers)
Amount $1035.00

Idn-[illegible]-362 Empire Mica Company
DMEA Docket No. 2073
1st payment - month of July
Amount $1710.00
Starting Date: 7/6/53

Helen R. Miller

Enclosures 6

/hbm
CC: W. A. Dock
R. A. Laurence
Region Files
Day Files

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

June 3, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Review of Amendment No. 2 - Docket No. DMEA-2277 - Mica
Burke John Mica Miners
Burke John Mine
Macon County, North Carolina
Contract No. Idm-E412

Purpose: To amend Article 3 of the contract to allow twelve months instead of eight months for completion of the work.

Justification: Delay in securing proper equipment and winter weather retarded progress.

Recommendation: The Nonmetallic Minerals Division concurs with the Field Team and recommends approval of the amendment as executed in the field May 15, 1953.

Stanley A. Feitler

Stanley A. Feitler
Nonmetallic Minerals Division

RECEIVED
JUN 4 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 4 1953

May 1, 1953

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region 7

Subject: Amendment No. 1. DMEA-2277, Idm-E412, BURKE-JOHN MICA MINERS.

Transmitted herewith are three signed copies of the above subject Amendment. One copy was retained by the Operator, one by this office, and one sent to the Finance Officer.

Wm. A. Beck

Wm. A. Beck

cc
5/4

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration

# OPERATOR'S MONTHLY REPORT AND VOUCHER

JUN 10 1954

Month of April, 1954 Docket No. DMEA 2277 Contract No. Idm-E412
Operator's Name Burke-John Mica Miners Minerals Mica
Address c/o John Phillips, Spruce Pine, N. C.
Contract Amount, $ 8,100.00 Government Participation: 90% Amount, $ 7290.00

| 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 | | 364.00 | 364.00 | | 364.00 | 364.00 |
| 42' Drifting @ 26.00 ft. | 1092.00 | 2444.00 | 3536.00 | 1092.00 | 2444.00 | 3536.00 |
| (2) Labor and Supervision: | | | | | | |
| Labor | | 2097.16 | 2097.16 | ~~2097.16~~ | 2,097.16 | 2,097.16 |
| Supervision | | 856.50 | 856.50 | | 856.50 | 856.50 |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | 360.00 | 360.00 | | 360.00 | 360.00 |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Other | | 61.34 | 61.34 | | 61.34 | 61.34 |
| Surveying | | 60.00 | 60.00 | | 60.00 | 60.00 |
| (4) Operating Equipment: | | | | | | |
| ~~xxxx~~ Bulldozing | | 300.00 | 300.00 | | 300.00 | 300.00 |
| ~~xxxxx~~ Mine Rail | | 350.00 | 350.00 | | 350.00 | 350.00 |
| ~~xxxxxx~~ Mine Car | | 115.00 | 115.00 | | 115.00 | 115.00 |
| Depreciation | | | | | | |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expense | | 60.00 | 60.00 | | 60.00 | 60.00 |
| (8) Contingencies (specify): | | | | | | |
| $60.00 for surveying deleted as per letter of May 5, 1954 from J.L. Chambers Chief Contract and Audit Division | | | | -60.00 | | -60.00 |
| $100.00 deleted for salvage value of equipment | | | | -100.00 | | -100.00 |
| TOTALS | 1092.00 | 7068.00 | 8160.00 | 932.00 | 7,068.00 | 8,000.00 |

PAID ON VOUCHER & SCHEDULE OF PAYMENTS 8-66

I certify that the above bill is correct and just and that payment therefor has not been received.
Date May 10, 1954 *Payee Burke-John Mica Miners
Per John Phillips 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:

$ 838.80

Signature Cora A. Fraser
(Authorized Certifying Officer)

Date MAY 26 1954 Vou. No. 294

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E412 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date May 13, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title DMEA EXECUTIVE OFFICER REGION VIII Date MAY 24 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 M-3-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

Department of the Interior
Defense Minerals Administration
JUN 10 1954

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

Month of April 1954 Docket No. DMEA 2277 Contract No. Idm-E412
Operator's Name Burke-John Mica Miners Minerals Mica
Address c/o John Phillips, Spruce Pine, N. C.

| OPERATION | UNIT | COSTS THIS MONTH | UNITS THIS MONTH | COSTS TO DATE | UNITS TO DATE | UNIT COSTS TO DATE | AUTHORIZED BY CONTRACT Units | AUTHORIZED BY CONTRACT Unit Costs |
|---|---|---|---|---|---|---|---|---|
| Drifting 42' @ 26.00Ft | Ft | 1092.00 | 42 | 3536.00 | 136 | 26.00 | 150 | 26.00 |
| Crosscutting | | | | 364.00 | 14 | | | |
| Raising | | | | | | | | |
| ~~Shafts~~ Rehabilitating | | | | | | | | |
| ~~Winzes~~ Adit, etc. | | | | 3900.00 | 178 | 21.91 | 178 | 21.91 |
| Drilling: ~~xxx~~ Surveying | | | | 60.00 | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Bulldozing | Cu.yd. | | | 300.00 | 440 | .68 | 440 | .68 |
| TOTAL DISTRIBUTED COSTS | | 1092.00 | 42 | 8160.00 | | | | TOTAL COSTS AUTHORIZED BY CONTRACT |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| TOTAL COSTS | | 1092.00 | | 8160.00 | | | | |

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 May 10, 1954 Operator Burke-John Mica Miners

Per John Phillips Title Partner
John Phillips

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)

$60.00 deleted for surveying which was not allowed by contract under stage II and $100.00 deleted for salvage value of equipment making totals $8,000.00 instead of $8,160.00

W A Beck

## INSTRUCTIONS

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

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

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

GPO 83-38475

OPERATORS
MONTHLY REPORT OF PROGRESS

April, 1954

DMEA-2277
Idm-E-412

Work Accomplished:

We tried to follow the shoot wall of the mine, and there was some vein showing which consisted of feldspar and quartz. We followed this vein in a direction that was suggested by the DMEA field team, hoping to find a shoot of mica coming down from old workings. However, we did not find any mica at all, and the vein material which we were shooting in continued to narrow down until no vein was left.

Daily Notes:

| | |
|---|---|
| April 1 - 2 | Drilled, shot |
| April 5 - 9 | Continued drilling in vein material containing quartz and feldspar. |
| April 12 - 16 | Drilled, mucked, following vein material which began diminishing. |
| April 19 - 23 | Continued to shoot and drill along wall of mine, looking for mica from old workings. |
| April 26 - 30 | Completed 42 feet of drifting, gradually running out of vein material entirely. No mica found. |

COPY

May 24, 1954

Mr. John Phillips
Burke-John Mica Miners
Spruce Pine, N. C.

Re: DMEA-2277, Idm-1412 (mica)
Burke-John Mine, Macon Co., N.C.

Dear Mr. Phillips:

This will acknowledge receipt of your Final Engineering and Geological report on the subject mine, and your letter in regard to the disposition of the mine car and rail.

The Government accepts the offer of $100.00 for the mine car and rail, and we are deducting this amount from your final voucher which we have been holding, and which is being sent to the Finance office today for processing. It was also necessary to delete the $60 for surveying you claimed, and for which you were paid on your March Invoice, because the "allowable maximum" of $4200 set up in the contract for Stage I was reached with the submission of the March 1953, MF-104 form.

Please send us the name and address of the purchaser of the mine car and rail so that we may advise him that the Government has no further interest in this equipment.

Very truly yours,

Robert A. Laurence

RAB/zm
cc:
Teck
Lynch
Finance Office-3
Files

Spruce Pine, North Carolina
May 21, 1954

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

Re: DMEA-2277 Idm-E 412 (Mica)
Disposition of Property

Dear Mr. Laurence:

We have been trying to find a buyer for the jointly owned property purchased at the beginning of work on the Burke-John Mine. This property consists of one Mine Rail purchased at $350.00 and one Mine Car purchased at $115.00, making a total purchase price of $465.00.

We have been unable to find anyone interested in buying this property, and have found only one party who made us an offer. This party has agreed to go to the mine property, dismantle and remove the rail and mine car and pay us $100.00 for both. This property has been used for two years and the value has fallen considerably. If it is satisfactory with the Government, you may deduct the portion of this price due you (90%) from our final report settlement. Otherwise, please advise us what you would like to have done with these two items.

Very truly yours,

John Phillips

John Phillips

P/mb

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 24 1953

INTERIM REPORT

DMEA-2277 Idm-E412 (mica) BURKE-JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, North Carolina

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, North Carolina. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

Rehabilitation of the lower adit has been completed, but no work has been done on this project since the last report on March 23, 1953. As soon as necessary equipment is obtained by the operators drifting will begin along the west extension of the pegmatite.

Mr. Robert D. Thomson, Commodity Industry Analyst, U. S. Bureau of Mines, accompanied the Field Examiner on this visit to the mine.

L. E. Shirley

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

April 16, 1953

FILE COPY
SURNAME:

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

600

APR 16 1953

Feitler
Hook
Gardner
Selfridge
Schmeck

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

Subject: Docket No. DMEA-2277 - Mica
Burke John Mica Miners
Burke John Mine
Macon County, North Carolina
Contract No. Idm-E412

Dear Mr. Laurence:

Please find herewith the original and five copies of Amendment No. 1 to the subject exploration contract which have been signed by the Administrator and dated in this office.

Please present the amendment to the operator for approval and signature. If any part of this amendment does not have either your approval or that of the Operator, the original and all copies are to be returned to this office together with the proposed changes for consideration.

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

Sincerely yours,

J.C. 4/16/53

George C. Selfridge

Chairman, Operating Committee

Approved:

G. M. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

Enclosures 6

SAFeitler:gad 4/14/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Hook

FILE COPY
SURNAME:

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

Feitler
Hauk
Philip
Hoffman
Crumlin
Selfridge

Memorandum

To: Chairman, Operating Committee

From: Nonmetallic Minerals Division

Subject: Review of proposed Amendment No. 1, Docket No. DMEA-2277 - Mica
Burke John Mica Miners
Burke John Mine
Macon County, North Carolina
Contract No. Idm-E412

Purpose: This amendment provides additional funds for Stage I of the contract by increasing the total amount from $6,300 to $3,100 to permit completion of the rehabilitation.

Justification: According to the best information available to the Government and the Operator when the contract was written, 50 feet or less of the tunnel was badly caved. The remaining 200 feet (approximately) was believed to require only clean-up and installation of track, air and water lines, and a small amount of timber. Pursuance of the work disclosed the fact that very heavy ground extended for approximately 150 feet instead of 50 feet. Portions of caved area that had been recovered were lost through subsequent caving. For this reason, the cost of rehabilitating the tunnel was greater than anticipated by either the Operator or the Government.

The additional funds provided by this amendment are, in effect, to pay for necessary work which was not foreseen when the contract was prepared, and it is in the interest of the Government to have the proposed work completed.

After the amount provided for rehabilitation was spent, the Field Team advised the Operator to continue the rehabilitation as part of Stage II. This method of providing the additional funds was improper and the subject amendment is intended to correct this error and provide the money in the proper manner.

**Recommendation: The Nonmetallic Minerals Division concurs with the field team and recommends approval of the amendment as written.**

**Stanley A. Feitler**
**Nonmetallic Minerals Division**

**Attachment**

SAFeitler:gad

Copy to: Admr. R. File
Docket File
Mr. Houk

DEPARTMENT OF THE INTERIOR
Bureau Mines Information
RECEIVED
APR 8 1953

INTERIM REPORT

DMEA-2277 Idm-E412 (mica) BURKE-JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, North Carolina

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, North Carolina. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

Rehabilitation of the lower adit has been completed for a distance of 178 feet from the portal. 150 feet of this distance required heavy timbering, but the last 28 feet was in hard, solid material and the only work necessary was the removal of muck left from a previous operation. Pegmatite material, consisting of hard, barren feldspar is now showing in the face. The body strikes essentially E-W and is enclosed by mica schist containing quartz stringers. Adit direction at this point is approximately N 15° W. Drifting is expected to begin immediately along the ~~eastern~~ western extension of the pegmatite body. It was suggested that ventilation by fan and blower be provided to the working face.

W. A. Beck, a member of the DMEA Field Team, Region VII, accompanied the Field Examiners on this visit to the mine.

L. E. Shirley

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

K. H. Teague

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

March 23, 1953

FILE COPY
SURNAME:

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

600

APR 7 1953

Houk
Selfridge
Quinn
Gotthard
Johnson

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

Subject: Docket No. DMEA-2277 - Mica
Burke John Mine
Macon County, North Carolina
Contract No. Idm-2412

Dear Mr. Laurence:

Reference is made to the subject contract proposed amendment, the January "Operator's Monthly Report and Voucher", and your telephone conversations of March 25 and 31, 1953, with Mr. Houk.

