☑ Audited

☐ Certified

WORK ANALYSIS SHEET - DMEA PROJECT

Analysis as of 12-9-54

Incl. Voucher for Feb and Mar. 1954

☐ Actual Cost

☑ Agreed Unit Costs

Name Macon Mica Mines

Docket No. 2467

State North Carolina

Commodity Mica

Idm-E No. 469

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	80	2640.00	80	2640.00	2640.00
Raising					
Shafts	40	1920.00	40	1920.00	1920.00
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation		640.00		640.00	640.00
New Building, Improvements, etc.					
Other (Specify)					
Totals		5200.00		5200.00	5200.00

Prepared by [signature]

71626

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Lin M. Carpenter, James C. Buchanan & N. E. Washburn
d/b/a Macon Mica Mines
Franklin, North Carolina

pertaining to Exploration Project Contract No. Idm-2469, Docket No. DMEA-2467, including Amendment Nos. 1, 2 and 3, for the months of May, 1953 to August, 1953, inclusive, covering a project for the exploration of mica on property, known as Washburn Prospect, located in Macon County, North Carolina.

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

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

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

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

Total cost as billed by Contractor		$5,200.00
Exceptions:		
By DMEA Finance Officer	$ - 0 -	
Herewith	- 0 -	- 0 -
Total Accepted Cost		$5,200.00

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 Four thousand six hundred eighty and no/100 Dollars,

"$4,680.00"

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

E. D. Talbert

May 11, 1954

E. D. Talbert, Auditor

Division Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

AMENDMENT No. 3

Contract Docket No. DMEA-2467, Idm-E 469, dated 22nd December 1952, between the UNITED STATES OF AMERICA and LIN CARPENTER and JAMES C. BUCHANAN, both of Spruce Pine, North Carolina, and N. E. MASHBURN, of Franklin, North Carolina, partners d/b/a MACON MICA MINERS, Franklin, N. C., is hereby amended as follows:

1. Article 3 is amended to read ".....; and shall bring the project to completion within a period of eighteen (18) months from date of this contract...." instead of twelve (12) months as written in amendment No. 2.

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 4 of the contract form.

Dated: December 21, 1953.

MACON MICA MINERS, INC.

By N. E. Mashburn
Partner

By Lin Carpenter
Partner

By James C. Buchanan
Partner

THE UNITED STATES OF AMERICA

By Robert A. Lawrence
Executive Officer, DMEA-Region VII

SM

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 16 1953
Division Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

AMENDMENT No. 2.

Contract Docket No. 2467, Idm-E469, dated 22nd December 1952 between the UNITED STATES OF AMERICA and LIM CARPENTER and JAMES C. BUCHANAN, both of Spruce Pine, North Carolina, and N. E. MASHBURN of Franklin, N. C. partners, d/b/a MACON MICA MINERS, Franklin, N. C. 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 nine (9) months as written in Amendment No. 1 dated May 15, 1953.

This amendment is necessary due to a break down of the machinery at the mine.

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 4 of the contract form.

Sept. 17, 1953.

MACON MICA MINERS, INC.

By Lim Carpenter
Partner

By James C. Buchanan
Partner

By N. E. Mashburn
Partner

THE UNITED STATES OF AMERICA

By Robert A. Lawrence
EXECUTIVE OFFICER
DMEA REGION VII

EM

United States
Department of the Interior
Defense Minerals Exploration Administration

CONTRACT AMENDMENT No. I

Contract Docket No. 2467, Idm-R469, dated 22nd December 1952, between the UNITED STATES OF AMERICA and Lin M. Carpenter and James C. Buchanan, both of Spruce Pine, North Carolina, and N. E. Mashburn of Franklin, North Carolina, partners d/b/a MACON MICA MINERS, Franklin, N. Ca, is hereby amended as follows:

1. Article 3 is amended to read,".....; and shall bring the project to completion within a period of nine (9) months from the date of this contract....." instead of five (5) months as written in the original contract.

This amendment is necessary because inclement weather and difficulty in getting the proper equipment to the mine retarded 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 4 of the contract form.

Dated; May 15, 1953

MACON MICA MINERS, INC.

BY N E Mashburn
Partner

By John Philyaw
Partner

By Lin Carpenter
Partner

THE UNITED STATES OF AMERICA

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

xxx.

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 467

COMMODITY Mica

Division Copy
IDE-E 469

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1953

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 22nd day of December, 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 M. Carpenter and James C. Buchanan, both of Spruce Pine, North Carolina, and N. C. Mashburn of Franklin, North Carolina, partners d.b.a Macon Mica Miners, Franklin, North Carolina, c/o N. C. Mashburn, General Delivery, Franklin, North Carolina

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 the mineral rights in that certain land situated in the State of North Carolina, County of Macon, described in Annex I

the Operator represents and undertakes:[4]

(*a*) ~~That the Operator is the owner in possession and entitled to possession, and the Owner's Consent to Lien 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 60 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 5 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. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. 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 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 90 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $4680.00, which is 90 percent of $5,200.00 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 check or 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. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed 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 units of work performed 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.

[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*) *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 the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, 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 and statement of work performed to accompany his final report.

ARTICLE 6. *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 the 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 7. *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 8. *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.

ARTICLE 9. *Changes and added provisions* _____

_____

_____

_____

_____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

MAGON MICA MINERS
(Operator)

By M E Mashburn
Sam L. Phillips
Lin Carpenter

By C. D. Whittenburg
Administrator, Defense Minerals Exploration Administration

Atty Hoffman
Hoff
Chamber

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

_____ [CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

MACON MICA MINERS
EXPLORATION PROJECT CONTRACT
DOCKET NO. DMEA-2467

EXHIBIT "A"

Description of the Work

The location, direction, and extent of the work described below are to be specified by the Government.

Trim to 5' x 7' cross-section, recondition, and timber the existing 40' shaft indicated on the attached map described in Annex I. Deepen this shaft, 40' also 5' x 7' in cross-section. Crosscut, if necessary, and drift along the pegmatite a total of 80' from the bottom of the shaft. The level work is to be approximately 5' x 6' in cross-section.

AGREED ESTIMATED COSTS

Trim, recondition, and timber existing shaft - 40 ft. @ $16.00/ft.	$ 640.00	
Deepen shaft - 40 ft. @ $40.00/ft. (exclusive of timber)	1,600.00	
Timber shaft with 2" cribbing - 40 ft. @ $8.00/ft.	320.00	
Drift and Crosscut 80 ft. @ $33.00/ft.	2,640.00	
Total Cost of the Project		$5,200.00
Government Participation @ 90%		$4,680.00

MACON MICA MINERS
EXPLORATION PROJECT CONTRACT
DOCKET NO. DMEA-2467

ANNEX I

The property referred to in Article 2 and on which the exploration is to be conducted is described as follows:

Beginning at the collar of the shaft marked "40'" on the map attached hereto and made a part hereof and entitled "Mashburn Prospect, Macon Co., N. C. - DMEA-2467"; thence 160 feet N 56° W to the property line and point of closure; thence along the property line 202 feet N 40° E; thence 380 feet S56° E; thence 400 feet S34° W; thence 420 feet N. 56° W; thence along the property line 202 feet N. 40° E. to the point of closure, being 3.7 acres more or less. The mica mining privileges to this land were obtained by the Operator under a lease dated August 9, 1951 from Eliza Cobb Grist and Paul Grist covering land of which the above is part. The land is described in the above lease as being situated on the waters of Iotla Creek in Macon County, North Carolina, and consisting of all the lands described in a deed from J. Frank Ray, Trustee, to M. D. Billings, dated September 15, 1923, and registered in the office of the Registrar of Deeds for Macon County, in Deed Book J4, page 229; and also all the lands described in a deed from N. L. Bernard and wife to Mrs. T. O. Havener and M. D. Billings, dated January 20, 1917, and registered in the office of the Registrar 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 April 24, 1919, and registered in the office of the Registrar of Deeds for Macon County, in Deed Book I-4, page 270.

DMEA 2467

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/ Lin M. Carpenter and James C. Buchanan of Spruce Pine, and N. E. Mashburn of Franklin, N. C.

