☑ Audited RR. 7-14-53

WO[redacted]ALYSIS SHEET - DMEA PROJECT

[redacted] ☐ Actual Cost

☐ Certified

Analysis as of 12-8-54
Incl. Voucher for Jan. 1953

☑ Agreed Unit Costs

Name A. Ward

Docket No. r619

State N. C.

Commodity Mica

Idm-E No. 439

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	100	3500.00	34	1190.00	1190.00
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs		300.00		300.00	300.00
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		3800.00		1490.00	1490.00

Prepared by [signature]

71626

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

A. Ward

c/o R. D. Prendle, Route 4

Franklin, North Carolina

pertaining to Exploration Project Contract No. Idm-E439, Docket No. DMEA-2619, including Amendment No. 1, for the months of November, 1952 to January, 1953, inclusive, covering a project for the exploration of mica.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Executive Officer of the Regional Field Team, and a determination of the reasonableness and propriety of the costs.

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

the contract provides 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		$1,490.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$1,490.00

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 Thirteen hundred forty-one and no/100 Dollars

** $1,341.00 **

is considered valid and proper.

E. R. Tallent
Auditor

JUL 14 1953

DIVISION COPY

TERMINATION OF EXPLORATION PROJECT CONTRACT BY AGREEMENT
AFTER COMMENCEMENT BUT BEFORE COMPLETION OF THE WORK

It is agreed this 24th day of April, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and A. Ward, c/o R. D. Brendle, Route #4 Franklin, North Carolina, hereinafter called the "Operator," parties to that certain Exploration Project Contract I-dm-E 439, Docket No. DMEA-2619, dated 6th day of November 1952, that the said contract shall be and is hereby terminated as of the first date above written.

Any work prosecuted or costs incurred by the Operator after the date first above written shall be for the sole account of the Operator, except for (a) such necessary and reasonable costs and expenses as may be incurred in preserving and disposing of any facilities, buildings, fixtures, equipment, or other items, to the cost of which the Government has contributed and in which the Government has an equity, and (b) the costs of any reports, accounts, and winding-up and settlement actions provided for in the contract.

The undersigned Operator hereby releases and agrees to save harmless the Government from all claims and demands under or arising out of said Exploration Project Contract, except as herein expressly otherwise provided.

Witness the following signatures as of the day and year first above written.

UNITED STATES OF AMERICA

By Lorna Beck
~~Acting Executive Officer, DMEA~~, Reg. 7

A. Ward
(Operator)

By _____

18262-1

AMENDMENT No. 1

IMEA-2619, Idm-E 439 (mica)

Contract Idm-E439, Docket No. 2619, dated the 6th day of November 1952, between the UNITED STATES OF AMERICA and A. WARD, an individual, Franklin, North Carolina, is hereby amended as follows:

Article 3 is amended to provide that the Operator is to complete the project within a period of eight (8) months from the date of the contract, instead of four (4) months, as provided in the original contract.

This amendment is necessary because due to winter weather and bad slippage of bank above adit, the Field Team recommends that the project be recessed for four months to see whether there is any additional movement of soil above adit.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of the costs which the Government may be obligated to pay, under the provisions of Article 4 of the contract form.

Dated: January 8, 1953

THE UNITED STATES OF AMERICA

By Robert A. Laurence

Robert A. Laurence, Executive Officer
IMEA Field Team, Region 7

A. WARD

A. Ward

xx

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

MF-200 (A)
(February 1952)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 6 1952

DOCKET NO. DMEA 201

COMMODITY Mica

Division Copy
IDM-E 439

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

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 6th day of November, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] A. Ward
c/o A. L. Brendle
Route 4
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 below~~[3] indicated on the map attached hereto and made a part hereof and entitled: Sketch of Miller Mine - Macon Co., N.C. - MMA-201, (mica) and as set forth in Annex I hereof.

the Operator represents and undertakes:[4]

(*a*) ~~That the Operator is the owner in possession and entitled to possession, and that the property is subject only to the following liens, encumbrances, and outstanding rights of possession:~~

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

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

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

in or upon the described land; and shall bring the project to completion within a period of 4 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 ____ 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 $3,420.00, which is ____ percent of $3,[illegible], 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

_____ (Operator)

By G. Ward

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

By Hoffman
Hand

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

EXPLORATION PROJECT CONTRACT
A. WARD
DOCKET NO. DMSA-2619

ANNEX I

The land referred to in Article 2 of this contract is as follows:

That part of the Miller Mine in Millshoal Township that lies on the left side of the branch as you go up the same, with the right to follow the vein and mine the same if it goes across the branch, being a part of the land described in deed dated 16 day of November, 1905, and recorded in the office of the Register of Deeds for Macon County, N.C., in Deed Book TT, page 182.