It is not possible to amend the contract as you have suggested. Please prepare the draft of a proposed amendment and justification for increasing the allowable maximum in Stage I about $1,500. The justification for this amendment is that the ground was much heavier than was anticipated and that the costs for doing the work were, therefore, in excess of the estimated costs. The January and February vouchers cannot legally be approved for payment here until the amendment is approved. Please hold the March voucher until the amendment is completed.

Sincerely yours,

George C. Selfridge

(GHB) 4/7/53

Chairman, Operating Committee

Approved:

G. H. Hedges (GHB)

Member, Bureau of Mines

A. R. Kinkel, Jr. (GHB)

Member, Geological Survey

LGHouk:gad 4/3/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

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

March 31, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
APR 2 1953

Memorandum

To: Operating Committee - D M E A - Washington

From: Field Team, DMEA-Region VII

Subject: Amendment No. 1, to Docket No. 2277, Idm-E412 (mica)
Burke-John Mica Miners. North Carolina

On March 19 we sent you six copies of a proposed amendment to the subject contract for your approval and the Administrator's signature. We have learned through Mr. Houk that the amendment could not be approved in the form submitted. Please destroy the copies you first received and substitute in their stead the ~~six~~ 8 transmitted herewith.

Stage I of the contract allowed a maximum of $2900 for rehabilitating the portal and an old adit. By the end of December the operators had spent this amount and considerable more of their own money and had advanced but 100 feet through the caved ground. They continued through caved ground to 150 feet where they found the tunnel open to 178 feet and in a firm condition to the pegmatite.

The Field Team recommends that due to the unforeseen condition of the old adit an additional allowance of $1300.00 be made the operator for rehabilitation. This will change the amount of the contract from $6,800.00 to $8,100.00, and the Government participation from $6,120.00 to $7,290.00.

Robert A. Laurence

Robert A. Laurence, Executive Officer
DMEA Field Team, Region 7

Wm A Beck

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

4/2/53

INTERIM REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 1 1953

IMEA-2277 Idm-E412 (mica) BURKE-JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, N.C.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, N. C. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

This project is progressing slowly because of heavy ground conditions consisting of caving and slides. Subsequent heavy timbering is necessary to control these conditions. The lower adit has been driven 137.5 feet and the last 25 feet has required stulls set about 1 foot apart with top and side lagging. Cut timbers are being used for stulls and caps and split timbers are being used for lagging. Material in the heading consisted of weathered schist.

Mr. R. A. Laurence, Executive Officer of IMEA, Region VII, accompanied the Field Examiners on this trip to the mine.

L. E. Shirley

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

K. H. Teague

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

March 13, 1953

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

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAYMENT VOUCHER AND SCHEDULE OF PAYMENTS

55

# OPERATOR'S MONTHLY REPORT AND VOUCHER

R 11 600

Month of March, 1953 Docket No. DMEA 2277 Contract No. Idm-3 412
Operator's Name Burke John Mica Miners Minerals Mica
Address % John Phillips, Spruce Pine, N. C.
Contract Amount, $ 8,100.00 Government Participation: 90% Amount, $ 7,290.00

| 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 | 222.00 | 1875.16 | | 222.00 | 1875.16 | 2097.16 |
| Supervision | 168.00 | 688.50 | | 168.00 | 688.50 | 856.50 |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | 360.00 | | | 360.00 | 360.00 |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Other | | 61.34 | | | 61.34 | 61.34 |
| (4) Operating Equipment: | | | | | | |
| Rental Bulldozer | | 300.00 | | | 300.00 | 300.00 |
| Purchase Mine Rail car | | 115.00 | | | 115.00 | 115.00 |
| ~~Depreciation~~ Mine Rail | | 350.00 | | | 350.00 | 350.00 |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expense | | 60.00 | | | 60.00 | 60.00 |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | 390.00 | 3,810.00 | 4,200.00 | 390.00 | 3,810.00 | 4,200.00 |

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

Date 7-31-53 *Payee Burke John Mica Miners

Per John Phillips 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:

$ 351.00

Signature Cora A. Piper
(Authorized Certifying Officer)

Date AUG 25 1953 Vou. No. 55
(See other side)

5

39.00

(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-E412 in accordance with the terms of the contract.

Signature Laurence E. Shirley Title Mining Engr. U.S.B.M. Date Aug. 5, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. A. Beck Title ACTING EXECUTIVE OFFICER DMEA REGION VII Date AUG 24 1953

# MONTHLY REPORT OF OPERATOR

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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.

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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
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

# OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 195 3 Docket No. DMEA 2277 Contract No. Idm-E 412
Operator's Name Burke John Mica Miners Minerals Mica
Address % John Phillips, Spruce Pine, N. C.

| OPERATION | UNIT | COSTS THIS MONTH | UNITS THIS MONTH | COSTS TO DATE | UNITS TO DATE | UNIT COSTS TO DATE | AUTHORIZED BY CONTRACT | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Units | Unit Costs |
| Drifting | | | | | | | | |
| Crosscutting | | | | | | | | |
| Raising | | | | | | | | |
| Sha~~xx~~ft Rehabilitating Drift | Ft. | $390.00 | 43 | $3900.00 | 178 | 21.91 | | |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Bulldozing | Cu. Yd. | | | 300.00 | 440 | $ .68 | | |
| TOTAL DISTRIBUTED COSTS | | | | $4200.00 | | | | TOTAL COSTS AUTHORIZED BY CONTRACT |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| TOTAL COSTS | | | | | | | | |

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

Date 7-31-53 Operator Burke John Mica Miners

Per John Phillips 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 83-38475

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of March, 1953

DMEA No. 2277

**Work Accomplished**

Continued working without too much difficulity.

**Daily Notes**

| | |
|---|---|
| March 2 - 3 | Mucked |
| March 4 - 5 | Set in timber |
| March 6 - 9 | Mucked |
| March 10-11 | Set in timber |
| Marchm 12-13 | Mucked |
| Marchm 16-17 | Set in timber |
| March 18-19 | Mucked |
| March 20-23 | Set in timber |
| March 24-26 | Mucked |
| March 27-31 | Set in timber |

Mr. Fuller

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OFFICE OF
REGIONAL DIRECTOR

SOUTHEASTERN REGION
REGION VII
HAMILTON BANK BUILDING

POST OFFICE BOX 1909
KNOXVILLE, TENNESSEE

March 24, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 26 1953

Memorandum

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

From: Administrative Officer, Region VII, Knoxville, Tennessee

Subject: Monthly Reports and Vouchers

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

Idm-E-412 Burke-John Mica Miners
Docket No. DMEA-2277
4th payment - month of February
Amount $468.00

Idm-E-425 Sam L. Phillips, John Phillips, Lin Carpenter and Norman Mashburn
Docket No. DMEA-2687
3rd payment - month of February
Amount $450.00

Idm-E-410 Elk Mica Miners
Docket No. DMEA-2466
5th payment - month of February
Amount $810.00

Helen Miller
Helen R. Miller

Enclosures

CC: W. A. Beck
R. A. Laurence

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

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

Subject: Docket No. DMEA-2277 - Mica
Burke John Mine
Macon County, North Carolina
Contract No. Idm-E412

Dear Mr. Laurence:

Reference is made to the subject contract proposed amendment, the January "Operator's Monthly Report and Voucher," and your telephone conversations of March 25 and 31, 1953, with Mr. Heuck.

It is not possible to amend the contract as you have suggested. ~~You should~~ Please prepare the draft of a proposed amendment and justification for increasing the allowable maximum in Stage I about $1,300. The justification for this amendment is that the ground was much heavier than was anticipated and that the costs for doing the work were, therefore, in excess of the estimated costs. The January and February vouchers ~~will not~~ cannot legally be approved for payment here until the amendment is approved. ~~Hold~~ Please hold March voucher until the amendment is completed.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

MF-500

UNITED STA[redacted]
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

# REFERENCE SLIP

DATE 3/23/53

REFERRED TO:

1. ~~[illegible]~~
2. MN Stark R 4637
3.
4. Mr. Fellows

FOR:

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

REMARKS: .....

Check (X) before the items needing attention.

Adams (AA)
*Initials of sender.*

GPO 16—63815-1

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

March 19, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 23 1953

Memorandum

To: Operating Committee - D M E A - Washington

From: Field Team, D M E A - Region VII

Subject: Amendment to Docket No. 2277, Idm-E412 (mica) Burks-John
Mica Miners. N. C.

Transmitted herewith are six copies of a proposed amendment to the subject contract for your approval and the Administrator's signature.

Stage I of the contract allowed a maximum of $2900 for rehabilitating the portal and an old adit. By the end of December the operators had spent this amount and considerable more of their own money and had advanced but 100 feet through the caved ground. At the end of February they were still in bad ground and were 135 feet from the portal.

The Field Team recommends that due to the unforseen condition of the old adit an additional allowance be made the operator for rehabilitation beyond the 100 foot mark on the basis of actually drifting or crosscutting at the cost of $26.00 per foot as set up in Stage II of the contract. This has been done by changing the wording in the Description of the Work, Stage II and the wording of the first paragraph of Stage II of the Estimated Cost of the project.

Robert A. Laurence

Robert A. Laurence, Executive Officer
DMEA Field Team, Region 7

Wm. A. Beck

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

EXPLORATION PROJECT CONTRACT

Lin Carpenter, Norman Mashburn, and John Phillips, partners, doing business as Burke-John Mica Miners

DOCKET NO. 2277, Idm-E-412

AMENDMENT NO. 1

It is agreed this _____ day of _____ 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Lin Carpenter, Norman Mashburn, and John Phillips, doing business as Burke John Mica Miners, each acting in consideration of the agreement of the other to the terms hereinafter set forth that Exploration Project Contract Idm-E 412, Docket DMLA-2277, dated October 1, 1952, between the parties hereto be modified and amended as of January 2, 1953 as follows;-

(A) In Exhibit "A" under description of the work, "Stage II", change the first line to read, "Drive a maximum of 150 feet of 5' x 7' crosscuts, drifts or rehabilitate old works.

(B) In Exhibit "A", under Estimated Costs of the Project "Stage II" change the first paragraph to read, "The Government will contribute to the cost of drifting, crosscutting and rehabilitation in this Stage on the basis of the below agreed unit cost per foot (which shall include all costs) in lieu of actual costs, as they accrue for units of work actually performed.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of the costs which the Government may be obligated to pay, under the provisions of Article 8 of the contract form.

BURKE JOHN MICA MINERS

By _____
Lin Carpenter, Partner

By _____
Norman Mashburn, Partner

By _____
John Phillips, partner

THE UNITED STATES OF AMERICA

By _____
Administrator, Defense Minerals Exploration Administration

zm

DEPARTMENT OF THE ARMY
Defense Nuclear Agency
Washington, D.C. 20305

MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.2
Approval expires 6-30-53.