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/ $ 7,000.00, 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.

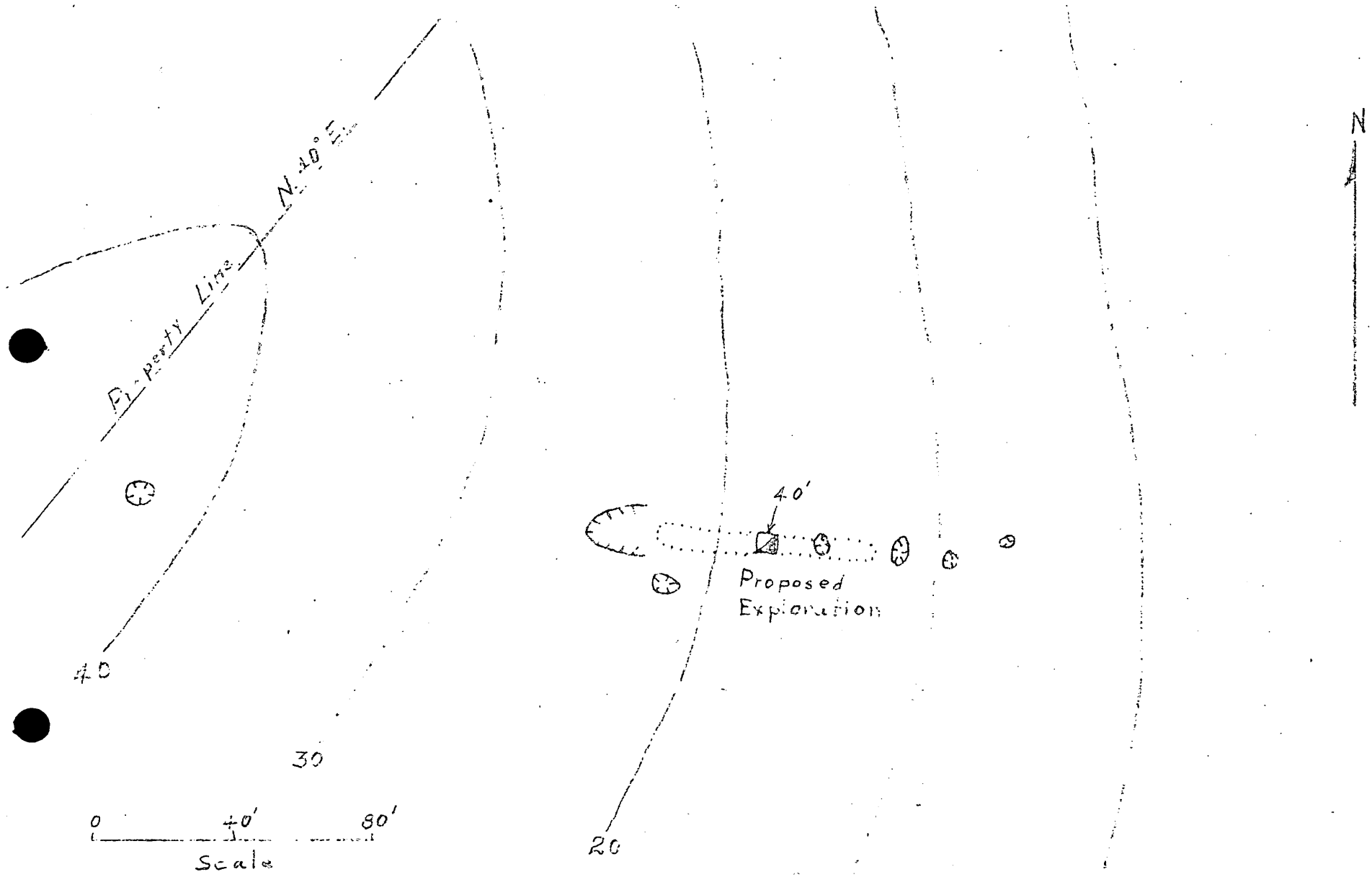
Dated this 2nd day of December, 1952.

Edna Cobb Grist

Paul L. Grist

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.



MASHBURN PROSPECT
Macon Co., N.C.
DMEA - 2467

March 12, 1952

I, J. C. Buchanan do hereby sell and transfer all my rights title and interest to Sam 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

$1,500.00 Purchase price
1,000.00 Cash
500.00 Note to be paid in 90 days.

I further transfer all my right, title and interest to Sam 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 Jack-hammer, approximately 1,400 feet of minin railing, 1 blasting machine and other items owned by the partners jointly in the mica mines in Macon County, North Carolina.

Sam L. Phillips owns one-fourth interest in two explorations now pending on property mentioned above and I hereby transfer my one-fourth interest in said exploration contracts to Sam Phillips.

_____(SEAL)

Witness

_____

March 12, 1952

I, J. C. Buchanan do hereby sell and transfer all my rights title and interest to Sam 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 Elias Cobb Grist and Paul Grist.

Term of sale are as follows

$1,500.00 Purchase price
1,000.00 Cash
500.00 Note to be paid in 90 days.

I further transfer all my right, title and interest to Sam 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 Jack-hammer, 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.

Sam L. Phillips owns one-fourth interest in two explorations now pending on property mentioned above and I hereby transfer my one-fourth interest in said exploration contracts to Sam Phillips.

(SEAL) _____

Witness

_____

COPY COPY

March 12, 1952

I, J. C. Buchanan do hereby sell and transfer all my right title and interest to Sam 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:

$1,500.00 Purchase price
1,000.00 Cash
500.00 Note to be paid in 90 days.

I further transfer all my right, title and interest to Sam 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 minin railing, 1 blasting machine and other items owned by the partners jointly in the mica mines in Macon County, North Carolina

Sam L. Phillips owns one-fourth interest in two explorations now pending on property mentioned above and I hereby transfer my one-fourth interest in said exploration contract to Sam Phillips.

Witness: s/ J. C. Buchanan (Seal)

s/ J. M. Ellis

Copied
by zm.
1-2-53

Mr. N. E. Mashburn
Macon Mica Miners
Franklin, North Carolina

Re: Docket No. DMEA-2467 - Mica
Macon Mica Miners
Mashburn Prospect
Macon County, North Carolina
Contract No. Edm-2469

Dear Mr. Mashburn:

We are pleased to advise you that your performance of exploration work under the subject contract has been acceptable to the Government, and the account relating thereto has been closed. The final audited and settled account shows:

Total claimed for units of work performed	$5,200.00
Total Government contribution at 90 percent	$4,680.00

Your attention is called to the provision of the contract which requires you to keep and preserve your records and accounts of this transaction for a period of three years for possible future reference.

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the exploration contract. In the absence of such certification, the Government retains no claim or lien against the property or any production therefrom.

The Government is grateful for your participation in the exploration program of the Defense Minerals Exploration Administration.

Sincerely yours,

C. O. Mitteadorf

Administrator

WCAnderson:gad 6/18/54
Copy to: Admr. R. File
Docket File
Mr. Dietrich, 3061
Mr. Larrabee, G-232 GSA Bldg.
Mr. Chambers
Field Team, Region VII
Mr. Houk

Paul L. and Eliza Cobb Grist (attached to Region VII copies forwarding).

Project Summary Report

By: Walter C. Anderson June 18, 1954

1. Docket No. DMEA-2467 - Mica
   Contract No. Idm-E469
   Mashburn Prospect
   Macon County, North Carolina

   Operators: Macon Mica Miners
   c/o N. E. Mashburn
   Franklin, North Carolina

   Operator's property rights:
   Lease and option dated August 9, 1951
   Owner's Consent to Lien dated December 2, 1952

2. Contract - dated December 22, 1952

   Work authorized:

Recondition 40 feet of shaft @ $16.00/ft.	$ 640.00
Sink 40 feet of shaft @ $40.00/ft.	1,600.00
Timber 40 feet of shaft @ $8.00/ft.	320.00
Drive 80 feet of drift and crosscut @ $33.00/ft.	2,640.00
Total cost of project	$5,200.00
Government participation @ 90%	$4,680.00

   Amendments:
   No. 1, 5/15/53 - Extends completion date from 5 mos. to 9 mos.
   No. 2, 9/17/53 - Extends completion date from 9 mos. to 12 mos.
   No. 3, 12/21/53 - Extends completion date from 12 mos. to 18 mos.