EXPLORATION PROJECT CONTRACT
A. WARD
DOCKET NO. DMEA-2619

EXHIBIT "A"

Description of the Work

The work to be performed is as follows:

Excavate with a bulldozer to prepare the site for an adit portal, approximately as shown on the map referred to in Article 2. From the site so prepared, crosscut and drift as shown on the above-mentioned map not to exceed a total of 100 feet. The location, direction, and extent of all work shall be specified by the Government.

Agreed Project Costs

Preparation of portal site	$ 300.00	
Crosscut and drift 100 feet @ $35.00 per foot	3,500.00	
Total Cost of Project		$3,800.00
Government Participation @ 90%		$3,420.00

MF-203

OWNER'S CONSENT TO LIEN

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

In lease from Jim Sanders, et al, to A. Ward, dated September 12, 1952, and recorded in the office of Register of Deeds for Macon County, North Carolina, in Deed Book C-6, at page 9.

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

2/ A. Ward

hereinafter called the "Operator"; and

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

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

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ 10,000.00, or ten years have elapsed from the date of the contract.

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

Interior--Duplicating Section, Washington, D. C.

18264

RELEVANT CONTRACT PROVISIONS

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

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

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

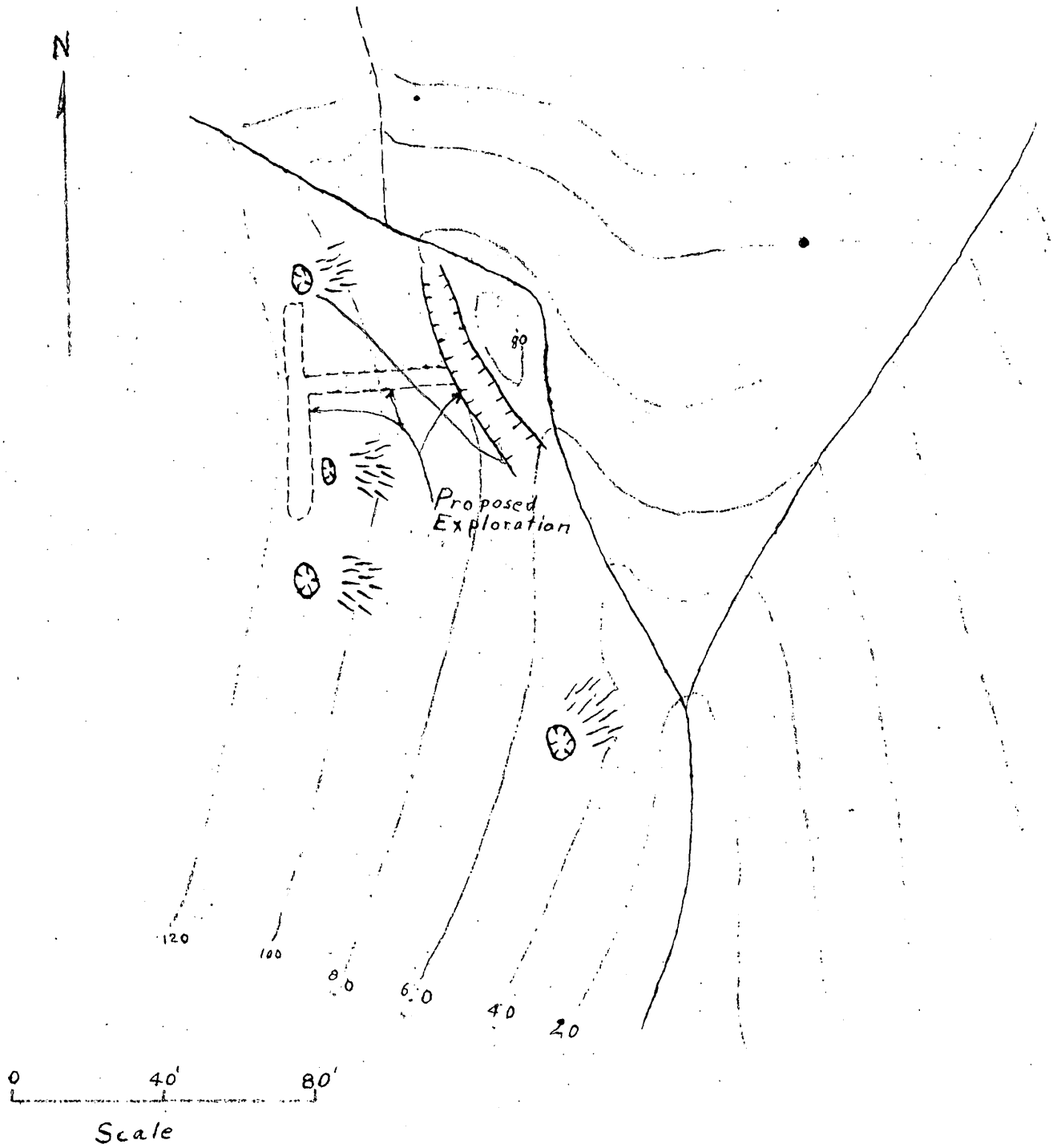
(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