Defense Mineral Administration
Received 6 Gov
MAR 1953

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

Amend d

Month of February, 1953 Docket No. DMEA 2277 Contract No. Idm-E-412
Operator's Name Burke John Mica Miners Minerals Mica
Address % John Phillips, Spruce Pine, N. C.
Contract Amount, $8,100.00 Government Participation: 90 % Amount, $ 7,290.00

| ITEMS OF COSTS | FOR OPERATOR'S USE: Monthly Total | Totals Previously Reported | Totals To Date | FOR GOVERNMENT USE ONLY: Approved Monthly Total | Approved Totals Previously Reported | Approved Totals To Date |
|---|---|---|---|---|---|---|
| (1) Independent Short Form Contracts: | | | | | | |
| Drilling | | | | | | |
| Bulldozing | | | | | | |
| Crosscutting | | | | | | |
| Drifting | | | | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | 202.00 | 1673.16 | 1875.16 | | | |
| Supervision | 228.00 | 460.50 | 688.50 | | | |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | 360.00 | 360.00 | | | |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Other | | 61.34 | 61.34 | | | |
| (4) Operating Equipment: | | | | | | |
| Rental Bulldozer | | 300.00 | 300.00 | | | |
| Purchase Mine Rail | | 350.00 | 350.00 | | | |
| Mine Car | | 115.00 | 115.00 | | | |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expense | | 60.00 | 60.00 | | | |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | 520.00 | 3290.00 | 3810.00 | 520.00 | 3,290.00 | 3,810.00 |

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

Date 7-31-53 *Payee Burke John Mica Miners

Per John Phillips 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:

$ 468.00

Signature Cecil A. Piper
(Authorized Certifying Officer)

Date Mar. 23, 1953 Vou. No. 134
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E412 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.Bm Date Aug. 5, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title EXECUTIVE OFFICER DMEA REGION VII Date AUG 6 1953

# 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.

MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

# UNITED STATES
# DEPARTMENT OF THE INTERIOR

## DEFENSE MINERALS EXPLORATION ADMINISTRATION

## OPERATOR'S UNIT COST AND PROGRESS REPORT

Amended

Month of February 195 3 Docket No. DMEA 2877 Contract No. 16m-E 412

Operator's Name Burke John Mica Miners Minerals Mica

Address % John Phillips, Spruce Pine, N. C.

| OPERATION | Unit | Costs This Month | Units This Month | Costs to Date | Units to Date | Unit Costs to Date | Authorized by Contract: Units | Authorized by Contract: Unit Costs |
|---|---|---|---|---|---|---|---|---|
| Drifting | | | | | | | | |
| Crosscutting | | | | | | | | |
| Raising | | | | | | | | |
| ~~Rehabilitating~~ Shafts ~~Drift~~ | Ft | 520.00 | 20 | 3510.00 | 126 | 26.00 | | |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails ~~Bulldozing~~ | Cu. Yd. | | | 300.00 | 440 | 0.68 | | |
| Total Distributed Costs | | 520.00 | | 3810.00 | | | | Total Costs Authorized by Contract |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| Total Costs | | | | | | | | |

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

Date 7-31-53 Operator Burke John Mica Miners

Per John Phillips 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 83-38475

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

134

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER AND SCHEDULE OF PAYMENTS NO. 50

# OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February 1953 Docket No. DMEA 2277 Contract No. IDME-412
Operator's Name Burke-John Mica Miners Minerals Mica
Address Spruce Pine, N. C.
Contract Amount, $ 6800.00 Government Participation: 90 % Amount, $ 6120.00

| 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~~ DRIFTING | $520.00 | $390.00 | $910.00 | 520.00 | 390.00 | 910.00 |
| Bulldozing | | | | | | |
| Crosscutting | | | | | | |
| Drifting | | | | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | | 1361.16 | 1361.16 | | 1361.16 | 1361.16 |
| Supervision | | 292.50 | 292.50 | | 292.50 | 292.50 |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | 360.00 | 360.00 | | 360.00 | 360.00 |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Other | | 61.34 | 61.34 | | 61.34 | 61.34 |
| (4) Operating Equipment: | | | | | | |
| Rental Bulldozer | | 300.00 | 300.00 | | 300.00 | 300.00 |
| Purchase Mine Rails | | 350.00 | 350.00 | | 350.00 | 350.00 |
| Depreciation Mine Car | | 115.00 | 115.00 | | 115.00 | 115.00 |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expenses | | 60.00 | 60.00 | | 60.00 | 60.00 |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | $520.00 | $3290.00 | $3810.00 | 520.00 | 3290.00 | 3810.00 |

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

Date 3-13-53 *Payee Burke-John Mica Miners

Per John Phillips 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:

$ 468.00

Signature Cora C. Piper
(Authorized Certifying Officer)

Date MAR 23 1953 Vou. No. 134
(See other side)

52.00

4

(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. DM-E412 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date March 16, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date MAR 19 1953

# 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 DMEA-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 26 1953

# OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Feb. 1953 Docket No. DMEA 2277 Contract No. DME-412
Operator's Name Burke-John Mica Miners Minerals Mica
Address Spruce Pine, N. C.

| OPERATION | UNIT | COSTS THIS MONTH | UNITS THIS MONTH | COSTS TO DATE | UNITS TO DATE | UNIT COSTS TO DATE | AUTHORIZED BY CONTRACT | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Units | Unit Costs |
| Drifting | Ft. | 520.00 | 20 | 910.00 | 35 | 26.00 | 150 | $26.00 |
| Crosscutting | | | | | | | | |
| Raising | | | | | | | | |
| Shafts | | | | | | | | |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Rehabilitation & Repairs | | None | | 2900.00 | | | | |
| TOTAL DISTRIBUTED COSTS | | $520.00 | | $3810.00 | | | | TOTAL COSTS AUTHORIZED BY CONTRACT |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| TOTAL COSTS | | $520.00 | | $3810.00 | | | | $6800.00 |

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 3-13-53 Operator Burke-John Mica Miners

Per John Phillips 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 83-38475

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of February 1953

DMEA No. 2277

Work Accomplished

Much diffculity has been encountered in going through old work. The whole top of mountain seems to be falling down into head of tunnel. There are two large holes on top of the ground that have continuely been sinking as a result of our taking out the muck in the head of tunnel. We have been forced to go out on top of the ground and try to prevent these big holes continuing to sink and be taken out through the tunnel.

Daily Notes

| | |
|---|---|
| February 2 | Attempted to set timbers which was unsuccessful on account of slide in at head of tunnel. |
| February 3 - 4 | Mucked |
| February 5 - 6 | Set in timber |
| February 9 | Mucked |
| February 10 | Set timber & mucked |
| February 11 | More slide in |
| February 12 | Mucked |
| February 13-16 | Cut timbers "Logs for the large opening on top of ground." |
| February 17-20 | Mucked |
| February 23-25 | Set timber |
| February 26-28 | Mucked |

INTERIM REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

IMEA-2277 Idm-E412 (mica) BURKE-JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, North Carolina.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, North Carolina. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

The lower adit is still in the process of rehabilitation; the old works have extended further than originally assumed. About 111 feet of this old works has been cleaned out and timbered. Timbering required top and side lagging due to nature of material. Operator was advised to load top lagging with about 2 feet of material. This work has followed essentially the previous workings, which in turn has caused deviation from the target. Operator was advised at this visit to make a gradual turn in order to pick up the pegmatite. Most of the material removed has consisted of weathered micaceous schist and no pegmatite material has been reported.

Progress on this project has been slow because of heavy ground and extensive timbering that has been necessary to take care of the above conditions.

L. E. Shirley

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

K. H. Teague

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

January 26, 1953

Spruce Pine, North Carlina
February 10, 1953

DMEA-2277

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 12 1953

Lawrence G. Houk, Chief
Nonmetallic Minerals Division
Washington 25, D. C.

Dear Mr. Houk:

In reply to your letter of January 29, in the beginning of the operation of the Burke-John Mine, we used a bulldozer and dozed from surface down to the old drift advancing in the old drift 16 feet from mouth.

We started where our bulldozing stopped with a car line, and have advanced in the old drift to a total depth of 115 feet; including bulldozing 16 feet. The above work was accomplished with our December Report.

Sincerely yours,

Sam L. Phillips

Sam L. Phillips

SLP/lc

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

Omer 2277

January 30, 1953

Mr. Norman E. Mashburn
Franklin, North Carolina

Dear Mr. Mashburn:

Attached is a Safety Inspection Report of your Burke-Johns Mica Miners Prospect made by Mr. Roy G. Stott, mining health and safety engineer, on January 6, 1953.

Very truly yours,

M. C. McCall, Chief
Accident Prevention and Health
Division, Region VII

cc: R. A. Laurence, Room 13, Post Office Bldg., Knoxville 2, Tenn.
W. A. Beck (3) Room 13, Post Office Bldg., Knoxville 2, Tenn.
F. H. Shuford, State Department of Labor, Raleigh, N. C.
J. L. Fitzgerald, Box 7346, Asheville, N. C.
Director, Defense Minerals Exploration Administration, Washington, D. C.
S. H. Ash
J. Westfield
A. Gabriel
J. R. Thoenen, Bureau of Mines, Tuscaloosa, Alabama
R. G. Stott
District Office

MCM

# SAFETY INSPECTION REPORT
# BURKE-JOHNS MICA MINERS PROSPECT (MICA)
# (NEAR) FRANKLIN, MACON COUNTY, NORTH CAROLINA

January 6, 1953

By

Roy G. Stott
Mining Health and Safety Engineer

Originating Office - Bureau of Mines
210-12 Social Security Building
Birmingham 3, Alabama
M. C. McCall, Chief
Accident Prevention and Health Division
Region VII

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

SAFETY INSPECTION REPORT
BURKE-JOHNS MICA MINERS PROSPECT (MICA)
(NEAR) FRANKLIN, MACON COUNTY, NORTH CAROLINA

January 6, 1953

by

Roy G. Stott
Mining Health and Safety Engineer

## INTRODUCTION

This report is based on an inspection made at the request of the Defense Minerals Exploration Administration to determine conditions and practices relating to health and safety and to propose recommendations for correcting hazards. The inspection party consisted of Roy G. Stott, mining health and safety engineer, Bureau of Mines, William A. Beck and Laurence E. Shirley, mining engineers, Defense Minerals Exploration Administration, and Norman E. Mashburn, mine foreman.

## GENERAL INFORMATION

The Burke-Johns Mica Miners Prospect is operated by a partnership of Norman Mashburn, Lin Carpenter, and John Phillips. An exploration loan has been granted by the D. M. E. A. under Docket Number 2277, Contract Idm E412. The mine is situated near the Iotla-Bowers mine and is located about 4.0 airline miles N57°W of Franklin, Macon County, North Carolina.

The prospect contract is for reopening old caved workings through an old adit reportedly 100 to 200 feet long trending northwesterly from its hillside entrance. To date the old adit has been reopened and timbered for a distance of 100 feet. The cross-section of the timbered adit is 5-1/2 feet by 6-1/2 feet inside the timbers. The opening is timbered with sets on 3-foot centers. Posts and caps are of 6- to 10-inch round split oak and the tops and sides of the timber sets are lagged with similar material.

Three men are employed.

All men wear hard hats while working in the heading and use carbide lamps for illumination. No drilling and blasting is being done at present. The caved material is removed by hand and trammed to the dump in a 1-ton capacity mine car. When they have advanced 3 feet the next set is erected and lagged; however the top lagging is not covered with broken rock or with blocking. There is an open space above the sets of 2 to 10 feet for a distance of at least 30 feet from the heading. Men are not allowed to work under the loose roof at the heading to shovel a cover on the sets.

## SAFETY RECOMMENDATIONS

1. The top lagging on the drift sets should be covered by at least 24 inches of fill. To cover the present lagged sets it is recommended angled up-holes be drilled in the sides through the lagging and blasted with light charges of explosives.

   Note: It is <u>not</u> recommended or intended the miners shovel loose muck back from the face onto the sets and expose themselves to dangerous roof.

2. To minimize the hazards of derailments the ties should not be spaced further than 30 inches apart, and a tie should be placed under each track joint.

3. Compressed air or blower ventilation should be supplied to the face.

4. Timber caps should be of a cross-sectional strength equivalent to a 6-inch by 6-inch oak timber. It was observed many caps were deeply notched for placing on the posts thereby greatly reducing their strength.


## ACKNOWLEDGMENT

The cooperation of the foreman, Norman E. Mashburn, and the employees during this inspection is gratefully acknowledged.


Respectfully submitted,

/s/ Roy G. Stott

Roy G. Stott
Mining Health and Safety Engineer

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

Budget Bureau No. 42-R1036.3
Approval expires 6-30-53.

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS EXPLORATION ADMINISTRATION

# OPERATOR'S MONTHLY REPORT AND VOUCHER

Amended

Month of January, 1953 Docket No. DMEA 2277 Contract No. Idm-E 412

Operator's Name Burke John Mica Miners Minerals Mica

Address % John Phillips, Spruce Pine, N. C.

Contract Amount, $8,100.00 Government Participation: 90 % Amount, $7,290.00

| 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 | 222.00 | 1361.16 | 1583.16 | | | |
| Supervision | 168.00 | 292.50 | 460.50 | | | |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | 360.00 | 360.00 | | | |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Other | | 61.34 | 61.34 | | | |
| (4) Operating Equipment: | | | | | | |
| Rental Bulldozer | | 300.00 | 300.00 | | | |
| Purchase Mine Rail | | 350.00 | 350.00 | | | |
| Depreciation Mine Car | | 115.00 | 115.00 | | | |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expense | | 60.00 | 60.00 | | | |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | 390.00 | 2900.00 | 3290.00 | 390.00 | 2900.00 | 3290.00 |

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

Date 7-31-53 *Payee Burke John Mica Miners

Per John Phillips Title Partners

*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:

$ 351.00

Signature Cora A. Piper
(Authorized Certifying Officer)

Date Feb. 24, 1953 Vou. No. 113

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E-42 in accordance with the terms of the contract.