   Work completed: Same as authorized.

   Work began on May 11, 1953, and was completed on March 19, 1954.
   Field Team Final Report received April 28, 1954.
   Operator's Final Report received April 30, 1954.

3. Audit - certificate issued May 11, 1954 (no exceptions).

Accepted cost	$5,200.00
Government participation	$4,680.00

4. Certification of discovery - none issued.

5. Comments:

How conducted - Work was done efficiently and according to good mining practice.

Operation - good.

Engineering - Narrative portion of Operator's reports were inadequate.

Geological premise - The premise that the pegmatite would continue was not substantiated by the exploration work since it pinched out immediately in each of two opposite directions from the bottom of the shaft and the mica found was not of strategic quality.

Geological criteria on which work was based:

1. Nearly vertical conformable pegmatite enclosed by biotite gneiss ranging in thickness from 18 inches to 6 feet.
2. Occurrence of strategic quality mica up to 4 inches in diameter.

Criteria developed during project:

1. Two pegmatites:
   (a) Zoned pegmatite which thinned from 7 feet to 1 foot containing small and poor quality mica.
   (b) Conformable pegmatite 6-18 inches thick containing only "burr mica".
2. No production during operation.

Future possibilities: Remote for occurrence of strategic mica.

Recommendations:

The Nonmetallic Minerals Division concurs with the field team that a certification of discovery should not be issued nor is additional exploratory warranted. The Geological Survey and the Bureau of Mines are in agreement.

WCAnderson:gad 6/18/54
Copy to: Admr. R. File
Mr. Houk

F-104 (Rev.)
(ril 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

FINAL REPORT

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Feb. and March 4 195 Docket No. DMEA 2467 Contract No. Idm-E469
Operator's Name Lin Carpenter, James C. Buchanan & N. E. Mashburn Minerals Mica
Address c/o Lin Carpenter, Spruce Pine, N. C.
Contract Amount, $ 5200.00 Government Participation: 90 % Amount, $ 4,680.00

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	1584.	1056.00	2640.00			
Drifting		2240.00	2240.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Timbering		320.00	320.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1584.00	3616.00	5200.00	1,584.00	3,616.00	5,200.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-67

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

Date May 20, 1954 *Payee Lin Carpenter, James C. Buchanan, & N. E. Mashburn Partner

Per Lin Carpenter Title

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

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

(Instructions on reverse)

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

$ 1,425.60

Signature Cora A. Pajer
(Authorized Certifying Officer)

Date JUN 1 1954 Vou. No. 295
(See other side)

158.40

(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. Idm-E 469 in accordance with the terms of the contract.

Signature Laurence E. Shirley Title Mining Engr. U.S.B.M. Date May 24, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title DMEA REGION VII EXECUTIVE OFFICER Date MAY 27 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

m MF-104A
(April 1952)

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

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 Feb. & March 1954 Docket No. DMEA 2467 Contract No. Idm-E469
Operator's Name Lin Carpenter, James C. Buchanan & N. E. Mashburn Minerals Mica
Address c/o Lin Carpenter, 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.	1584.00	48	2640.00	80	2640.00	80	33.00
Crosscutting								
Raising							40	16.00
Shafts	Ft.			2240.00	80	2240.00	40	40.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Timbering	Ft.			320.00	40	320.00	40	8.00
TOTAL DISTRIBUTED COSTS		1584.00		5200.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS		1584.00		5200.00				

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 20, 1954 Operator Lin Carpenter, James C. Buchanan & N. E. Mashburn

Per Lin Carpenter Title Partner
Lin Carpenter

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, 1954

DMEA No. 2467

Work Accomplished:

Got hoist in running condition and took in supplies including dynamite, caps, powder and gasoline. We then began drifting, advancing 39 feet. Very little mica has been contacted in the vein. The vein seems to be narrowing up the hill.

Daily Notes:

February 8-12	Got hoist in running condition, took in necessary supplies, bailed out water.
February 15-19	Began drilling on vein, bailing out water each morning.
February 22-26	Bailed out water each morning, drilled mucked, and did some shooting.

COPY

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of March, 1954

DMEA No. 2467

COPY

Work Accomplished

We have continued drifting advancing 24 feet for the month of March.

Daily Notes

March 1 - 5	Still bailing water each morning, drilled, and mucked.
March 8 - 12	Bailed water each morning, drilled and did some shooting.
March 15 - 19	Bailed water each morning, drilled and mucked.
March 22 - 26	Bailed water each morning, drilled and mucked.

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

RECEIVED

May 7, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2467

Contract Number: Idm E-469

Applicant: Macon Mica Miners

Name and Location of Property: Mashburn Prospect
Macon County, North Carolina

Date of Field Team Final Report: April 26, 1954

Date Rec'd. by Ceramic & Fertilizer Materials Br.: May 4, 1954

Field Team Recommendation:

1. No certification of discovery or development.

Comments:

1. Exploration by 40-foot extension of 40-foot shaft and 93 feet of lateral work.

2. No strategic quality mica was encountered.

3. Total expenditures -

Total approved	$5,200
Total cost	5,200
Gov't. share of cost	4,680
Value	None

Recommendation:

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

Signed

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CBK

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

April 29, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2467 (mica)

To: L. O. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey.
Applicant: Mason Mica Miners, Franklin, N. C.
Name of property: Mashburn Prospect
Location of property: 3.5 mi. NW of Franklin, N. C.
Date of field team report: April 14, 1954.
Authorship of field team report: K. H. Teague, L.E. Shirley, and D. H. Ames.
Field team's recommendation: Termination of contract with no certification of discovery. No additional work justified.

Comments: No mica of strategic quality--all badly damaged.

ACTION RECOMMENDED: Follow field team's recommendation.

D. M. Larrabee

Copy to: DMEA (3)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SECRETARY
~~WASHINGTON, D.C.~~
Room 13, Post Office Bldg.
Knoxville 2, Tenn.

COPY

April 26, 1954

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, D M E A - Region VII

Subject: Final Report, DMEA-2467, Idm-E 469 (mica) Macon Mica Miners, Mashburn Prospect - Macon County, N. C.

Transmitted herewith are 4 copies of the Field Teams Final Report on the subject exploration project contract which was completed on March 19, 1954.

The Field Team agrees with the conclusion of the examiners, that certification of discovery should not be issued and that further exploration is not advisable.

/s/ Robert A. Laurence
Executive Officer
DMEA Region VII

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

Reviewed by
DMEA OPERATING COMMITTEE

5-3-1954
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 28 1954

6/22/54

UNITED STATES

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
FIELD TEAM, REGION VII
On

DMEA-2467, MASHBURN PROSPECT
(mica)
Macon County, N. C.

By

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

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

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

April 14, 1954

Reviewed by
DMEA OPERATING COMMITTEE
5-3-1954
(date)

FINAL REPORT
On
MASHBURN PROSPECT- DMEA-2467
Idm-E 469 - (mica)

Operator: Macon Mica Miners, c/o N. E. Mashburn, Franklin, N. C.

Work completed under the contract consisted of trimming and timbering an existing 40-foot vertical shaft, extending and timbering this shaft an additional 40 feet, and driving 80 feet of laterals. As no commercial deposit of mica was discovered no certification of discovery should be issued nor is additional exploratory work warranted.

The Mashburn Prospect is located about 3.5 miles northwest of Franklin, Macon County, North Carolina.

Work began on May 11, 1953 and was completed on March 19, 1954. An existing 40-foot vertical shaft was trimmed to 5' x 7' in cross section and timbered. This shaft was extended and timbered an additional 40 feet. A total of 93 feet of lateral work was done from the 80-foot level; 13 feet of which was done at the Operator's expense. The laterals consisted of 51 feet of drift to the northwest, 30 feet of drift and crosscut to the northeast and 12 feet of drift to the southwest.