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

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

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

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



Sketch of
Miller Mine
Macon Co., N.C.

DMEA-2619(mica)

600

AUG 19 1953

Mr. A. Ward
C/o Mr. R. D. Brendle
Route 4
Franklin, North Carolina

Re: Docket No. DMEA-2619 - Mica
Miller Mine
Macon County, North Carolina
Contract No. Idm-E439

Dear Mr. Ward:

This is with reference to the subject exploration contract between you and the Government.

The final audit of the contract expenditures and the final reports of the Operator and of the Field Team have been received and accepted by this Administration. A contract for the total amount of $3,800.00 was approved and the sum of $1,490.00 was expended, 90 percent of which, or $1,341.00, represented the Government's share. There were no unused materials, supplies or equipment to be disposed of for the joint account of the Operator and the Government. The exploration work was completed in a satisfactory manner.

Because the results of the exploration were unfavorable, it is not our intention to make a certification of discovery or development which would create a lien against the subject property. We are, therefore, closing our books and records with respect to this project. Your attention is called, however, to Article 5 (d) of the Contract which requires the Operator to "keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract".

Your interest in the Exploration Program of the Defense Minerals Exploration Administration and your willingness to participate therein are appreciated.

Sincerely yours,

C. O. Mittendorf
Administrator

WCAnderson:gad 8/13/53
Copy to: Admr. R. File
Docket File
Field Team, Reg. VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

~~AUG 1 9 1953~~

600

August 13, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Closing Review of Docket No. MM-2619 - Mica
Contract No. Idm-A-439
Date of contract - November 19, 1952
Property: Miller Mine
4.6 airline miles N 24° E of Franklin
Macon County, North Carolina
Operator: A. Ward
c/o R. D. Brendle, Route #4, Franklin, North Carolina
Contract amount approved $3,800.00
Total accepted cost 1,490.00
Government's share @ 90% 1,341.00
Project Work: Started on November 18, 1952
Work discontinued during January 1953 because of hillside slide.
Contract terminated by mutual consent April 24, 1953
Final Field Report received July 13, 1953.
Authors: K. W. Teague and L. S. Shirley.

Closing letter: Copy of closing letter is attached. There is no certification of discovery or development.

Docket Summary:

7/18/52 Received application MM-103
7/19/52 Acknowledged receipt of application
7/21/52 Received memorandum from P. I. Weis, U. S. G. S. Suggested field examination of property
8/19/52 Received memorandum from W. E. Dietrich, U. S. B. M. Suggested field examination of property
8/25/52 Application referred to Region VII for field examination
9/22/52 Received report of examination. Authors - K. W. Teague, A. L. Peyton and L. S. Shirley. An exploration contract costing $3,800.00 was recommended. Work discontinued because of hillside slide.
9/26/52 Received memorandum from H. J. Van Alstine, U. S. G. S. Suggested follow field team's recommendation.

10/2/52 Letter to applicant. Requested new Owner's Consent to Lien
10/8/52 Received memorandum from W. F. Dietrich, U. S. B. M. Concurred in field team's recommendation
11/19/52 Date of Exploration Project Contract
5/29/53 Received Termination Agreement dated April 24, 1953
7/8/53 Received Final Field Team Report
7/14/53 Received Final Audit Review

Resume of Work: (This is a copy of Final Report by the Field Team)

"The Miller Mica Mine is 4.6 airline miles N 24° E of Franklin, Macon County, North Carolina. The mine is on the west side of a south flowing tributary of Wautauga Creek.

This project was terminated by mutual consent because of unsafe conditions. No pegmatite or mica was found; therefore, no certification of discovery should be issued. Additional exploration at this deposit is not warranted.

Work consisted of cutting a bulldozer cut in preparing an adit portal and driving 34 feet of cross-cutting adit in weathered mica gneiss. The project began on November 18, 1952. In January 1953, a slide of hillside occurred and work was suspended. By April the hillside had moved approximately three feet along two zones and adit timbers had been moved about 18 inches. The field examiners and the operator decided that additional work in the disturbed ground would be unsafe and that work outside the moving area had little possibility of discovering worthwhile mica deposit; therefore the project was terminated by mutual consent on April 24, 1953."