Signature Lawrence C. Shirley Title Mining Engr. U.S.B.M. Date Aug. 5, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

EXECUTIVE OFFICER

Signature Robert A. Lawrence Title DMEA REGION VII Date AUG 6 1953

# MONTHLY REPORT OF OPERATOR

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(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
Approval expires 6-30-53.

# UNITED STATES
# DEPARTMENT OF THE INTERIOR

## DEFENSE MINERALS EXPLORATION ADMINISTRATION

## OPERATOR'S UNIT COST AND PROGRESS REPORT

Amended

Month of January 1953 Docket No. DMEA 2277 Contract No. Idm-E 412

Operator's Name Burke John Mica Miners Minerals mica

Address % John Phillips, Spruce Pine, N. C.

| OPERATION | UNIT | COSTS THIS MONTH | UNITS THIS MONTH | COSTS TO DATE | UNITS TO DATE | UNIT COSTS TO DATE | AUTHORIZED BY CONTRACT | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Units | Unit Costs |
| Drifting | | | | | | | | |
| Crosscutting | | | | | | | | |
| Raising | | | | | | | | |
| ~~Shafts~~ xxxRehabilititing Drift | Ft | 390.00 | 15 | 2990.00 | 115 | 26.00 | | |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Bulldozing | Cu. Yd. | | | 300.00 | 440 | $ .68 | | |
| TOTAL DISTRIBUTED COSTS | | | | 3290.00 | | | | TOTAL COSTS AUTHORIZED BY CONTRACT |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| TOTAL COSTS | | | | | | | | |

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

Date 7-31-53 Operator Burke John Mica Miners

Per John Phillips 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 83-38475

Form IF-104 (Rev.)
April 1952)

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

Mr. Fuller

PAID ON VOUCHER AND SCHEDULE OF PAYMENTS NOR = 45

113

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

Month of January, 1953 Docket No. DMEA 2277 Contract No. DMR- 412
Operator's Name Burke-John Mica Miners Minerals Mica
Address Spruce Pine, N. C.
Contract Amount, $ 6800.00 Government Participation: 90 % Amount, $ 6120.00

| 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~~ DRIFTING | $390.00 | None | $390.00 | 390.00 | — | 390.00 |
| Bulldozing | | | | | | |
| Crosscutting | | | | | | |
| Drifting | | | | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | | 1361.16 | 1361.16 | | 1361.16 | 1361.16 |
| Supervision | | 292.50 | 292.50 | | 292.50 | 292.50 |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | 360.00 | 360.00 | | 360.00 | 360.00 |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Others | | 61.34 | 61.34 | | 61.24 | 61.24 |
| (4) Operating Equipment: | | | | | | |
| Rental Bulldozing | | 300.00 | 300.00 | | 300.00 | 300.00 |
| Purchase Mine Rails | | 350.00 | 350.00 | | 350.00 | 350.00 |
| Depreciation Mine Car | | 115.00 | 115.00 | | 115.00 | 115.00 |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expenses | | 60.00 | 60.00 | | 60.00 | 60.00 |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | $390.00 | $2900.00 | $3290.00 | 390.00 | 2900.00 | 3290.00 |

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

Date 2-10-53 *Payee Burke-John Mica Miners

Per John Phillips 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:

$ 351.00 ~~25.00~~ CP.

Signature Cora A. Piper
(Authorized Certifying Officer)

Date FEB 24 1953 Vou. No. 113

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E412 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. Date Feb. 17, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date FEB 19 1953

# 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
Approval expires 6-30-53.

# UNITED STATES
# DEPARTMENT OF THE INTERIOR

## DEFENSE MINERALS EXPLORATION ADMINISTRATION

# OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1953 Docket No. DMEA 2277 Contract No. DMF-412
Operator's Name Burke-John Mica Miners Minerals Mica
Address Spruce Pine, N. C.

| OPERATION | UNIT | COSTS THIS MONTH | UNITS THIS MONTH | COSTS TO DATE | UNITS TO DATE | UNIT COSTS TO DATE | AUTHORIZED BY CONTRACT Units | AUTHORIZED BY CONTRACT Unit Costs |
|---|---|---|---|---|---|---|---|---|
| Drifting | Ft. | 390.00 | 15 | 390.00 | 15 | $26.00 | 150 | $26.00 |
| Crosscutting | | | | | | | | |
| Raising | | | | | | | | |
| Shafts | | | | | | | | |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Rehabilit tion & Repair | | None | | $2900.00 | | | | |
| TOTAL DISTRIBUTED COSTS | | $390.00 | | $3290.00 | | | | TOTAL COSTS AUTHORIZED BY CONTRACT |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| TOTAL COSTS | | $390.00 | | $3290.00 | | | | $4680.00 |

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 2-10-53 Operator Burke-John mica miners

Per John Phillips 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 83-38475

February 10, 1953

Wm. A. Beck, Acting
Executive Officer, DMEA
Field Team, Region 7

Re: DMEA-2277, Idn-E412 (mica)

Dear Mr. Beck:

I certify that all bills and invoices included in our past monthly reports have been paid in full.

Sincerely yours,

Sam L. Phillips

Sam L. Phillips

SP/lc

RECEIVED
FEB 12 1953
U.S. BUREAU OF MINES
DEP. MIN. ADM.
Knoxville, Tennessee

RECEIVED
FEB 19 1953
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of January 1953

DMEA No. 2277

**Work Accomplished**

We have had some diffculty this month with absentee due to Flu and etc. And have not been able to work regular, but have advanced 15 feet during this month.

**Daily Notes**

| | |
|---|---|
| January 1-10 | Advanced 12 feet in old tunnel. |
| January 26-31 | We had a cave in and cleaned out the cave in and timbered up the face and advanced 3 more feet. |

RECEIVED
FEB 19 1953
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

FILE COPY
SURNAME:

Feitler
Houk

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 630

JAN 29 1953

Mr. John Phillips
Burke John Mica Miners
Spruce Pine, North Carolina

Subject: Docket No. DMEA-2277 - Mica
Burke John Mine
Macon County, North Carolina
Contract No. Idm-E412

Dear Mr. Phillips:

Reference is made to the subject exploration contract and your Operator's Monthly Report and Voucher for December, 1952.

The number of feet advanced during the period and the total to date do not appear in the Unit Cost and Progress Report nor in the narrative section. Please supply this information so the cost records will be complete.

Thank you for your cooperation.

Sincerely yours,

SIGNED

1-29-53

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

SAFeitler:gad 1/29/53

Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
SOUTHEASTERN REGION
REGION VII

OFFICE OF
REGIONAL DIRECTOR

P. O. BOX 217
NORRIS, TENNESSEE

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 23 1953

January 21, 1953

Memorandum

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

From: Administrative Officer, Region VII, Norris, Tennessee

Subject: Monthly Reports and Vouchers

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

Idm-E-405 Harris-Gibbs
Docket No. DMEA-2368
3rd Payment - month of December
Amount $756.00

Idm-E-412 Burke-John Mica Miners
Docket No. DMEA-2277
2nd payment - month of December
Amount $413.33

Idm-E-418 Conway Davis
Docket No. DMEA-2575
2nd payment - month of December
Amount $297.00

Idm-E-425 Sam L. Phillips, John Phillips, Lin Carpenter and Norman Washburn
Docket No. DMEA-2687
1st payment - month of December
Amount $810.00

Idm-E-430 Buchanan and Buchanan
Docket No. DMEA-2524
2nd payment - month of December
Amount $765.00

Idm-E-454 Schroeder Company
Docket No. DMEA-2634
1st payment - month of December
Amount $1621.13
Starting Date: November 26, 1952

CC: W. A. Dock
R. A. Laurence

Helen R. Miller

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 23 1953

January 19, 1953

Mr. John Phillips
Burke-John Mica Miners
Spruce Pine, N. C.

Re: DMA-2277, Idm-Eh12 (mica)

Dear Mr. Phillips:

Your December Operator's Monthly Report and Voucher is being sent to our Norris Office today for processing.

With your report you sent an invoice in the amount of $350.00 for rail from Carpenter & Phillips Mica Company, and a certified copy of an invoice from M & F Equipment Company. In as much as you have been paid for these items we would like to have your receipts to cover these payments.

With this months report you included an invoice for $22.10 for supplies purchased from Blackburn Hardware Company, please send us a receipt showing that this item has been paid.

On the form MF-104A, all your costs to date should have been placed under initial Rehabilitation & Repairs, and when you start the new work the spaces for drifting or crosscutting should be used.

Very truly yours,

Mr. A. Beck, Acting
Executive Officer, DMA
Field Team, Region 7

MAP/rm
cc:
Laurence
Lynch
Norris-3
Files

Form 104 (Rev.) (1952)

Budget Bureau No. 42-R1036.3. Approval expires 6-30-53.

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 23 1953

# OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1952 Docket No. DMEA 2877 Contract No. [illegible]-412

Operator's Name Burke-John Mica Miners Minerals Mica

Address Spruce Pine, N. C.

Contract Amount, $6000.00 Government Participation: 50 % Amount, $6100.00

| ITEMS OF COSTS | FOR OPERATOR'S USE: Monthly Total | Totals Previously Reported | Totals To Date | FOR GOVERNMENT USE ONLY: Approved Monthly Total | Approved Totals Previously Reported | Approved Totals To Date |
|---|---|---|---|---|---|---|
| (1) Independent Short Form Contracts: | | | | | | |
| Drilling | | | | | | |
| Bulldozing | | | | | | |
| Crosscutting | | | | | | |
| Drifting | | | | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | 377.16 | 984.00 | 1361.16 | 377.16 | 984.00 | 1361.16 |
| Supervision | | 292.50 | 292.50 | | 292.50 | 292.50 |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | 60.00 | 300.00 | 360.00 | 60.00 | 300.00 | 360.00 |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| Other | 22.10 | 39.24 | 61.34 | 22.10 | 39.24 | 61.34 |
| (4) Operating Equipment: | | | | | | |
| Rental Bulldozer | | 300.00 | 300.00 | | 300.00 | 300.00 |
| Purchase Line Mill | | 350.00 | 350.00 | | 350.00 | 350.00 |
| Depreciation Line Car | | 115.00 | 115.00 | | 115.00 | 115.00 |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expense | | 60.00 | 60.00 | | 60.00 | 60.00 |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | 459.26 | 2440.74 | 2900.00 | 459.26 | 2440.74 | 2900.00 |

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

Date Jan. 8, *Payee John Phillips

Per Burke-John Mica Miners Title President

*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:

$413.33

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

4573

(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. Idn-E4/2 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Jan. 12, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature L. M. Beck Title Acting Exec. Officer Region VII Date 1-19-53

# 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 [illegible]-104A
(A[illegible]52)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

# UNITED STATES
# DEPARTMENT OF THE INTERIOR

## DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 23 1953

# OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Dec 195 2 Docket No. DMEA 2277 Contract No. 2[illegible]-B-412

Operator's Name Burke-John Mica Miners Minerals Mica

Address Spruce Pine, N. C.

| OPERATION | UNIT | COSTS THIS MONTH | UNITS THIS MONTH | COSTS TO DATE | UNITS TO DATE | UNIT COSTS TO DATE | AUTHORIZED BY CONTRACT Units | AUTHORIZED BY CONTRACT Unit Costs |
|---|---|---|---|---|---|---|---|---|
| Drifting | | ~~459.26~~ was | | ~~2900.00~~ was | | | | |
| Crosscutting | | | | 300.00 | (16) | (19.00) | | |
| Raising | | | | 2600.00 | 91 | 28.50 | | |
| Shafts | | | | | | | | |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| TOTAL DISTRIBUTED COSTS | | ~~459.26~~ was | | ~~2900.00~~ was | | | | TOTAL COSTS AUTHORIZED BY CONTRACT |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | 459.26 was | | 2900.00 was | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| TOTAL COSTS | | ~~459.26~~ | | ~~2900.00~~ | | | | ~~2900.00~~ |

Not complete Costs not allowed under contract

Now Rehabilitation

Building

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.

REMARKS:

Date Jan. 8 Operator Burke-John Mica Miners

Per John Phillips 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)

(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 83-38475

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of December 1952

DMEA No. 2277

Work Accomplished

Continued cleaning out of the odd drift and timbering as we went. We found that there is more waste that continue to slide in. We have spent considerable more time moving this than was anticipated. We still have not reached solid gronnd. Our payroll runs more than our allowable maximum. We are only showing on our reports the maximum for stage I.

The reason we did not show any supervision on this contract we have had the Iola-Bowers Supervisor, supervising this and carrying his time on that job.

2277

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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DEC 31 1952

INTERIM REPORT

DMEA-2277 Idm-E412 (mica) BURKE-JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, North Carolina.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, North Carolina. It is about 1200' west of Poindexter Branch of Iotla Creek.