A zoned pegmatite, "anchor-shaped" in plan (see attached map), is exposed in the laterals near the shaft and in the northwest drift. It is essentially conformable to the foliation of the wall rock, a biotite schist, in the northwest drift but is disconformable in that portion exposed in the northeast and southwest drifts. The northwest extension of the pegmatite dips 70-75° S.W. and thins from about 7 foot near the shaft to 1 foot in the heading of the drift. Abundant slickensides on the wall rock contacts indicates that this extension of the pegmatite has been emplaced along a fault. The southwest extension of the pegmatite pinches out about 12 feet from the shaft and the northeast extension about 10 feet from the shaft. The pegmatite consists of kaolinized feldspar, quartz, biotite and muscovite. The mica is concentrated along the footwall of the pegmatite and is small, badly cracked and curved, and considerably mineral-stained. None is of strategic quality. A second pegmatite is exposed in the northeast lateral. It is 6-18 inches thick and is conformable. The strike of this pegmatite is N. 70° W and the dip is 55° SW. Only "burr-mica" is present in this pegmatite.

Expenditures:

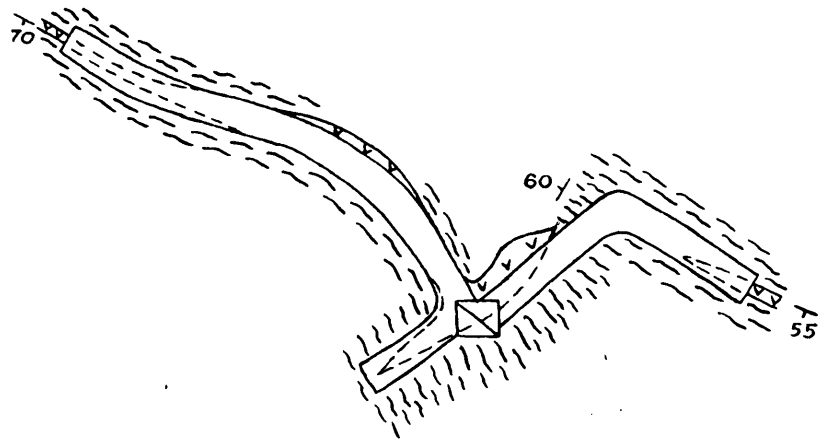
(a)	Total approved	$5,200.00
(b)	Total cost of project	5,200.00
(c)	Government's share of cost	4,680.00
(d)	Government's share unexpended - none	
(e)	Value of production during operation - none	

The project was conducted in a satisfactory and efficient manner. No equipment was purchased under the contract.

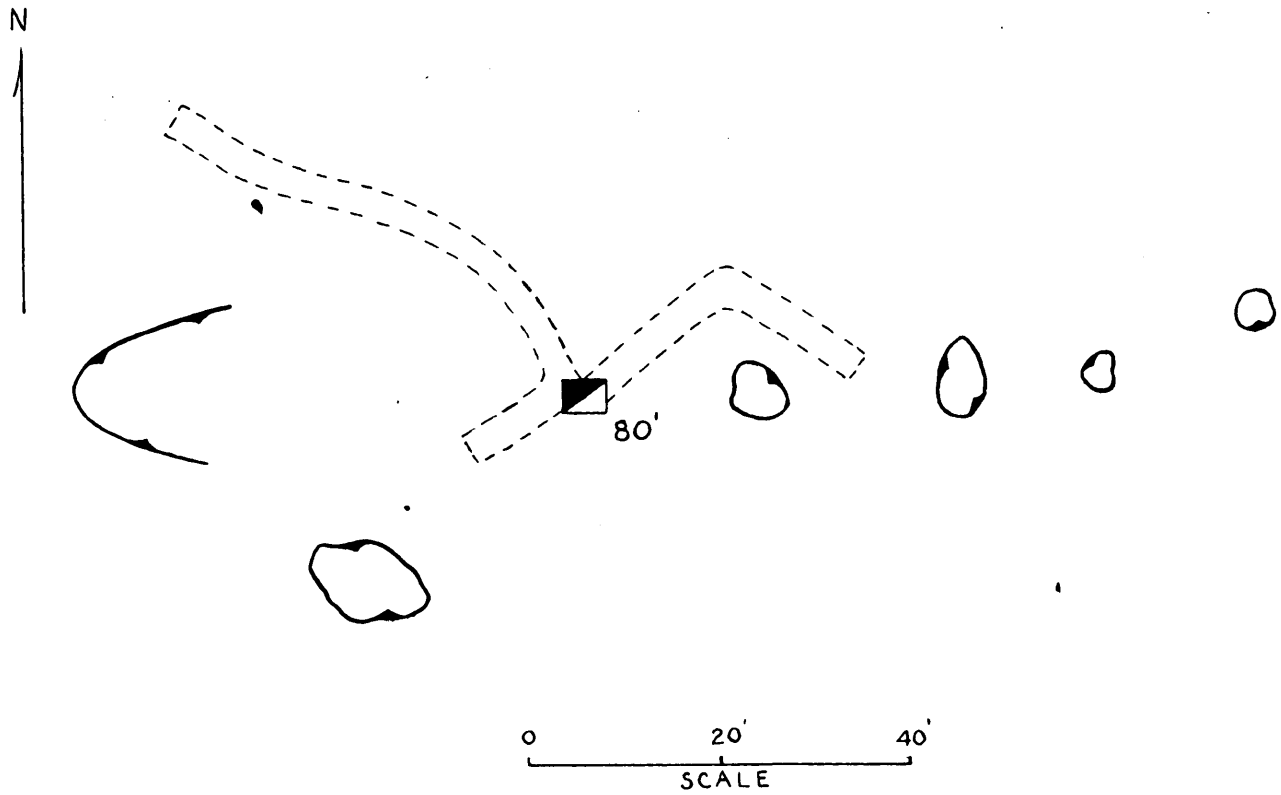
April 14, 1954.

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

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



PLAN OF LEVELS



MASHBURN PROS.

MACON CO., N.C.

DMEA-2467

[redacted]

Spruce Pine, North Carolina
April 26, 1954

Mr. Robert A. Laurence, Executive Officer
DMEA - Region 7
Room 13, Post Office Building
Knoxville, Tennessee

Re: DMEA - 2467 (Mica)
Mashburn Prospect, Final Report

Dear Mr. Laurence:

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

Work began during the first quarter of 1953 on the Mashburn prospect. We rehabilitated 40 feet of existing shaft, then sank the shaft an additional 40 feet, making a total of 80 feet of shaft, at which point we contacted a very small mica vein. At the 80 foot level we drove a drift 15 feet S. W. and did not pick up any vein. Then we drove a drift 51 feet. N. W. and were in a small mica vein about 38 feet of this distance, at which point the vein pinched out and never re-occurred. The mica recovered from this drift was not of stock pile quality.

We then drove a drift 15 feet N. E. and picked up another small vein which was possibly a continuation of the vein that we were on as we drifted N. W. At about a ten foot distance in the N. E. drift we drilled test holes and slabbed off the side of the drift and the vein completely cut out. We then extended the 15 ft. drift to the N. E. an additional 15 feet on a S. E. direction. We found a small mica vein about 4 in. thick which carried no mica at all.

We wish to thank the government engineers for their cooperation on this project. If there is any further information that you need, please let us know.

Very truly yours,

Sam L. Phillips

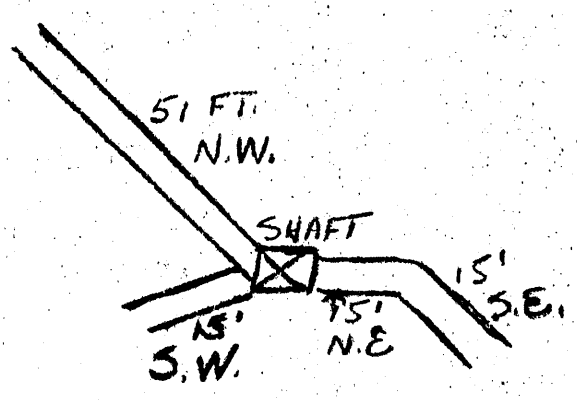
SLP/mb
Sketch attached

COPY

RECEIVED
APR 30 1954

RECEIVED
APR 30 1954
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

MASHBURN PROSPECT



COPY

FINAL REPORT

RFA-2467 Idm-469 (mica) [illegible] PROJECT

OPERATOR: Macon Mica Miners, c/o [illegible] Cunningham, Franklin, N. C.