Unit Costs: There were excavated by bulldozing 1496 cu. yds of top soil at a total cost of $300.00 or a unit cost of 20 cents per cu. yd.; and driving of 34 feet of cross-cutting adit at a total cost of $1,190.00 or a unit cost of $34.00 per foot. Total cost of project amounted to $1,490.00.

Project Cost: (Per final audit review 7/14/53)

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

Total cost as billed by Contractor		$1,490.00
Exceptions:		
By DMEA Finance Officer	$-0-	
Herewith	-0-	-0-
Total accepted cost		1,490.00
Government participation @ 90%		1,341.00

Comments and Recommendation:

The disturbed ground is unsafe to work in, and work outside the moving area has little possibility of discovering mica.

Both the Operator and the Field Team agreed that the project should be discontinued. A termination by mutual agreement was executed April 24, 1953. The Final Report of Examination recommended that no certification should be made of discovery or development.

The Nonmetallic Minerals Division concurs in the above evaluation.

SIGNED

Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:dec 8/13/53
Copy to: Admr. R. File
Docket File
Mr. Houk

IN REPLY REFER TO:
G-MD-CNM

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

August 13, 1953

Memorandum

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

From: D. M. Larrabee, U. S. Geological Survey

Subject: DMEA-2619 - Miller Mine, Franklin, North Carolina.

I concur with the Field Team that this project should be cancelled out with no certification, for the reasons given in their report. In fact, I was present at the property when this decision was made jointly with the applicant.

D. M. Larrabee

Larrabee:jeh
8/13/53
cc: Director's reading 4212
Branch reading 4212
DMEA 3
Larrabee

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

August 7, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2619, Miller Mine, Macon County, North Carolina (Mica)

I concur in the field team's recommendation that no certification of discovery be issued for this project.

Signed

W. F. Dietrich

Received

JUL 8 1953

C O P Y

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

July 6, 1953

Memorandum

To: Chairman, Operating Committee, DMEA - Washington

From: Executive Officer - Field Team - D M E A

Subject: Final Reports.

Transmitted herewith are three copies each on the following:

DMEA-2619, Miller Mine, Idm-E439 (mica)

DMEA-2802, Wiley Blevins Mine, Idm-E499 (mica)

DMEA-2910, Earl Davis Prospect, Idm-E513(mica)

The Field Team concurs in the recommendation that no certification be made on any of the above listed contracts.

/s/ ROBERT A. LAURENCE
Robert A. Laurence, Executive Officer
DMEA Field Team, Region 7

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

[illegible] BY
[illegible] OPERATING COMMITTEE

7-13-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
by
FIELD TEAM, REGION VII

DMEA- 2619, MILLER MINE (mica)
Contract Idm-E439.

Franklin, Macon County, N. C.

By

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

and

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

June 26, 1953

Reviewed by
DMEA OPERATING COMMITTEE
7-13-53
(date)

FINAL REPORT
on
DMEA-2619, MILLER MINE (mica)
Contract-Idm-E439
Operator: A. Ward, c/o R. D. Brendle, Route#4, Franklin, N. C.

The Miller Mica Mine is 4.6 airline miles N. 24° E of Franklin, Macon County, North Carolina. The mine is on the west side of a south flowing tributary of Wantauga Creek.

This project was terminated by mutual consent because of unsafe conditions. No pegmatite or mica was found; therefore, no certification of discovery should be issued. Additional exploration at this deposit is not warranted.

Work consisted of cutting a bulldozer cut in preparing an adit portal and driving 34 feet of crosscutting adit in weathered mica gneiss. The project began on November 18, 1952. In January 1953 a slide of hillside occurred and work was suspended. By April the hillside had moved approximately three feet along two zones and adit timbers had been moved about 18 inches. The field examiners and the operator decided that additional work in the disturbed ground would be unsafe and that work outside the moving area had little possibility of discovering worthwhile mica deposit; therefore the project was terminated by mutual consent on April 24, 1953.

No additional data on geology other than that given in the original examination report was provided by the work completed under this contract.

Expenditures:

(a)	Total approved	$3,800.00
(b)	Total Cost of Project	1,490.00
(c)	Government's Share of Cost	1,341.00
(d)	Government's share unexpended	2,079.00
(e)	Value of production -- None	

The operation was conducted in a satisfactory manner. No equipment was purchased for this project as it was on a unit basis.

June 26, 1953.

Kefton H. Teague, USGS.