This mine was visited in the company of Norman Mashburn. The lower adit has been rehabilitated for a distance of 93 feet from the portal. Material encountered consists principally of muck and weathered micaceous schist. Some heavy ground and loose boulders have been overcome and progress on remaining rehabilitation should speed up in the near future. It is estimated that it is only about 20 - 25 feet to pegmatite material. This project is progressing satisfactorily.

L. E. Shirley

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

December 18, 1952

Wm. Faulkner

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
Room 1, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 22 1952

December 17, 1952

Mr. John Phillips
Burke-John Mica Miners
Spruce Pine, North Carolina

Re: DMEA-2277, Idm-Ell2 (mica)

Dear Mr. Phillips:

Your October-November Operator's Monthly Report and Voucher has been received by this office and is being forwarded to our Norris, Tennessee office today for processing.

You did not break down your labor as to Supervision and labor. We are assuming that F. H. Willis is the foreman on the job and have placed his earnings under supervision. We are also allowing the full amount of your payroll or $1,276.50 instead of $1,120.00 as this item is not an allowable maximum. The amount of $2,900.00 for Stage I, however, is an allowable maximum and cannot be exceeded.

We have revised your report as follows:

| | |
|---|---|
| Item 2, Labor | $984.00 |
| Supervision | 292.50 |
| Item 3, Timber | 300.00 |
| Other hand tools | 39.24 |
| Item 4, Operating Equipt. | |
| Rental-Bulldozer | 300.00 |
| Purchase, mine rail | 350.00 |
| Mine car | 115.00 |
| Item 7, Miscellaneous | |
| Office expense | 60.00 |
| | $2,440.74 |

Please correct your copy to coincide with ours.

You have presented receipts for all items except the $350.00 for rail and the $20.00 for tools from the M & F Equipment Company. These receipts should be sent in with your next report.

Yours very truly,

Wm. A. Beck, Acting Executive Officer

Mr. Fitter

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

INT RIM REPORT

MRA-2277 Idm-L412 (mica) BURKE-JOHN MINE

OPERATOR: Burke-John Mica Miners, c/o John Phillips, Spruce Pine, North Carolina.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, North Carolina. It is about 1200' west of Poindexter Branch of Iotla Creek.

Rehabilitation of the adit has advanced to 78' from the portal. Some heavy ground has been encountered at this point, but this is not expected to be persistent. Materials consists almost entirely of weathered micaceous schist. Timbering is satisfactory to point of breakdown. This project is moving slowly.

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

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

December 1, 1952

Noted 12/8/52
SAF

INTERIM REPORT

DMEA-2277, Idm-2412 (mica) Burke-John Mine

Operator: Burke-John Mica Miners, Spruce Pine, N. C.

Location: 3 miles airline and 5 miles by road N. 60°W. of Franklin, Macon County, North Carolina

The Field Team was accompanied on this visit by Norman Nashburn of Burke-John Mica Mines. To date 63 feet of the adit has been cleaned out and timbered. The adit is still in caved ground, but little difficulty has been encountered in removing muck and holding the ground. Track is being placed in that portion of the adit already reconditioned. Progress on this porject is satisfactory.

K. H. Teague

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

Reg. VII

November 17, 1952

noted 12/1/52

ZM

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 19 1952
Mr. Fitler

INTERIM REPORT

DMEA-2277 Idm-E412 (mica) BURKE JOHN MINE

OPERATOR: Burke John Mica Mines, Spruce Pine, N. C.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, North Carolina. It is about 1200' west of Poindexter Branch of Iotla Creek.

Norman Mashburn accompanied the Field Team on this visit to the mine. Rehabilitation of the lower adit is progressing satisfactorily. The adit has been timbered to about 30'. Material encountered to present has been muck and heavy ground from a previous operation. Progress on this project is good.

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

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

November 4, 1952

noted. BF 11/20/52

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 5 1952

INTERIM REPORT

DMEA-2277 Idm-E412 (mica) BURKE JOHN MINE

OPERATOR: Burke John Mica Miners,
Spruce Pine, North Carolina.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, North Carolina. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

The Field Team was accompanied on this visit to the mine by Norman Mashburn of Burke John Mica Miners. Work began on this project October 9, 1952. A bulldozer cut to clear caved portal of lower adit was completed October 16, 1952. Rehabilitation of this lower adit has been started, but only a small amount of work in this direction had been accomplished at time of visit. Progress on this project is satisfactory.

K. H. Teague

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

L. E. Shirley

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

October 20, 1952

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

Department of THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 22 1952

# OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Oct. & Nov., 1952 Docket No. DMEA 2277 Contract No. Idm-E412
Operator's Name Burke-John Mica Minerals Minerals Mica
Address Spruce Pine, N. C.
Contract Amount, $ 6800.00 Government Participation: 90 % Amount, $ 6120.00

| 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 | ~~300.00~~ | | ~~300.00~~ | ~~300.00~~ was | | ~~300.00~~ was |
| Crosscutting | | | | | | |
| Drifting | | | | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | 1120.00 | | 1120.00 | 984.00 | | 984.00 |
| Supervision | | | | 292.50 | | 292.50 |
| Technical Services | ~~60.00~~ | | ~~60.00~~ | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | 300.00 | | 300.00 | 300.00 | | 300.00 |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | 350.00 | | 350.00 | ~~350.00~~ was | | ~~350.00~~ was |
| Mine Car | 115.00 | | 115.00 | ~~115.00~~ was | | ~~115.00~~ was |
| Other Hand Tools | 39.24 | | 39.24 | 39.24 | | 39.24 |
| (4) Operating Equipment: | | | | | | |
| Rental Bulldozer | 300.00 | | 300.00 | 300.00 | | 300.00 |
| Purchase Mine Rail | 350.00 | | 350.00 | 350.00 | | 350.00 |
| ~~Depreciation~~ Mine Car | 115.00 | | 115.00 | 115.00 | | 115.00 |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| Office Expense | 60.00 | | 60.00 | 60.00 | | 60.00 |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | 2284.24 | -0- | 2284.24 | 2440.74 | | 2440.74 |

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

Date 12-3-52 *Payee Burke-John Mica Minerals

Per John P. Phillips 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:

$2196.67

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tdm-E412 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Dec. 15, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title Executive Officer Date DEC 17 1952

# 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.

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 22 1952

# OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Oct. & Nov. 1952 Docket No. DMEA 2277 Contract No. Idm-E 412
Operator's Name Burke-John Mica Miners Minerals Mica
Address Spruce Pine, N. C.

| OPERATION | Unit | Costs This Month | Units This Month | Costs to Date | Units to Date | Unit Costs to Date | Authorized by Contract: Units | Authorized by Contract: Unit Costs |
|---|---|---|---|---|---|---|---|---|
| Drifting | | ~~2284.24~~ | | ~~2284.24~~ | | | | |
| Crosscutting | | | | | | | | |
| ~~Raising~~ LES Bulldozing | Cu.yds | 300.00 | 440 | 300.00 | 440 | .68 | 440 | .68 |
| Shafts | | | | | → = 16' Adit advance | | | |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Rehabilitating Adit | | 2140.74 | | | | | | |
| Total Distributed Costs | | 2440.74 | | | | | | Total Costs Authorized by Contract |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| Total Costs | | 2284.24 | | 2284.24 | | | | |

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 12-3-52 Operator Burke-John Mica Miners

Per John Phillips 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: Other Costs

| | |
|---|---|
| Labor | 1120.00 |
| Timber | 300.00 |
| Track | 350.00 |
| Mine Car | 115.00 |
| Hand Tools | 39.24 |
| Office Expense | 60.00 |
| Total | 1984.24 |

LES.

(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.

U. S. GOVERNMENT PRINTING OFFICE 205676

OPERATORS
MONTHLY PROGRESS REPORT
for the
Months of October & November 1952

DMEA no. 2277

**Work Accomplished**

Commenced operation on the week beginning October 6, 1952. Bulldozed and cleared caved portion of lower adit in preparation for cleaning out old drift. Hired workmen to clean out old drift. Have cleaned out, timbered and laid rail in drift a distance of about 72 feet. As yet the head in the drift has not been reached. Not sure just how much farther we will have to go before reaching it. Progress has been from ~~to~~ good to slow in some cases, due to difficulties encountered in timbering.

Burly - John Mica Mines

Signed John Phillips

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 15 1952

INTERIM REPORT

DMEA-2277 (Mica) BURKE JOHN MINE

APPLICANT: Burke John Mica Miners, Macon County, N. C.

LOCATION: 3 miles airline and 5 miles by road N 60° W of Franklin, Macon County, North Carolina. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

Purpose of visit to this project was to obtain signature of applicant on the contract. Contract was reviewed with applicant. Proposed bulldozing and rehabilitation of drift as to cleaning out and reconditioning is anticipated to begin in the very near future.

L. E. Shirley

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines
Mining Branch
Minerals Technology Division
Region VII

October 8, 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
Room 13, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 13 1952

October 10, 1952

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region 7-Knoxville, Tenn.

Subject: DMEA-2277, Idm-E412 (mica) Signed Contracts.
Lin Carpenter, Norman Mashburn and John Phillips

Transmitted herewith are three copies of the signed contracts for the above subject docket. One copy was retained by the Operators, one by this office, and one sent to the Finance Office.

Robert A. Laurence
Robert A. Laurence

cc
10-14

FILE COPY
SURNAME:

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

Feitler
Houk
Talbert

OCT 2 1952

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

Subject: Docket No. DMEA-2277 - Miss Burke John Mica Mineral
Macon County, North Carolina

Dear Mr. Laurence:

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

If the contract meets with your approval, present it to the operator for his approval and signature. If any provisions are unsatisfactory to the operator, return all copies to this office along with suggested changes for consideration.

After signing of the contract, one copy is to be given to the operator, one copy retained for your files, one copy for the Regional Finance Officer, and the remaining copies, including the original, are to be returned to this office as soon as possible.

10-2-52

Sincerely yours,

Ernest Wm. Ellis

ACTING Chairman, Operating Committee

Approved:

C. H. Johnson (B. A.)
Member, Bureau of Mines

A. R. Kinkel, Jr. (B. A.)
Member, Geological Survey

SAFeitler:gad 9/25/52

Copy to: Admin. REading File
Docket File
Operating Committee (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

Enclosures 6

~~OFFICE OF THE ADMINISTRATOR~~



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

September 26, 1952

Memorandum

To: Administrator

Through: L. G. Houk

From: Chief Counsel

Subject: Burke John Mica Miners - Docket No. DMEA-2277

There is attached, in satisfactory legal form for execution, a contract covering the above-described project, subject to the attachment of the Owner's Consents to Lien and the maps therein referred to.

J. L. Hofflund
J. L. Hofflund
Chief Counsel

Attachments

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

September 17, 1952

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Resume Docket No. DMEA-2277 - Mica
Burke John Mica Miners
Burke John Mine
Macon County, North Carolina

Conclusion: Based on the Field Team's observations and recommendation, the Burke John Mine warrants exploration.

Recommendation: Approval of the proposed contract for a $6,800.00 exploration program consisting of rehabilitation of the lower adit and driving 150 feet or crosscuts and drifts. This allows for 30 feet more of drifting than the Field Team's proposal.

Application received 12/10/51
Proposes $9,900.00 program to bulldoze, sink test pits and drive a crosscut.
U.S.G.S. memo - Jahns to Kupfer - mine last worked in 1905 and 1906. Brief description of the geology.
U.S.B.M. - memo 2/13/52
Recommends field examination.
U.S.G.S. - memo 2/20/52
Recommends denial.
Referred to Field 3/10/52.
Report from Field Team received 4/14/52.
Recommends program involving $5,670.00 expenditure to rehabilitate lower level and crosscut to probable downward extensions of two mica zones with short drifts in the pegmatite.
U.S.G.S. - memo 4/18/52.
Agrees with Field Team.
U.S.B.M. memo 4/28/52.
Agrees with Field Team.
Since then we have been trying to obtain a satisfactory area and description of land as well as Owner's Consent to Lien.

Applicant through his local lawyer submitted the last necessary Owner's Consent to Lien 9/12/52.
Contract prepared 9/17/52.

Stanley A. Feitler

Stanley A. Feitler
Nonmetallic Minerals Division

C. BRASWELL COLLINS
ATTORNEY AT LAW
THE ARLINGTON BUILDING
1025 VERMONT AVENUE, N. W.
WASHINGTON 5, D. C.

NATIONAL 7808

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
INCOMING
SEP 15 1952

September 12, 1952

Mr. Stanley A. Fietler
Room 4635
Non-Metallic Minerals Division
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Fietler:

Enclosed is Owners Consent to Lien forms signed for Burke-John Mine.