LOCATION: Near the crest of a low ridge about 3.5 miles northwest of Franklin, Macon County, N. C. It is in the general vicinity of the Burke-John and Cotla-Bowers mines.

This project has been completed and all work as outlined under Exhibit "A" of the contract has been expended without making a discovery of strategic mica. Most of the drift work was accomplished in pegmatite composed of quartz and feldspar that yielded only scattered small sizes of mica.

Work completed consisted of trimming, reconditioning and timbering an existing 40 ft. shaft to 6' x 7' in cross section, and deepening this shaft an additional 40 feet. The shaft was well cribbed for 30 feet with 2" oak timber and a separate manway with ladders and landings was installed to the shaft bottom. Turnoff was made to the southwest and 12 feet of drift was driven. The operators were advised to change the direction of drift at this point and after a delay of a few months, work was resumed on this drift. The drift upon completion totaled 54 feet and varied in direction from S 30° W to N 75° W. Work was discontinued after the pegmatite narrowed to a few inches in thickness. A new drift was started to the northeast and was driven for 30 feet in both pegmatite and country rock. Some slabbing was accomplished later on the first 15 feet of work, which showed that the pegmatite was not continuous.

The operator was cooperative and followed the field examiners suggestions rather closely on this contract. The operator did not indicate that any additional exploration would be attempted at his own expense.

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

K. M. Teague & D. [illegible] Amos, Geologists
U. S. Geological Survey

April 6, 1954

[illegible] REPORT

MLA-2467 Idm-2469 (mica) [illegible] PROJECT

[illegible]: Macon Mica Mines, c/o [illegible] Ashburn, Franklin, N. C.

[illegible]: Near the crest of a low ridge about 3.5 miles northwest of Franklin, Macon County, N. C. It is in the general vicinity of the Burke-John and Cotla-Bowers Mines.

Drifting is nearing completion on this contract. New work was begun from the shaft bottom to the northeast in pegmatite. The drift followed a N 50° E direction for 15 feet and was gradually turned to S 60° E for an additional 15 feet, most of the latter in country rock. A narrow stringer of pegmatite, 8 to 20 inches in thickness, can be observed in the present face. The first 15 feet of this drift was driven in pegmatite consisting of feldspar, quartz, and medium sized blocks of muscovite mica. It was suggested to the operator that he return to this point and continue the drift in pegmatite until completion of the contract, a distance of approximately twenty feet, including necessary [illegible].

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

K. A. Teague & Dewey M. Amos,
Geologists, U. S. Geological Survey

March 23, 1954

MONTHLY REPORT

Idm-2467 Idm-2469 (mica) ASHBURN PROSPECT

OPERATORS: Macon Mica Miners, c/o L. L. Ashburn, Franklin, N. C.

LOCATION: Near the crest of a low ridge about 3.5 miles northwest of Franklin, Macon County, N. C. It is in the general vicinity of the Burke-John and Totla-Bowers Mines.

Drifting continues on this contract and now totals 51 feet. The pegmatite has narrowed considerably for the last 10 feet and it was suggested that no additional drift be driven in this direction. A new drift will be started to the east from the shaft bottom immediately in an effort to pick up a mica "shoot" in that direction. Material encountered in previous drifting has consisted of kaolinized feldspar, quartz, biotite and muscovite mica. The mica in the present N 70° W heading appears to have undergone movement and is badly bent, crushed and cracked.

Safety suggestions made at the time of the last examination have been acted upon. Progress on this contract is satisfactory.

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

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

March 9, 1954

[illegible]

[illegible]-2407 (Ga-402) (mica) [illegible] REPORT

[illegible] 10 1954

[illegible]: Macon Mica [illegible], c/o [illegible] Cashburn, Franklin, N. C.

[illegible]: Near the crest of a low ridge about 3.5 miles northwest of Franklin, Macon County, N. C. It is in the general vicinity of the Burke-John and Cotla-Bowers Mines.

Work has resumed on this contract after a delay of about six months. Approximately 15 feet of drift was driven S 30° E and work was discontinued temporarily. Combined drifting now totals 35 feet from the shaft turnoff and the present heading is being driven about N 75° W in pegmatite material. The body is 6 to 7 feet wide and is composed of feldspar, quartz and scattered mica. The quality of the mica observed was not too good. Work will continue in this same general direction until another examination can be made. Recent progress has been good.

Mr. [illegible] Beck, Member of the DMEA Field Team, Region VII, accompanied the examiners on this visit to the mine.

L. [illegible] Shirley, Mining Engineer
U. S. Bureau of Mines

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

February 23, 1954

600

February 3, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 3 - Docket No. DMEA-2467 - Mica
Mason Mica Mineral
Washburn Prospect
Mason County, North Carolina
Contract No. I&m-2469

This amendment extends the completion date from December 22, 1953, to June 22, 1954, and is justified because of a breakdown of machinery at the mine.

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:ag 2/3/54

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

JAN 12 1954

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

Subject: Docket No. DMEA-2467 - Mica
Macon Mica Miners
Mashburn Prospect
Macon County, North Carolina
Contract No. Idm-E469

Dear Mr. Laurence:

Reference is made to the subject contract the completion date of which is December 22, 1953.

As we have not received an amendment extending this date, will you please prepare and execute an amendment allowing a sufficient length of time to complete the work outlined under the contract, if warranted and you approve.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

T. P. Thayer

Member, Geological Survey

WCAnderson:gad 1/8/54
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.~~
KNOXVILLE, TENNESSEE

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 6 1953

November 4, 1953

Mr. N. E. Mashburn
c/o Macon Mica Miners
Franklin, N. C.

Re: DMEA-2467, Idm-E469
Mashburn Prospect
Amendment No. 2

Dear Mr. Mashburn:

It has been called to our attention that a typographical error was made in Amendment No. 2, second paragraph, it should read....."instead of nine (9) months as written in Amendment No. 1 dated May 15, 1953." Please correct your copy.

Yours very truly,

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

WAB/zm
cc:
Lynch
Laurence
Mr. Selfridge

C
O
P
Y

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

November 4, 1953

Mr. N. E. Mashburn
c/o Macon Mica Miners
Franklin, N. C.

Re: DMEA-2467, Idm-E469
Mashburn Prospect
Amendment No. 2

Dear Mr. Mashburn:

It has been called to our attention that a typographical error was made in Amendment No. 2, second paragraph, it should read....."instead of nine (9) months as written in Amendment No. 1 dated May 15, 1953." Please correct your copy.

Yours very truly,

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

600

NOV 2 1953

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

Subject: Docket No. DMEA-2467 - Mica
Macon Mica Miners
Mashburn Prospect
Macon County, North Carolina
Contract No. Idm-2469

Dear Mr. Laurence:

Reference is made to your letter of October 23, 1953, concerning Amendment No. 2 to the subject contract.

Please refer to our letter of October 21, 1953, and note that we stated the typographical error occurred in the last line of the second paragraph and not in the title of Amendment No. 2. The last line reads: "instead of nine (9) months as written in Amendment No. 2 dated May 15, 1953". This should be "Amendment No. 1 dated May 15, 1953".

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

E. P. Thayer
Member, Geological Survey

WCAnderson:gad 10/29/53
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
EXECUTIVE OFFICER
DMEA REGION VII
Knoxville, Tenn.

RECEIVED

October 15, 1953

Memorandum

To: George C. Selfridge, Chairman Operating Committee

From: Acting Executive Officer, DMEA - Region 7

Subject: Time Extension Amendments

Carpenter Your letter of October 13 regarding the above subject:

✓ Idm-E 469, DMEA-2467, Amendment mailed your office 10-14-53

Bauer Idm-E 459, DMEA-2579, Amendment mailed your office 10-12-53

Brunton Idm-E 535, DMEA-2882, "Project completed and Operator's final report has been received in this office but is being held here until the Field Teams final report is prepared. The Field Examiners will examine the property in the near future, after which a report will be written.