Lawrence E. Shirley, USBM

SM

April 27, 1953

To: Operating Committee, D M E A - Washington

From: Field Team, D M E A- Region 7

Subject: DMEA-Docket No. 2619, Contract No. Idm-E439 (mica) Miller Mine, Operator: A. Ward.

As a result of the safety inspection by Roy G. Stott, Mining Health and Safety Engineer, U. S. B. M., exploration at this mine was suspended on January 7, 1953. Suspension was caused by subsidance of the hillside in which a crosscutting adit was being driven, which caused the adit timbers to move near the portal. No work has been conducted on the project since the above date.

On April 24, 1953, L. E. Shirley of the U.S.B.M. and K. H. Teague, and D. M. Larrabee of the U. S. G. S., accompanied Mr. A. Ward to the mine to inspect the condition of the adit and the amount of subsidance that had occurred since the January visit. The top of the adit timbers have been displaced approximately 18 inches and all timbers are taking considerable weight. The Field Team is in agreement that any future work in the adit will be unsafe, thus it should be abandoned permanently.

Two zones are present at the surface along which subsidance has occurred. The upper crack shows about 18 inches of horizontal, and 18 inches of vertical displacement and the lower crack shows about 12 inches of horzontal and the same amount of vertical displacement. Thus, the total movement has been more than two feet on the incline. Any future underground work in this block of disturbed ground will be unsafe.

As there is little possibility of discovering a worthwhile deposit of strategic mica outside the block of disturbed ground, the Field Team believes that the proper action to take is to terminate the project.

Three Executed copies of the Termination by Mutual Consent are transmitted herewith. One copy has been given to the Operator, one to the Regional Finance Officer, and one retained by this office.

Wm. A. Beck

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

Benjamin Gildersleeve

Benjamin Gildersleeve
U. S. Geological Survey

cc: Beck
Laurence
Opr. Com-3
Finance Office
Lynch

[redacted]

[illegible]

[illegible]

[illegible]

[illegible] of [illegible] Creek.

This project was reopened during the winter [illegible] because of a landslide which occurred in early January, 1953. This project has been visited periodically to see if additional [illegible] had occurred. Purpose of this visit was to determine if conditions were such that the operator could resume work. It was decided that existing conditions would not permit any further work in the slide area. The field examiners suggested a new approach to the target, outside and to the south of the slide area, but this was not acceptable by the operator. Mutual consent agreements to discontinue the project were signed by the operator.

D. H. Harrabee, Commodity Specialist, U. S. Geological Survey, accompanied the field examiners on this visit to the mine.

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

K. D. Tessum, Geologist
U. S. Geological Survey

April 24, 1953

Noted
5/11/53
[illegible]

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

128

Budget Bureau No. 42-R1036.3. Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER AND SCHEDULE OF PAYMENTS NOR - 47

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Jan, 1953 Docket No. DMEA 2619 Contract No. IDM-E439

Operator's Name A. Ward Minerals Mica

Address Franklin, N.C. Rt. 4 -

Contract Amount, $ 38 00 Government Participation: 90% Amount, $ 34 20

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	140 00	1050 00	1190 00	140.00	1,050.00	1,190.00
Drifting		300 00	300 00		300.00	300.00
Prep. portal site						
(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	140 00	1350 00	1490 00	140.00	1,350.00	1,490.00

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

Date Jan. *Payee A. Ward

Per Mrs. J. R. Berry Title A. Ward

*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:

$ 126.00

Signature Cora A. Piper (Authorized Certifying Officer)

Date MAR 10 1953 Vou. No. 128 (See other side)

3

14.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tdm-E439 in accordance with the terms of the contract.

Signature Lawrence C. Shirley Title Mining Engr. U.S.B.M. Date March 2, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date MAR 4 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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 18 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Jan. 1953 Docket No. DMEA 2619 Contract No. IDM-E439
Operator's Name A. Ward Minerals Mica
Address Franklin, N.C. Rt. 4

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.	140.00	4	1190.00	34	35.00		
Crosscutting								
Raising Prep. Portal Site.	Cu. yds.			300.00	1496	.27		
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		140.00	4	1490.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		140.00		1490.00				

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

Date Jan. 1953 Operator A. Ward

Per Mrs. J. R. Berry Title A. Ward

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

DHEA-2619 Idm-E 439

Diary of work at Millco Mine.

Jan. 1 -	Cut	tunnel	1½ ft.
Jan. 2 -	"	"	1½ ft -
Jan. 3	"	"	1 - foot.

Did not work remainder of month as the mountain above tunnel was cracked & indications of a large slide.