Thank you.

Sincerely yours,

C. B. Collins

C. B. Collins

CBC/amb

Enclosure

2277 7/29/52

Burke John Mica Miners

Mr C. B. Collins - personal call. Company acquiring additional land needed.

ok. MKP.

8/4/52

C. B. Collins writing letter re Owners consent for ~~at~~ new lease covering additional land. Brought lease in today. SF

Owners Consent Rec. 9/15/52 SF.

Jack Rothy H. Fouts signature

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

Room 13, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1952

June 30, 1952

Memorandum

To: Operating Committee, D.M.E.A. Washington

From: Robert A. Laurence, Executive Officer, Region VII

Subject: DMEA-2277, Burke-John Mine (mica)

On June 26, 1952, K. H. Teague of the Field Team was contacted by Norman Mashburn regarding the location of property lines at the Burke-John Mine, (DMEA-2277). The following description of the property was supplied by Mr. Mashburn:

" Beginning at the caved portal of the old adit at the eastern end of the mine and running 130 feet S. 60° E. to a hickory tree (corner tree), thence 172 feet N 7° E to a double chestnut stump, thence 1200 feet N 75° W to a spur ridge, thence along the crest of the spur in a southwesternly direction to the crest of the main ridge, thence approximately 1100 feet in a S. 75° E direction to the point of closure at the hickory tree corner."

R. A. Laurence

DMEA-2277

C. BRASWELL COLLINS
ATTORNEY AT LAW
THE ARLINGTON BUILDING
1025 VERMONT AVENUE, N. W.
WASHINGTON 5, D. C.

NATIONAL 7808

June 19, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 20 1952

Mr. Stanley A. Fietler
Non-Metallic Minerals Division
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Fietler:

It is respectfully requested that the exploration application for the Burke-John Mica Mine be amended so as to limit the area of ground on which the exploration shall be conducted to the following:

> All of that plot and parcel of land contained in a half circle having a radius of 500 feet. Commencing at a point on the property line due north of the lower portal of the Burke-John Mica Mine, which has two or more portals, and from this point on said property line due north of said lower portal inscribe a half circle of 500 foot radius extending toward the north and east with its base on said property line.

Thank you very much for incorporating this description in the application.

Sincerely yours,

C B Collins

C. B. Collins

CBC/amb

Not quite right
to be corrected by
C.B.C.

C. BRASWELL COLLINS
ATTORNEY AT LAW
THE ARLINGTON BUILDING
1025 VERMONT AVENUE, N. W.
WASHINGTON 5, D. C.

NATIONAL 7808

June 19, 1952

Mr. Stanley A. Fietler
Non-Metallic Minerals Division
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Fietler:

It is respectfully requested that the exploration application for the Burke-John Mica Mine be amended so as to limit the area of ground on which the exploration shall be conducted to the following:

> All of that plot and parcel of land contained in a half circle having a radius of 500 feet. Commencing at a point on the property line due north of the lower portal of the Burke-John Mica Mine, which has two or more portals, and from this point on said property line due north of said lower portal inscribe a half circle of 500 foot radius extending toward the north and east with its base on said property line.

Thank you very much for incorporating this description in the application.

Sincerely yours,

C. B. Collins

CBC/amb

May [illegible], 1952

we, Eliza Cobb Grist and Paul L. Grist, do hereby certify that the plot and parcel of land discribed by a circle of 750 feet radius from the mouth of the mine known as the Burke-John all of said land being owned by the undersigned landlords are not now under lease to any other person or lessee.

Eliza Cobb Grist
Paul L. Grist

Phony
SF.

Burke-John Grist
Arrowhead.

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

April 28, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Bertrand L. Johnson, Acting for
W. F. Dietrich, Chief
Ceramic and Fertilizer Materials Branch

Subject: DMEA 2277, Burke John Mine, (Mica).

I concur in the field team's recommendation for revised exploration program in the amount of $5,670.

Bertrand L. Johnson (em)
Bertrand L. Johnson

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
APR 30 1952

IN REPLY REFER TO:

G-MD-JJN

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

April 18, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2277 (Mica).

To: Non-Metallic Minerals Division, DMEA.
From: J. J. Norton, U. S. Geological Survey.
Commodity: Mica.
Applicant: Burke John Mica Miners.
Name of property: Burke John.
Location of property: 3 miles N 60 W of Franklin, North Carolina.
Field team's recommendation:
Stage 1: Rehabilitate old lower adit.
Stage 2: 120 feet of drifts and crosscuts from old adit.

ACTION SUGGESTED:
Follow field team's recommendations.

J. J. Norton

J. J. Norton

# PHILLIPS & COULTER OIL COMPANY

TEXACO & FIRESTONE PRODUCTS
STUDEBAKER CARS, AND TRUCKS
PHONE 119

STUDEBAKER

SPRUCE PINE, N. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 14 1952

I, J. C. Buchanan do hereby sell and transfer all my right title and interest to John Phillips, which I now have in a lease dated the 9th day of August 1951, now held in the name of Lin Carpenter, J. C. Buchanan and N. E. Mashburn, the lessors being Elisa Cobb Grist and Paul Grist.

Term of sale are as follows:

$1500.00 Purchase Price
1000.00 Cash
500.00 Note to be paid in 90 days.

I further transfer all my right, title and interest to John Phillips in the mining machinery now owned by Lin Carpenter, N. E. Mashburn and J. C. Buchanan which includes a one-third interest in a 105 Cu. Ft. Ingersol Rand air compressor, 1 Jackhammer, approximately 1,400 feet of mining railing, 1 blasting machine and other items owned by the partners jointly in the mica mines in Macon County, North Carolina.

J. C. Buchanan (Seal)

Witness W. A. Beck

Subscribed and sworn to before me this 3 day of April 1951.

Kenneth R. McKinney
Notary Public

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

Room 13, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 14 1952

April 10, 1952

Memorandum

To: Frank E. Johnson, Chairman, DMEA Operating Committee

From: Field Team, Region VII

Subject: DMEA-2277 (mica) Burke John Mine. Macon County, N.C.

Transmitted herewith are four copies of the Field Team report on the above docket and six additional prints of the map. The Field Team concurs in the recommendations of the examiners.

There is also enclosed a bill of sale signed by J. C. Buchanan transferring his interest in the lease on the property to John Phillips.

Please also note that the lease attached to the application of the Macon Mica Miners; Docket DMEA-2467, is identical with the one attached to the Burke John Docket DMEA-2277, however, the description of the areas to be explored differs.

Benjamin Gildersleeve

Benjamin Gildersleeve, Acting
for Robert A. Laurence
Executive Officer, DMEA FieldTeam
Region VII

Wm. A. Beck

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
APR 14 1952

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

# DMEA-2277 (mica) BURKE JOHN MINE

Burke John Mica Mines
Macon County, N. C.

By

Wm. A. Beck, Mining Engineer
U. S. Bureau of Mines
*
*
Kefton H. Teague, Geologist
U. S. Geological Survey

Reviewed by
DMEA OPERATING COMMITTEE
4-18-52
(OB) (date)

April 1, 1952

On-Site Exam Rpt

Report of Field Team Examination on

DMEA-2277 (mica)

BURKE JOHN MINE -Burke John Mica Miners
Macon County, North Carolina

This mine is located 3 miles airline and 5 miles by road N.60° W. of Franklin, Macon County, N. C. It is about 1200 feet west of Poindexter Branch of Iotla Creek.

At this place numerous caved drifts, shafts, and pits occur along a N.68° W trending zone. These openings are scattered along a strike distance of more than 300 feet. At present only the northwestern most drift is accessible. This drift has explored a pegmatite along a distance of 112 feet, on the hanging wall contact and about 50 feet on the footwall contact (see attached map).

Where exposed in the drift the pegmatite varies in thickness from 12 to 21 feet. It is well zoned with kaolinized feldspathic zones adjacent to both the hanging and footwall, and a massive quartz core in the center. The quartz core where examined ranges in thickness from 4 to 12 feet with a corresponding thinning and thickening of the feldspathic zones. The feldspar is too severely weathered to permit determination of its variety. Mica occurs along both contacts of the pegmatite with the mica gneiss wall rock; however, the mica examined along the footwall appears to occur only in small sizes. The mica shoot mined from the accessible drift on the hanging wall varies in thickness from 3 to 5 feet and appears to be about 50 feet in length. It has been stoped up the dip to the "grass roots." Drag folds in the wall rock plunge about 60° SE, which appears to be the rake of the mica "shoot." Strike of the pegmatite is N. 68° W and dip is 60° SW.

Mica examined from the pegmatite is ruby colored, hard, clear, and splits well. Some of it is ruled and cracked. Size of the mica is unknown.

From the distribution and amount of openings it would appear that another concentration of mica occurs approximately 120 feet northwest of the lower drift; however, there are no accessible openings to verify this theory.

The lower drift shown on the attached map is inaccessible. It is reported to be from 240 to 280 feet in length, but there is no pegmatite material in the dump to indicate that the pegmatite was cut by this drift. From the direction that it starts underground it would appear that it runs parallel to the pegmatite, but is from 10 to 40 feet from it in the hanging wall.

The Field Team believes that this deposit justifies exploration. It is recommended that the caved portal of the lower drift be cleared with a bulldozer, and the drift be cleaned out and reconditioned where necessary. At the conclusion of this phase, the drift should be surveyed and the position of its heading established, especially in relationship to the probable down plunge extension of the mica shoot mined from the accessible upper drift. A drift or crosscut should then be extended to intersect and explore this mica shoot. Also the possible mica concentration between the portal of the upper and lower drifts should be explored by a short crosscut and drift from the lower drift.

ESTIMATED COST:

STAGE 1: To consist of bulldozing to prepare drift portal (approx. 600 cu. yds.) and clean out and recondition 240-280(?) feet of drift.

Fixtures and Improvements

None

Operating Equipment

To be rented:

| | |
|---|---|
| 1 - Bulldozer*, 30 hrs @ $10/hr | $300.00 |

To be purchased:

| | |
|---|---|
| Timber, 4000 bd.ft. @ $60/M | 240.00 |
| Mine rail **, 350 ft. @ $1/ft. | 350.00 |
| Mine car | 150.00 |
| Hand tools, miscellaneous | 100.00 |

Labor and Supervision

| | |
|---|---|
| 1 - Working foreman, 40 shifts @ $1.50/hr. | 480.00 |
| 2 - Laborers, 40 shifts @ $1/hr. | 640.00 |
| Insurance, Social Security, etc. | 200.00 |

Rehabilitation and Repairs

None

Stage 1, estimated total cost..... $2,460.00

* Rental to include operator, fuel, oil, and repairs.

** Additional rail will be required, but operator will supply it without cost to the project.

STAGE 2: To consist of approximately 120 feet of new drifts and crosscuts:

Estimated Cost:

Fixtures and Improvements

None

Operating Equipment

To be rented:

| | |
|---|---|
| 1 - 105 Compressor * 2 mos. @ $175/mo. | $350.00 |
| 1 - Jackhammer drill with column and arm, 2 mos. @ $60/mo | 120.00 |

To be purchased:

| | |
|---|---|
| Dynamite and exploders | 375.00 |
| Drill steel and bits | 200.00 |
| Pipe, 350 ft. @ 30¢ per ft. | 105.00 |
| Gasoline and oil | 125.00 |
| Miscellaneous | 165.00 |

Labor and Supervision

| | |
|---|---|
| 1 - Working foreman, 40 shifts @ $1.50/hr. | 480.00 |
| 1 - Miner, 40 shifts @ $1.25/hr. | 400.00 |
| 2 - Laborers, 40 shifts @ $1/hr | 640.00 |
| Insurance, Social Security, etc. | 250.00 |