Wm. A. Beck

Wm. A. Beck

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON~~
DMEA REGION VII
Knoxville, Tenn.

C O P Y

October 15, 1953

Memorandum

To: George C. Selfridge, Chairman, Operating Committee

From: Acting Executive Officer, DMEA - Region 7

Subject: Time Extension Amendments

Your letter of October 13 regarding the above subject:

Idm-E 469, DMEA-2467, Amendment mailed your office 10/14/53

Idm-E 459, DMEA-2579, Amendment mailed your office 10/12/53

Idm-E 535, DMEA-2882, Project completed and Operator's final report has been received in this office but is being held here until the Field Teams final report is prepared. The Field Examinefs will examine the property in the near future, after which a report will be written.

/s/
Wm. A. Beck

OCT 21 1953

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

Subject: Docket No. DMEA-2467 - Mica
Macon Mica Mineral
Mashburn Prospect
Macon County, North Carolina
Contract No. Idm-2469

Dear Mr. Laurence:

Reference is made to Amendment No. 2 to the subject contract.

Please note typographical error in second paragraph, "Amendment No. 2 dated May 15, 1953". This should read "Amendment No. 1". We have made the correction on the copies in the Washington Office, so you will need only to make the correction on the copies held in your office and by the Operator.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

D. M. Larrabee
Member, Geological Survey

WCAnderson:gad 10/20/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

Mr. Chambers

October 20, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 2 - Docket No. DMEA-2467 - Mica
Macon Mica Miners
Mashburn Prospect
Macon County, North Carolina
Contract No. Idm-E469

The purpose of this amendment is to extend the completion date from September 22, 1953 to December 22, 1953. This amendment is necessary because of a breakdown of the machinery at the mine.

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

SIGNED

W. C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 10/20/53
Copy to: Admr. R. File
Docket File
Mr. Houk

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

October 20, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 2 - Docket No. DMEA-2467 - Mica
Macon Mica Miners
Mashburn Prospect
Macon County, North Carolina
Contract No. Idm-E469

The purpose of this amendment is to extend the completion date from September 22, 1953 to December 22, 1953. This amendment is necessary because of a breakdown of the machinery at the mine.

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

W. C. Anderson

W. C. Anderson
Nonmetallic Minerals Division

60C

OCT 13 1953

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

Dear Mr. Laurence:

We wish to call your attention to the following dockets the completion dates of which may require extension by amendment. In these cases where this will be necessary and you approve, will you please furnish us copies of such amendments:

Docket	Contract	Completion date
DMEA-2379	Idm-E364	October 1, 1953
DMEA-2467	Idm-E469	September 22, 1953
DMEA-2579	Idm-E439	October 11, 1953
DMEA-2[illegible]	Idm-E535	September 29, 1953

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

LGHoukigad 10/8/53

Copy to: Admr. R. File
Docket File
Mr. Houk
Operating Committee
Mr. Dietrich, Rm. 3520
Mr. Larrance, Rm. G-232, GSA

P. S. Amendment No. 1, Docket No. DMEA-2379, Contract No. Idm-E364 was received in this office October 7, 1953.

(Rev.)

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

Month of AUGUST, 1953 Docket No. DMEA 2467 Contract No. Idm-E 469
Operator's Name Macon Mica Miners Minerals MICA
Address (N. E. Hashburn) Franklin, N. C.
Contract Amount, $5,200.00 Government Participation: 90 % Amount, $4,680.-

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	462.-	594.-	1056.-			
Shafting		2240.-	2240.-			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Timbering		320.-	320.-			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	462.-	3154.-	3616.-	462.00	3,154.00	3,616.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-14

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 9/1/53 *Payee Macon Mica Miners
Per N. E. Mashburn 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:

$ 415.80

Signature Carr A. Pierce
(Authorized Certifying Officer)

Date SEP 11 1953 Vou. No. 69
(See other side)

4

46 20

(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-E469 in accordance with the terms of the contract.

Signature Lawrence C. Shirley Title Mining Engr. U.S.B.M. Date Sept. 4, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date SEP 9 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

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 AUGUST 1953 Docket No. DMEA 2467 Contract No. Idm-E 469
Operator's Name Macon Mica Miners Minerals MICA
Address (N. E. Mashburn) Franklin, N. C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	ft	462.-	14	1056.-	32	1056.	80	33.00
Crosscutting								
Raising							40)	16.00)
Shafts	ft			2240.-	80	2240.	40)	40.00)
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Timbering	ft			320.-	40	320.	40	8.00
TOTAL DISTRIBUTED COSTS		462.-		3616.-				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		462.-		3616.-				

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 9/1/53 Operator Macon Mica Miners

Per N E Mashburn 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

MACON MICA MINERS

(N. E. MASHBURN)

FRANKLIN, N. C.

DOCKET NO. 2467

CONTRACT NO. Idm-E 468

- MICA -

NARRATIVE - - PROGRESS REPORT FOR AUGUST 1953

COMPLETED 14 feet of drifting for the month.

TOTAL of 32 feet of drifting to date.

48 feet of drifting remains to complete contract.

- - -

[illegible]

[illegible]

[illegible]-2437 [illegible]-435 (mica) [illegible]

OPERATORS: Macon Mica Miners, c/o [illegible] Washburn, Franklin, N. C.

LOCATION: Near the crest of a low ridge about 3.5 miles northwest of Franklin, Macon County, N. C. It is in the general vicinity of the Burke-John and Cotla-Powers Mines.

Drifting is underway on this contract and a new heading has been pulled in a N 30° E direction, for a distance of 15 feet. Timbering, consisting of overhead lagging, has been necessary for about 10 ft. because rock was badly weathered, seamy and fractured for this distance. The present heading is in pegmatite, which is composed of feldspar, quartz and a few, small scattered blocks of muscovite mica. Progress on this contract is satisfactory.

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

E. W. Heague, Geologist
U. S. Geological Survey

August 10, 1955

Form [redacted] (Rev.)

Budget Bureau No. 42-R1038.3.
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAYROLL VOUCHER & SCHEDULE OF PAYMENTS K-8

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of JULY 1953 Docket No. DMEA 2467 Contract No. Idm-E 469

Operator's Name Macon Mica Miners Minerals MICA

Address (H. E. Mashburn) Franklin, N. C.

Contract Amount, $ 5,200.- Government Participation: 90 % Amount, $ 4,680.-

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	594.-	-	594.-			
Drifting Shafting	400.-	1840.-	2240.-			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track Timbering	80.-	240.-	320.-			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1074.-	2080.-	3154.-	1074.00	2,080.00	3,154.00

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

Date 8/3/53 *Payee Macon Mica Miners

Per H. E. Mashburn 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:

$ 966.60

Signature [illegible]
(Authorized Certifying Officer)

Date AUG 13 1953 Vou. No. 36
(See other side)

3

107.46

(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-F46G in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Aug. 5, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence 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).

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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

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 JULY 1953 Docket No. DMEA ~~2647~~ 2467 Contract No. Idm-E 169
Operator's Name Macon Mica Miners Minerals MICA
Address (N. E. Mashburn) Franklin, N. C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft	594.-	18	594.-	18	594.-	80	33.-
Crosscutting								
Raising							40	16.-)
Shafts	ft	400.-	10	2240.-	80	2240.-	40	40.-)
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Timbering	ft	80.-	10	320.-	40	320.-	40	8.-
TOTAL DISTRIBUTED COSTS		1074.-		3154.-				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1074.-		3154.-				

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

Date 8/3/53 Operator Macon Mica Miners

Per N. E. Mashburn 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

MACON MICA MINERS
(N. E. MASHBURN)
FRANKLIN, N. C.

DOCET NO. ~~26~~ 2467
CONTRACT NO. Idm-E 468
- MICA -

NARRATIVE - PROGRESS REPORT FOR JULY 1953

July 1 - 10. Completed 10 ft. shafting

Completed 10 ft. timbering.