600

February 26, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Review of Amendment No. 1 - Docket No. DMEA-2619 - Mica
A. Ward
Miller Mine
Macon County, North Carolina

Purpose: Twofold - To allow winter recess and to wait for completion of land movement affecting the adit.

Method: Amend Article 3 to allow eight months instead of four months for completion.

Recommendation: Concurrence.

Justification: The amendment is necessary to allow time for completion of earth movement that affects the adit. The recess will also avoid some high cost winter work.

Execution: Amendment No. 1 was executed January 8, 1953, in the field by the Executive Officer of Region VII.

SAF

Stanley A. Feitler
Nonmetallic Minerals Division

SAFeitler:gad 2/26/53
Copy to: Admr. R. File
Docket File
Mr. Houk

INTERIM REPORT

IMEA-2619 Idm-E439 (mica) MILLER MINE

OPERATOR: A. Ward, c/o R. D. Brendle, Route # 4, Franklin, N. C.

LOCATION: 4.6 airline miles N 24° E of Franklin, Macon County, North Carolina and on the west side of a south flowing tributary of Nantauga Creek.

This project was halted temporarily on January 8, 1953 because of slide conditions existing above the adit site that threatened existing work. A crack developed on the southeast end of the open cut (see sketch map), ran in a curving northwesterly direction for 80 - 100 feet and then cut gradually to the northwest. The adit location is near the north end of the open cut. As the crack widened, slippage occurred and excess slide material now rests over the adit. Existing stulls were moved as much as 1 foot in the direction of the portal. The operator was contacted and expressed a desire to continue work because of lease conditions. We had previously advised waiting until some settling had taken place, preferably until winter weather conditions were alleviated, but the operator is still insistent on going ahead with the operation. If operations are resumed, he should set his stulls on a maximum of 2 feet centers and sprag between existing timbers and portal uprights, and use top and side lagging where necessary. About 34 feet of adit had been driven as of January 8, 1953. Material removed consisted principally of micaceous schist with occasional stringers of pegmatite material interfingering the schist.

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

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

January 27, 1953

SF 2/25/53

Operator advised field examiners on 2/13/53 that work on this project will be suspended until May 1953.
Teague.

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

Mr. Leitch

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 8 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Dec. 31, 1952 Docket No. DMEA 2619 Contract No. IDM-E439
Operator's Name A. Ward. Minerals mica
Address Franklin, N.C.
Contract Amount, $ 3,800.00, Government Participation: 90% Amount, $ 3,420.00.
To R.D. Brenble.

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	$1,050.00	~~$300.00~~	13,50 00	1050.00		1050.00
Preparation of portal site		300.00 LES	300 00		300.00	300.00
(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	$1,050.00	$300.00	13,50 00	1050.00	300.00	1,350.00

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

Date Dec. 31, *Payee A. Ward

Per Mrs. J.R. Berry Title A. Ward

*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:

$ 945.00

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

105.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E439 in accordance with the terms of the contract.

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title Executive Officer Date Jan 5, 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:

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(*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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 8 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Dec. 31 195 2 Docket No. DMEA 2619 Contract No. IDM-E439
Operator's Name A. Ward
Minerals mica
Address Franklin, N.C. Rt. 4.
J. R. D. Beasley

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
Preparation of ~~Drifting~~ portal site	Cu yds	~~$10.50~~	~~30~~	$3.80	1496	.27	1496	.27
~~Crosscutting~~ Drifting LEB	FA	1050.00	30	1050.00	30	35.00	100	35.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1,050.00	$30 ~~1,350.00~~	13,50.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1050.00		1350.00				

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 Dec. 31 Operator A. Ward

Per Mrs. J. R. Beasley Title A. Ward

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

Dec 9, Drifting — 3 1/2 ft. work at Miller Mine for Mo. of Dec. 1952
Dec. 10, no work
Dec. 11 Cut tunnel — 3 ft.
Dec. 12. no work.
Dec. 13, " "
Dec. 14 " "
Dec. 15, Cut timber for mine.
Dec. 16, Cut tunnel — 5 ft.
Dec. 17, Drig 3 1/2 ft. to timber tunnel.
Dec. 18, Cut tunnel — 3 ft.
Dec. 19, timbered tunnel — 3 ft.
Dec. 20, no work
Dec. 21, " "
Dec. 22 Cut tunnel — 3 ft.
Dec. 23, no work
Dec. 24, " "
Dec. 25, " "
Dec. 26 " "
Dec. 27 " "
Dec. 28 " "
Dec. 29, Cut tunnel — 3 ft.
Dec. 30, no work
Dec. 31, Cut tunnel — 3 ft.