Rehabilitation and Repairs

None

Stage 2, estimated total cost..... $3,210.00

$76.58 3/

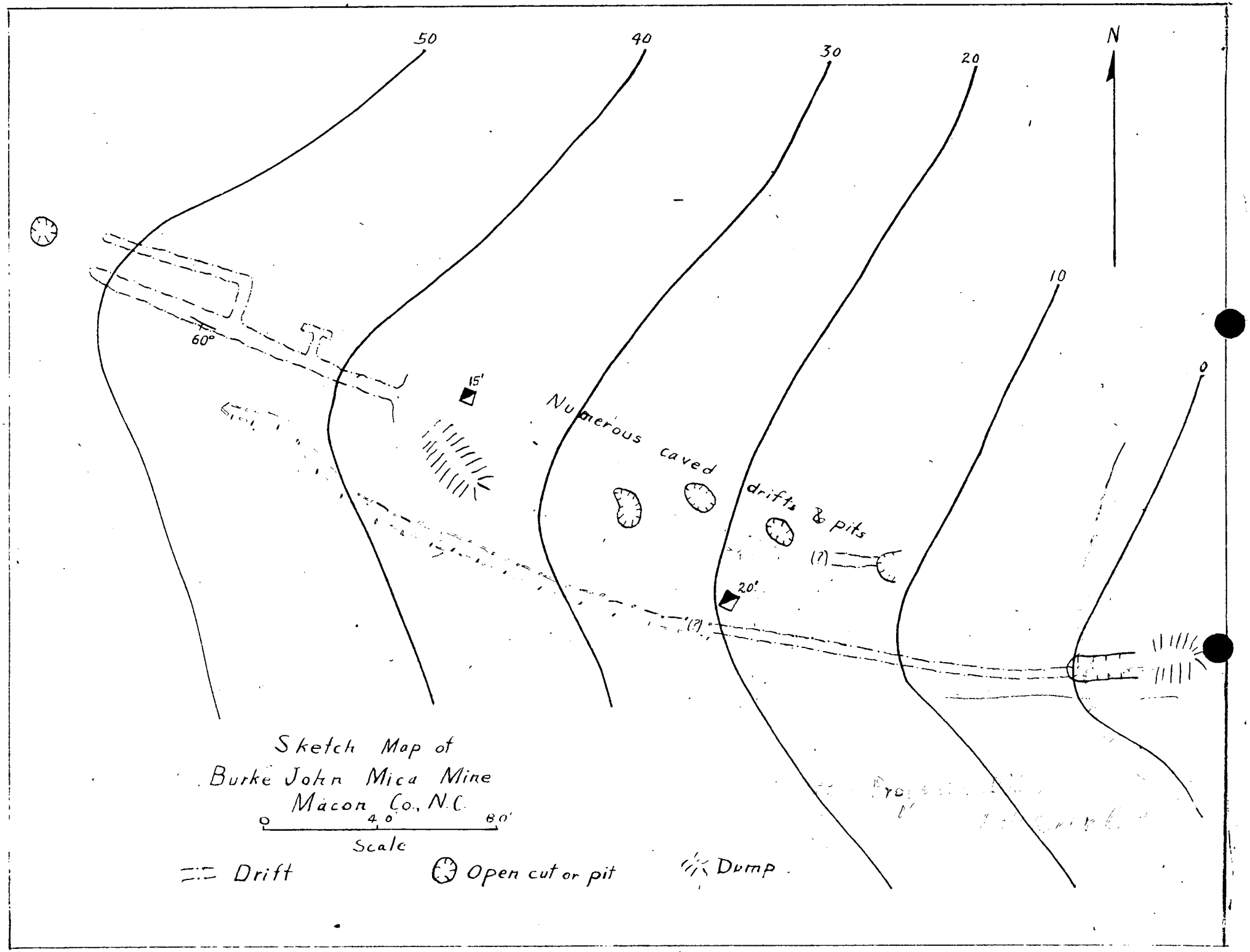
* Rental cost does not include gasoline and oil, but includes repairs.

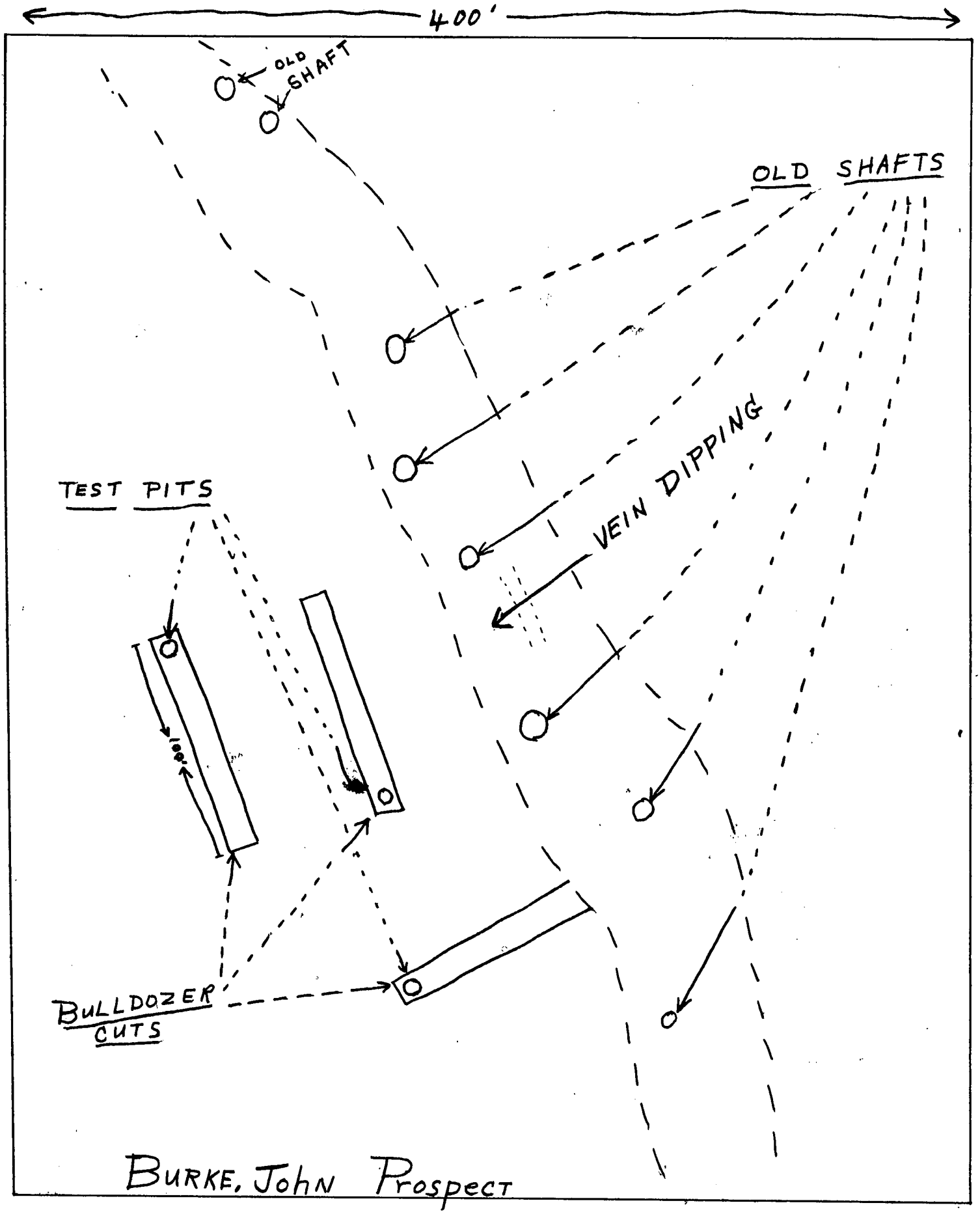
Estimated total costs of Stages 1 and 2 $5,670.00

April 1, 1952

Wm. A. Beck, Mining Engineer

K. H. Teague, Geologist


50
40
30
20
10
0
N
60°
15'
20'
(?)
(?)
Numerous caved drifts & pits
Sketch Map of
Burke John Mica Mine
Macon Co., N.C.
0
40'
80'
Scale
Drift
Open cut or pit
Dump


400'
OLD SHAFT
OLD SHAFTS
VEIN DIPPING
TEST PITS
100'
BULLDOZER CUTS
BURKE, JOHN Prospect

Docket No. DMEA-2277 - Mica
Burke John Mica Miners
Macon County, North Carolina

Notes from letter by Dr. Richard H. Jahns, on examination of Burke John Mica Mine made during World War II.

"Mine worked prior to 1905 or 1906.
No data on production.
Numerous shallow shafts and adits.
(upto 30 feet in depth and length).
One adit 240 feet to 280 feet, from south east end reaches under old workings. No data available as to what showed in this adit.
Dike up to ~~show~~ 15 to 20 feet in width.
Mica clear and medium brown in color, books are small.
Caved conditions prevent satisfactory appraisal of commercial possibilities."

FILE COPY
SURNAME:

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

MAR 1 0 1952

600

Chapman
Houk
Rulhman for W.F.D.
Norton
Johnson

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region VII
Room 13, Post Office Building
Knoxville 1, Tennessee

Subject: Docket No. DMEA-2277 - Mica
Exploration Loan
Burke John Mica Mine
Mason County, N. C.

Dear Mr. Laurence:

We enclose application for exploration assistance with additional notes from a letter by Dr. Richard H. Jahns on the:

Burke John Mica Miners
Mr. Lin Carpenter, Manager
Spruce Pine, North Carolina

Please expedite the consideration of this application.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

(JHB)

S.N.
3-10-52

Approved:

J. H. Hedges (JHB)
For Bureau of Mines

T. P. Thayer (JHB)
For Geological Survey

TLChapman:mp
3/4/52
cc: Adm. Reading File
Docket File
Mr. Dietrich, Rm 3526
Mr. Norton, G-228, GSA Bldg.
Mr. Houk

Enclosures

Docket No. DMSA-2277 - Mica
Burke John Mica Mines
Mason County, North Carolina

Notes from letter by Mr. Richard H. Jahns, on examination of Burke John Mica Mine made during World War II.

"Mine worked prior to 1905 or 1906.
No data on production.
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(upto 30 feet in depth and length).
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Dike show 15 to 20 feet in width.
Mica clear and medium brown in color, books are small.
Caved conditions prevent satisfactory appraisal of commercial possibilities."

FILE COPY
SURNAME:

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

MAR 10 1952

600

Chapman
Hall
Rathbun for W.F.D.
Norton
Anderson
Tracy
E. Johnson

Mr. Lin Carpenter, Manager
Burke John Mica Mines
Bruce Pine, North Carolina

Subject: Docket No. DMRA-2277 - Mica
Exploration Loan
Burke John Mica Mine
Macon County, North Carolina

Dear Mr. Carpenter:

Your application for assistance in exploring the Burke John Mica Mine, Macon County, North Carolina, has been reviewed by the Staff of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Lawrence, Executive Officer, DMRA Field Team, Region VII, Room 13, Post Office Building, Knoxville 1, Tennessee, for field examination.

The Regional Office will contact you at an early date in regard to your project.

Sincerely yours,

C. O. Mittendorf (for) S.N. 3-10-52

Acting Administrator
Defense Minerals Exploration
Administration

WJChapman:mp
3/4/52
cc: Adm. Reading File
Field Team, Region VII (2)
Mr. Norton, C-228, GSA Bldg.
Mr. Dietrich, Rm 3526
Docket File
Mr. Houk

February 13, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2277: Mica: Burke John Mica Mineral

It is recommended that a field team investigation be made. Samples from this prospect were reported by the United States Geological Survey to be of high quality for capacitor use, but there is no production history. Applicant's plan of exploration seems feasible, subject to approval or revision by the field team.

Signed

W. F. DIETRICH

WFDietrich/em

Copy to: Ceramic and Fertilizer Materials Branch
Minerals Division
F I L E S
Mr. Houk

c
o
p
y

CALIFORNIA INSTITUTE OF TECHNOLOGY
PASADENA

Geological Sciences

February 12, 1952

Mr. Donald H. Kupfer
Mineral Deposits Branch
U. S. Geological Survey
Washington 25, D. C.

Dear Don:

Here are a few remarks on the Burke John mine, in reply to your letter of several days ago.

The Burke John (N. L. Barnard) mine, which is about 1/4 mile south of the Iotla Bowers mine, is 3.1 airline miles N. 60° W. of Franklin, Macon County, North Carolina. The workings are on the west side of Poindexter Branch, and extend for 1,000 feet N. 70° W. from the edge of a field to the top of the ridge. They consist of short caved adits, shafts, and pits, none of which appears to have been more than 30 feet deep. At the southeast or lowest end of the mine area, however, is an adit reported to be 240 to 280 feet long, but this working is caved 50 feet from its portal. The mine was last operated by N. L. Barnard in 1905 and 1906/

The country rock, a weathered quartz-mica gneiss, encloses a discordant pegmatite body that strikes N. 70° W. and dips 45° south-southwest to vertical. The pegmatite-wall rock contacts are poorly exposed, but the dike may be as much as 15 or 20 feet thick in some places. Most of the pegmatite is a fine-grained aggregate of kaolinized feldspar, granular quartz, muscovite, and garnet. A quartz core, 1 to 2 feet thick, appears to be centrally disposed but segmented. The most coarsely crystalline muscovite occurs along the margins of the core segments. The mica is clear and medium brown in color, but most of the books are small. The caved condition of the workings prevents a satisfactory appraisal of the commercial potentialities of the deposit.