July 10 - 31. Completed 18 ft. drifting.

Shafting & timbering on this contract is completed.

660

[illegible]

[illegible]

[illegible]

[illegible]

DMEA-2467 Idm-E439 (mica) [illegible]

OPERATOR: Macon Mica Miners, c/o R. B. Washburn, Franklin, N. C.

LOCATION: Near the crest of a low ridge about 3.5 miles northwest of Franklin, Macon County, N. C. It is in the general vicinity of the Burke-John and Cotla-Bowers Mines.

Drifting continues on this contract and is now at 12 feet. The pegmatite, at this point, apparently pinched out and the heading was in biotite schist. Another drift will be started in the near future and will be driven to the west. 68 feet of drifting remains on the contract. Progress has been good on this project.

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

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

July 28, 1953

[illegible]
[illegible]
[illegible]

INTERIM REPORT

[illegible]A-2467 Id[illegible]-1463 (mica) [illegible] PROJECT [illegible]

OPERATOR: [illegible] Mines, c/o [illegible] Ashburn, Franklin, N. C.

LOCATION: Near the crest of a low ridge about 2.5 miles northwest of Franklin, Macon County, N. C. It is in the general vicinity of the Burke-John and Hotla-Bowers Mines.

Shaft sinking has been completed on this contract and 3-4' of drift from the turnoff has been accomplished. The shaft was trimmed, reconditioned and cribbed solid from the collar to a depth of 40 feet, and was deepened and cribbed solid for the additional 40 feet. A separated manway and staggered ladders with landings about 12 feet apart has been installed.

Most of the shaft bottom and drift is in pegmatite material consisting of feldspar and quartz with a few pieces of badly cracked and broken mica in the northwest wall.

Progress on this project has been good.

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

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

July 14, 1953

INTERIM REPORT

Data-2467 ICM-2469 (mica) MACON PROSPECT

OPERATOR: Macon Mica Miners, c/o L. E. Washburn, Franklin, N. C.

LOCATION: Near the crest of a low ridge about 8.5 miles northwest of Franklin, Macon County, N. C. It is in the general vicinity of the Burke-John and Lotla-Bowers Mines.

Shaft sinking continues on this project and is now at 75 feet, having been cribbed solid to 74 feet. Pegmatite material has been showing on the NW side of the shaft for a vertical distance of about 14 ft. This material consists of massive quartz, as observed on the dump, feldspar and small pieces of badly cracked and broken ruby mica.

The mine is beginning to make water and so far has been removed by bailing with a muck bucket. It was suggested that a pump be obtained for this job, but neither electric power nor sufficient air power is available.

Progress on this project is satisfactory.

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

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

July 2, 1953

INTERIM REPORT

[illegible]-2487 [illegible]-2489 (mica) [illegible]

OPERATOR: Macon Mica Miners, c/o [illegible] Hashburn, Franklin, N. C.

LOCATION: Near the crest of a low ridge about 3.5 miles northwest of Franklin, Macon County, N. C. It is in the general vicinity of the Burge-John and Lotla-Bowers mines.

Shaft sinking continues on this project and is now at 78 feet, having been cribbed solid to 74 feet. Pegmatite material has been showing on the NW side of the shaft for a vertical distance of about 14 ft. This material consists of massive quartz, as observed on the dump, feldspar and small pieces of badly cracked and broken ruby mica.

The mine is beginning to make water and so far has been removed by bailing with a muck bucket. It was suggested that a pump be obtained for this job, but neither electric power nor sufficient air power is available.

Progress on this project is satisfactory.

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

F. M. Teague, Geologist
U. S. Geological Survey

July 2, 1953

Code 6

INTERIM REPORT

DMRA-2487 ICM-1469 (mica) MASSEBURA PROSPECT

OPERATOR: Macon Mica Miners, c/o N. L. Washburn, Franklin, N. C.

LOCATION: Near the crest of a low ridge about 3.5 miles northwest of Franklin, Macon County, N. C. It is in the general vicinity of the Burke-John and Letla-Bowers Mines.

Shaft sinking continues on this project and is now at 75 feet, having been cribbed solid to 74 feet. Pegmatite material has been showing on the NW side of the shaft for a vertical distance of about 14 ft. This material consists of massive quartz, as observed on the dump, feldspar and small pieces of badly cracked and broken ruby mica.

The mine is beginning to make water and so far has been removed by bailing with a muck bucket. It was suggested that a pump be obtained for this job, but neither electric power nor sufficient air power is available.

Progress on this project is satisfactory.

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

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

July 2, 1953

INTERIM REPORT

DMEA-2467 Idm-2469 (mica) WASHBURN PROSPECT

OPERATOR: Macon Mica Miners, c/o E. L. Washburn, Franklin, N. C.

LOCATION: Near the crest of a low ridge about 3.6 miles northwest of Franklin, Macon County, N. C. It is in the general vicinity of the Burke-John and Lotla-Bowers Mines.

Shaft sinking continues on this contract and is now down to 54.5 feet. The shaft has been cribbed solid to this depth and contains a separated 2-foot manway, with staggered ladders at intervals, to near bottom. Material removed to date has consisted of muck from a previous operation, mica schist, and kaolinized feldspar, which is just beginning to show in the shaft bottom. Progress on this project has been good.

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

A. M. Teague, Geologist
U. S. Geological Survey

June 15, 1953

Form MP-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

PAID ON VOUCHER AND SCHEDULE 173
OF PAYMENTS NOR - 63

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of MAY, 1953 Docket No. DMEA ~~2647~~ 2467 Contract No. IDM-E-469
Operator's Name MACON MICA MINERS Minerals MICA
Address (N. E. MASEBURN) FRANKLIN, N.C.
Contract Amount, $5,200.00 Government Participation: ~~10~~ 90% Amount, $4,680.00

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						
Shafting, Trim Reconditioning Timbers	640.-	-	640.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	640.-	-	640.00	640.00		640.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 6/2/53 *Payee MACON MICA MINERS
Per N. E. Maseburn 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:
$ 576.00
Signature Cora a. Piper
(Authorized Certifying Officer)
Date JUN 9 1953 Vou. No. 173
(See other side)

64.00

1 of

(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-E469 in accordance with the terms of the contract.

Signature Laurence E. Shirley Title Mining Engr. U.S.B.M. Date June 5, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date JUN 8 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 MAY 1953 Docket No. DMEA 2467 Contract No. IDM-E 469
Operator's Name MACON MICA MINERS Minerals MICA
Address (N. E. MASHBURN) FRANKLIN, N. C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts True Reconditon and Timber.	ft.	640.-	40	640.00	40	16.00 ~~640.-~~	40 40	16.00 ~~40.00~~
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		640.-	40	640.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		640.-		640.00				

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 JUNE 2, 1953 Operator MACON MICA MINERS

Per N E Mashburn 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

MACON MICA MINERS
(N. E. HASHBURN)
FRANKLIN, N. C.

DOCKET NO. 2647
CONTRACT NO. IDM-E 469
- MICA -

NARRATIVE - PROGRESS REPORT FOR MAY 1953:

WORK STARTED MAY 11, 1953.

May 11, 12, 13.	Cut timber pattern and moved equipment on job.
May 14 & 15.	Cleaned old shaft hole and prepared for timbering.

May 18 to 23 inclusive. Completed 20 feet of timbering etc.

May 25 to 30 inclusive. Completed 20 feet of timbering etc.

In accordance with contract, 40 feet has been trimmed to 5' x 7', reconditioned and timbered. This completes the first stage of contract.

- - -

6/2/53.

[illegible]

[illegible]

[illegible]: [illegible], c/o [illegible], [illegible], [illegible]

[illegible]

[illegible] existing [illegible] on drinking, reconditioning and tisherin the existing [illegible] on this project was [illegible] as [illegible] the shaft has been deepened and fitted [illegible] hoist. [illegible] shaft [illegible] is hoist house. [illegible] consists [illegible] from previous operations. The shaft is [illegible] x 7' in cross section, two compartments with separate [illegible], and has been timbered [illegible] to the present depth with 2" x [illegible] cut timbers. A straight leg with boom pole has been erected and a gasoline power hoist is on the job for hoisting. Progress on this project is satisfactory.