EA-2619
Idm-E439

Feather

INTERIM REPORT

MRA-2919 Idm-2439 (mica) MILLER MINE

OPERATOR: A. Ward, c/o A. L. Brandle, Route # 4, Franklin, N. C.

LOCATION: 4.5 airline miles N 24° E of Franklin, Macon County, North Carolina and on the west die of a south flowing tributary of Cautauga Creek.

Starting date on this contract should be changed from October 19, 1952 to November 19, 1952. This visit to the mine was made in the company of A. Ward. Preparation of portal site has been completed and crosscut work has begun in a S 50° W direction. This crosscut has been driven about 21' and has been timbered with lofting all of this distance. Material encountered is micaceous schist and a small amount of pegmatite material occurred at about the 20 foot mark. A few small pieces of mica which is flat, hard and ruby in color were from this pegmatite stringer. Operator has three men on the job and progress on project is satisfactory.

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

December 19, 1952

Noted 1/22/53 SAF

Mrs. Fuller

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
SOUTHEASTERN REGION
REGION VII

OFFICE OF
REGIONAL DIRECTOR

P. O. BOX 217
NORRIS, TENNESSEE

December 19, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 22 1952

Memorandum

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

From: Administrative Officer, Region VII, Norris, Tennessee

Subject: Monthly reports and vouchers

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

Ida-E-314 Fred Arrowood
Docket No. DMEA-1875X
6th Payment - month of November
Amount $283.50

Ida-E-439 A. Ward
Docket No. DMEA-2619
1st payment - month of November
Amount $270.00
Starting Date: November 20, 1952

Helen R. Miller

Enclosures
CC: W. A. Beck
R. A. Lawrence
Region Files
Day Files

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Nov. 30, 1952 Docket No. DMEA 26 19 Contract No. 30-N-12439
Operator's Name J. Ward Minerals Mica
Address Franklin, N.C. Rt. 4.
Contract Amount, $ 3,800.00 Government Participation: 90% Amount, $ 3,420.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing Prep & Patrol Sec.	$300.00	0	300.00	300.00	—	300.00
Crosscutting						
Drifting						
(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	$300.00	0	$300.00	300.00	—	300.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Nov. 30, 1952 *Payee G. Ward
Per Mrs. J. R. Berry Title G. Ward

*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:

$ 270.00

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

30.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E439 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Dec. 11, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. A. Beck Title Acting Exec. Officer Region III Date 12-16-52

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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 22 1952

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

Month of Nov. 30, 1952 Docket No. DMEA 2619 Contract No. IDM-E439
Operator's Name A. Ward Minerals Mica
Address Franklin, N.C. Rt. 4
Mr. R.B. Blendee

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								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Prep portal site	Cu. yds.	300.00	1457	$300.00	1457	.21		
TOTAL DISTRIBUTED COSTS		$300.00	1457	$300.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date Nov. 30, 1952 Operator A. Ward

Per Mrs. J.R. Berry Title A. Ward

REMARKS: Changes Map to be made to Main Tunnel because of slide

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

Work at Miller Mine for Nov. 1952
Beginning 20th. of Month

DMEA-2619 Idm.E 439

Nov. 20 —	Bull dozing
Nov. 21 —	" "
Nov. 22 —	No work
Nov. 23 —	No work
Nov. 24 —	" "
Nov. 25 —	Bull dozing
Nov. 26 —	No work
Nov. 27 —	" "
Nov. 28 —	Bull dozing
Nov. 29 —	Bull dozing

Mm, Zeller

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 15 1952

INTERIM REPORT

DMEA-2619 Idm-E439 (mica) MILLER MINE

OPERATOR: A. Ward, c/o R. D. Brendle, Route # 4, Franklin, N. C.

LOCATION: 4.6 airline miles N 24° E of Franklin, Macon County, North Carolina and on the west side of a south flowing tributary of Satauga Creek.

This project began on November 19, 1952. No one was on the property at time of visit. Excavation by bulldozer to prepare the site for an adit portal is nearing completion. A cut 25 - 30 feet in width and 75 - 100 feet in length has been made and material has been moved to take care of water from a small stream near the cut. Progress on this project is satisfactory.

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

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

December 2, 1952

noted 12/17/52
SF

600

NOV 6 1952

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

Subject: Docket No. DMEA-2619 - Mica
Miller Mine
A[illegible]ard
Macon County, North Carolina

Dear Mr. Laurence:

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

If the contract meets with your approval, present it to the operator for his approval and signature. If any provisions are unsatisfactory to the operator, return all copies to this office along with suggested changes for consideration.