This is the works, Don, so far as my files are concerned. I hope that it is of some help.

Best regards.

Sincerely,

(sgd.) Dick

RHJ:fw

Richard H. Jahns

February 20, 1952

Non-metallic Minerals Division

Donald H. Kupfer

Burke John Mica Miners
2277

Burke John

[illegible] $\frac{1}{4}$ mile south of Iotla Bowers mine and 3.1 airline miles N. 60° W of Franklin, Macon County, North Carolina

[illegible]

[illegible]

( see attached )

Copy to: [illegible] Branch, [illegible]
[illegible]
Norton, C-210, GS Bldg.

Donald H. Kupfer

Burke John Mica Miners, DMEA-2277

14. The proposed plan of exploration is based on the assumption that "the pegmatite dyke lies in a plane parallel with the surface grade." In other words the applicants assumed a dip slope. The property was examined by a member of the U. S. Geological Survey during the last war and the pegmatite strikes N 70° W and dips 45 to 90 degrees southwest as exposed in numerous shafts, adits, and pits up to 30 feet deep. This dip is confirmed by the position of an adit that is 240 to 280 feet long and under the above workings.

The proposed plan of exploration does not appear likely to make a discovery or uncover extensions of the known pegmatite.

LIN M. CARPENTER

Lin M. Carpenter was born November 3, 1897, in Spruce Pine, North Carolina, and has lived there all of his life. His father, Jess E. Carpenter, a jeweler, was one of the early settlers of this area.

Mr. Carpenter finished the seventh grade at Spruce Pine, North Carolina, and has been unable to attend school beyond that grade.

In 1910 he worked as a mining hand for his father in several mica and feldspar mines around Spruce Pine. In 1912 he first became familiar with the characteristics of mica in his employment at the J. E. Burleson Mica Company, Spruce Pine, North Carolina, where he carried sheeted mica to the punch machines, and prepared fabricated mica for shipment. He had been with this company for only two years when he was made supervisor of the plant having under his immediate direction one hundred ten persons who sheeted and punched mica. He retained that position until 1919.

His next employment was with the Spruce Pine Mica Company, Spruce Pine, North Carolina, (1919) where he was employed as mica buyer and general manager. He retained this position for twenty-two years which afforded him the opportunity to become very familiar with the value, grade, the physical characteristics and dialectic properties of mica used in the electronics and electric appliance industry.

At the commencement of World War II he and Mr. John Phillips formed a partnership, "Carpenter and Phillips Mica Company" and established a business of fabricating mica, by hydraulic punch methods. Mr. Carpenter is the general manager;'that is, the operation of this business is under his immediate control, and he personally buys the domestic and foreign mica in book and sheeted form which is the raw material for this plant.

Mr. Carpenter, due to his forty years experience in the purchase of mica and the supervision of mica sheeters and punch operators is considered by many to be the most qualified man to judge the quality of mica, and what probably is more important is his ability to render a large quantity or percentage of sheet mica from mica ore or books.

JAMES C. (CORBE) BUCHANAN

"Corbe" Buchanan was born June 14, 1894, in Mitchell County, North Carolina, and has lived in Spruce Pine, and its vicinity for the major portion of his life. He is married, and has five children who reside with him at his home in Spruce Pine.

His formal education consists of the completion of the Tenth grade at Harris High School in Spruce Pine, North Carolina, in 1912. His inability to attend school beyond this point has not inhibited his business success.

In 1912, at the age of fourteen, he was employed by the J. E. Burleson Mica Company as a rifter and sheeter of mica. In 1918 he obtained a slight raise in salary in his employment by the Universal Mica Company also located in Spruce Pine, North Carolina, as a rifter and sheeter, which job he held until 1922.

In 1922 the Creelman Mica Company, Waynesville, North Carolina, employed him as supervisor of twenty employees that sheeted book mica. This company became insolvant in 1923, and Mr. Buchanan began mining mica and feldspar as an individual.

Some of the mines which he has recently mined are listed below:

Jimmy Cut Mine on the property of
Mrs. Bunny Wiseman,
Mitchell County, North Carolina

Henry Young Mine
Cleveland County, North Carolina

George Young Mine
Catawba County, North Carolina

Bowen Mine
Cleveland County, North Carolina

In 1940 the Custer Mining Company of Custer, South Dakota, employed Mr. Buchanan as foreman of its sheeters and rifters. His immediate superiors were Mr. Edwin Wray and Mr. Ray Sharpe. He held this position until Colonial Mica Company employed him as a mica buyer in 1941, at which time, he returned to Spruce Pine, North Carolina, where he bought mica under the direct supervision of Mr. B. C. Burgess. His salary was $300 per month plus expenses. His ability as a mica buyer, and the satisfaction of his superiors in him is evidenced by the fact that he was not discharged from his position until the mica buying program was terminated in 1945.

Since 1945 Mr. Buchanan has mined several properties for feldspar and mica in and around Spruce Pine, North Carolina. Within the past few years he has established himself in business as owner of the "Army Surplus" store in Spruce Pine, North Carolina and the owner of pool halls in Irwin, Tennessee, Bristol, Virginia, Elk Park, North Carolina, and Spruce Pine, North Carolina.

## N. E. MASHBURN

N. E. Mashburn was born on a farm near Franklin, North Carolina in 1904. His father was one of the early mica miners of this area, having produced commercial quantities of mica before the turn of the century. "N. E." has known mica all his life.

He completed the 10th grade in high school, at which time, due to his father's health, he found it necessary to help supplement his father's income by devoting his time in the wintertime working in mines as a mucker, and in the summer months as a farm hand.

Mr. Mashburn is now married and he lives with his family on a small farm just a few miles outside Franklin.

Because of his many years mining experience and his desire for safe mining operations, he has no difficulty in obtaining mining employees for the operations he supervises.

REFERENCES:

William B. McGuire, Jr.
Attorney at Law
Duke Power Co. Bldg.
Charlotte, North Carolina

Paul L. Grist
Franklin
North Carolina

Subject: DMEA-2277
Re: Exploration Loan
Burke John Prospect

Mr. Lin Carpenter, Manager
Burke John Mica Miners
Spruce Pine, North Carolina

My dear Mr. Carpenter:

This will acknowledge receipt of your application dated December 1, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2277 and referred to the Non-Metallics Branch.

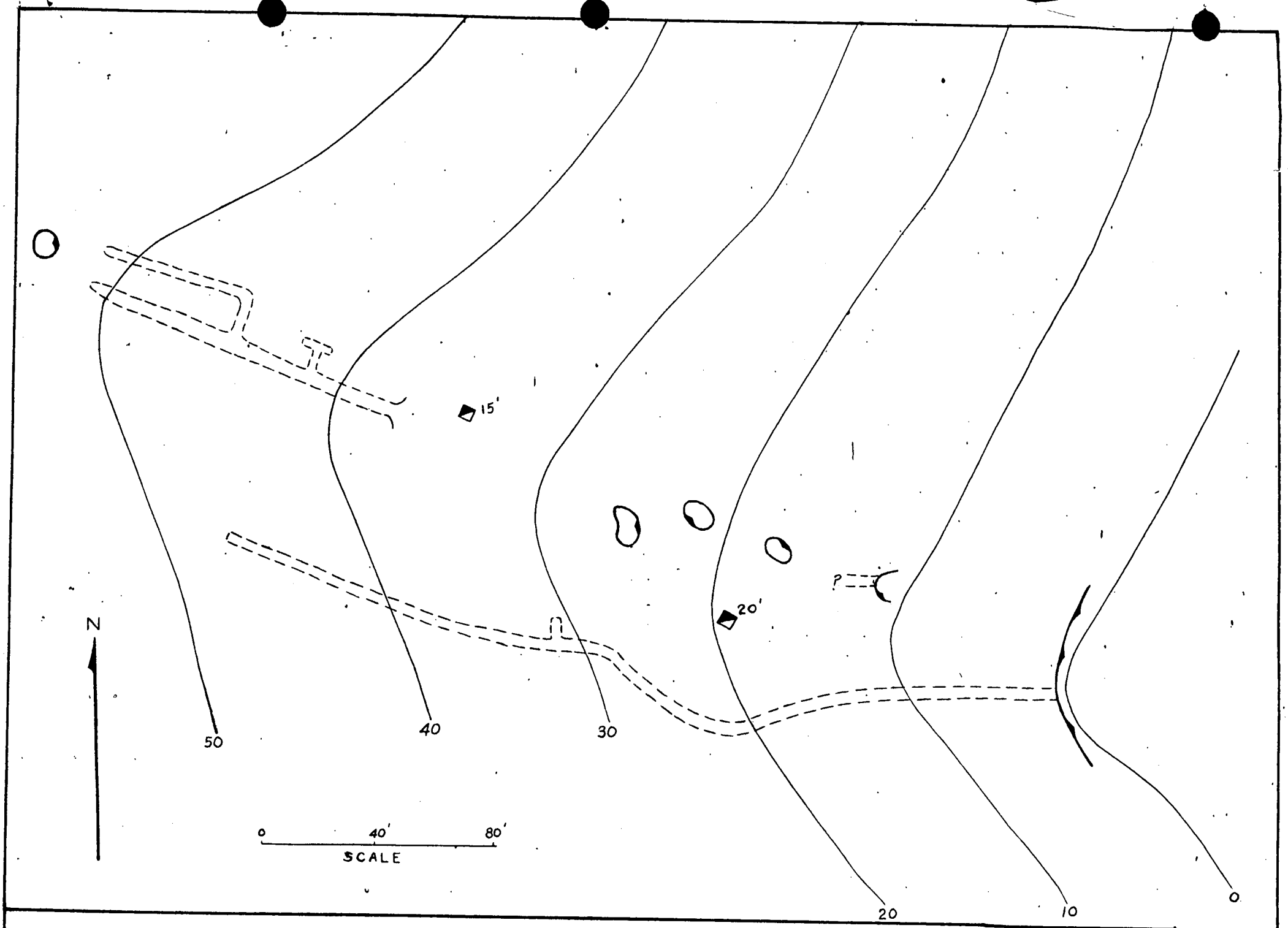
Kindly refer to DMEA-2277 in any future correspondence relating to your application.

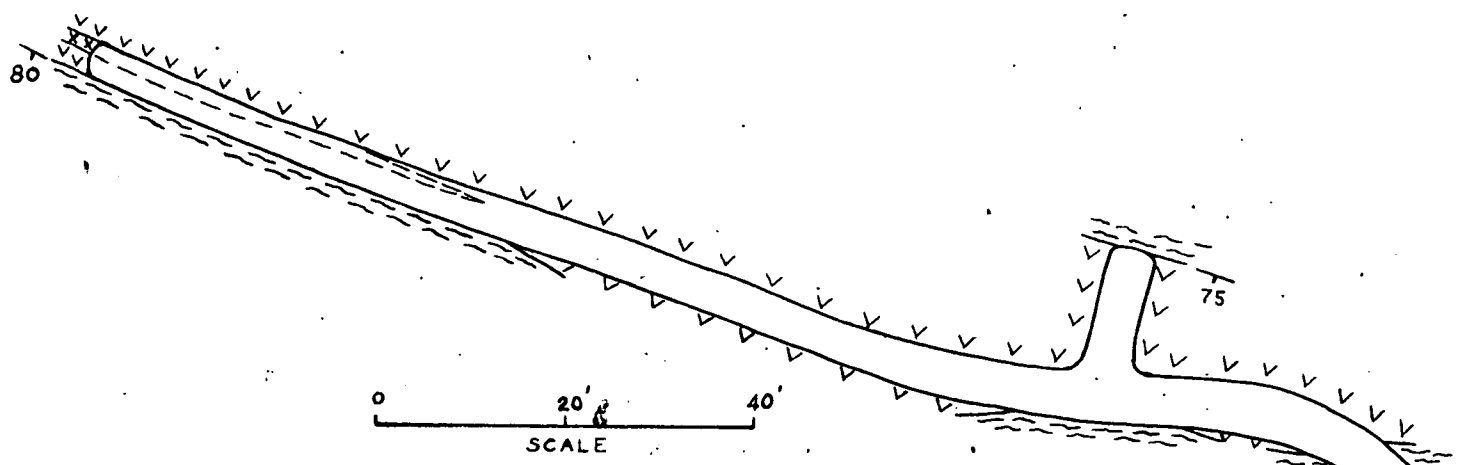
Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862




PLAN OF DRIFT

SKETCH OF
# BURKE-JOHN MINE
MACON CO., N.C.

DMEA-2277 (mica)