[illegible], Engineer
[illegible] of Lands

[illegible], Geologist
[illegible] Geological Survey

June 4, 1953

noted
6/18/53
SAF

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~DEFENSE MINERALS EXPLORATION ADMINISTRATION~~
~~WASHINGTON 25, D.C.~~
BUREAU OF MINES
SOUTHEASTERN REGION
REGION VII
HAMILTON BANK BUILDING

June 10, 1953

Memorandum

To: J. L. Chambers, Defense Minerals Exploration Administration, Interior Building, 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-420 Everette L. Poston and R. W. Poston
DMEA Docket No. 2561
4th payment - month of May
Amount $270.00

Idm-E-435 Grigg and West
DMEA Docket No. 2677
2nd payment - month of May
Amount $891.00

Idm-E-461 Zeb Angel
DMEA Docket No. 2582
5th payment - month of May
Amount $578.70

Idm-E-469 Macon Mica Miners
DMEA Docket No. 2467
1st payment - month of May
Amount $576.00
Starting Date: 5/11/53

Idm-E-503 HRH, Inc.
DMEA Docket No. 2832
2nd payment - month of May
Amount $877.50

Idm-E-512 B. G. Thomas, Mark Hall, Charlie Hall
DMEA Docket No. 2790
1st payment - month of May
Amount $1957.50
Starting Date: 5/13/53

Enclosures

Helen R. Miller

June 3, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Review of Amendment No. 1 - Docket No. DMEA-2467 - Mica
Macon Mica Miners
Mashburn Prospect
Macon County, North Carolina
Contract No. Idm-E469

Purpose: To amend Article 3 of the contract to allow nine months instead of five months for completion of the work.

Justification: Inclement weather and delay in getting proper equipment to the mine retarded the work.

Recommendation: The Nonmetallic Minerals Division concurs with the Field Team and recommends approval of the amendment as executed in the field May 15, 1953.

/s/
Stanley A. Feitler
Nonmetallic Minerals Division

SAFeitler:gad 6/3/53

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

2467

12/3/52

Tel. to Sam Phillips 12:15
Spruce Pine 119

Re Marshburn Prospect
Macon Mica Mines
DMEM-2467

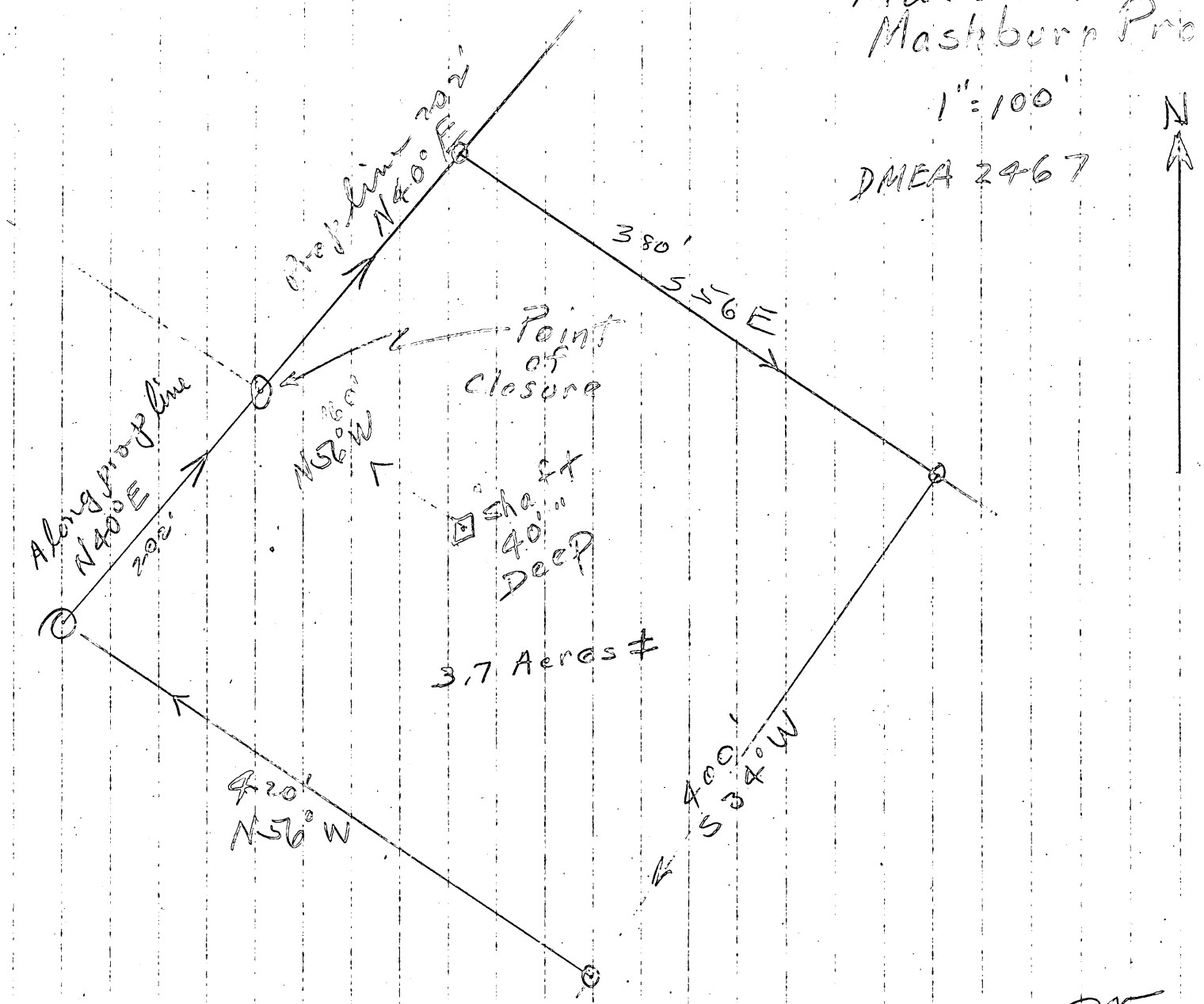
Requesting mica
qualification from
Flynt of G.S.A.

SF

Macon Mica Miners
Mashburn Prospect

1" = 100'

DMEA 2467



SF 12/1/52

From description submitted by F.T. 11/25/52

2467

10/31/52

Tel. to Sam Phillips,
Spruce Pine, N. C.

Again asked for exact
descrip of area to be
explored.

SF.

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

October 8, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2467, Mica, Mashburn Prospect, Macon County, Franklin, North Carolina

I concur in the field team's recommendation for an exploration program in the amount of $4,500.

W. F. Dietrich

IN REPLY REFER TO:

G-ND-CNM

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

September 25, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2467 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration.
From: R. E. Van Alstine, U. S. Geological Survey
Applicant: Macon Mica Miners, c/o N. E. Mashburn
Name of property: Mashburn Prospect.
Location of property: About 3.5 miles NW of Franklin, Macon County North Carolina, about 300 yards west of Burke-John mine.
Date of field team report: September 16, 1952.
Authorship of field team report: A. L. Peyton and K. H. Teague.
Field team's recommendation:

Deposit merits exploration. Trim present 40-foot shaft, deepen it to 80 feet, drive drifts in both directions along the pegmatite 30 feet from shaft. Total cost $4,500.

Comments:

Dip of unexposed pegmatite is reported as near vertical. If dip is not vertical or pegmatite does not extend to 80-foot depth, would "drifting along the pegmatite" be done?

ACTION SUGGESTED

Follow field team's recommendation.

R. E. Van Alstine

Van Alstine:jeh
G-9/25/52
cc: Director's reading file 4212 GSA Bldg.
Branch " " " " "
DMEA
Van Alstine G-230 " "
Norton files G-228 " "

2451 7/10/52

Property descrip. inadequate for determining loc of mine on leased ground

C.B. Collins, atty, to supply additional info re property & also more data about the mica occurrence

SF.

Field referral after satisfactory presentation of adequate area for exploration

9/26/52

Again requested prop description from Collins

SF