After signing of the contract, one copy is to be given to the operator, one copy retained for your files, one copy for the Regional Finance Officer, and the remaining copies, including the original, are to be returned to this office as soon as possible.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee

Approved.

J. H. Hedges

Member, Bureau of Mines

A. R. Brobst, Jr.

Member, Geological Survey

SAFeitler:gad 10/21/52
Copy to: Adm. R. File
Docket File
Operating Committee (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

Enclosures 6

P. S. Also enclosed is a copy of the contract for use of the field engineer.

Mr. A. Ward
C/o Mr. H. D. Brendle
Route 4
Franklin, North Carolina

Subject: Docket No. DMRA-2619 - Mine
Miller Mine
Macon County, North Carolina

Dear Mr. Ward:

The above application has been referred to Mr. Robert A. Lawrence, Executive Officer, DMRA Field Team, Region VII, Room 13, Post Office Building, Knoxville 2, Tennessee, for further information.

The description of the property under lease is vague but it may be adequate, if you will supply either a metes and bounds description or the book, page, and county of record for the tract on which the Miller Mine is located.

The lease provides too short a time to qualify for even a small program. Assistance has been approved for Operators having a three year lease when accompanied by the Owner's Consent to Lien. Can you obtain a longer lease or a two year renewal option instead of the present one year option?

Sincerely yours,

C. O. Mittendorf

Acting Administrator

SAPhitler:gad 8/25/52

Copy to: Admin. Reading File
Docket File
Operating Committee (2)
Field Team, Region VII (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Hook

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

Subject: Docket No. DMEA-2619 - Mica
Miller Mine
Macon County, North Carolina

Dear Mr. Lawrence:

Reference is made to the subject application for exploration assistance at the Miller Mine in Millshoal Township, Macon County, North Carolina.

Please arrange for a field examination at the Miller Mine to determine whether exploration assistance is warranted. A suitable exploration program should accompany a favorable report. A statement about the relationship of the mine area to the property owned by the lessors should be included.

For your information there are enclosed copies of memoranda from the Bureau of Mines and the Geological Survey.

Sincerely yours,

W. F. Keller
ACTING Chairman, Operating Committee

Approved:

C. V. Johnson
Member, Bureau of Mines

J. M. Lemmon
Member, Geological Survey

Enclosures 2

SAFutler:gad 8/25/52

Copy to: Admin. Reading File
Docket File
Operating Committee (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

October 14, 1952

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Resume - Docket No. DMEA-2619 - Mica
A. Ward
c/o R. D. Brendle
Route 4
Franklin, North Carolina
Miller Mine, Macon County, North Carolina

Conclusions:

Although the old workings are caved and inaccessible, the Miller Mine was apparently worked extensively in the past. Mica on the dump is ruby and the Field Team believes exploration is warranted.

The applicant's lease is for two years with an option to renew for one year. This is considered adequate inasmuch as the exploration program is small and Owner's Consent to Lien has been executed.

Recommendation:

Execute the attached contract which provides $3,300 to prepare the site and drive 100 feet of adit and drift.

Application received 7/18/52
requesting $2,198.00 to prepare site and drive adit to the pegmatite.
U.S.G.S. memo 7/21/52
Refer to field
U.S.B.M. memo 8/19/52
Refer to field
Field referral 8/25/52
Letter to applicant 8/25/52
Requesting longer lease.
New Lease received 9/14/52
Field Team report received 9/22/52
Recommends $3,300 for preparation of site and 100 feet of adit and drift.
U.S.G.S. memo 9/25/52
Concur with Field Report.
Letter to applicant 10/2/52
Requesting new Owner's Consent to Lien.

U.S.B.M. memo 10/3/52
Concur with Field Report.
New Owner's Consent to Lien forms received 10/10/52
Contract prepared 10/10/52
To Legal Division 10/13/52

Stanley A. Feitler
Nonmetallic Minerals Division

SAFeitler:gad 10/14/52

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

October 14, 1952

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Resume - Docket No. DMEA-2619 - Mica
A. Ward
c/o R. D. Brendle
Route 4
Franklin, North Carolina
Miller Mine, Macon County, North Carolina

Conclusions:

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Refer to field
U.S.B.M. memo 8/19/52
Refer to field
Field referral 8/25/52
Letter to applicant 8/25/52
Requesting longer lease.
New Lease received 9/18/52
Field Team report received 9/22/52
Recommends $3,800 for preparation of site and 100 feet of adit and drift.
U.S.G.S. memo 9/25/52
Concur with Field Report.
Letter to applicant 10/2/52
Requesting new Owner's Consent to Lien.

U.S.B.M. memo 10/3/52
Concur with Field Report.
New Owner's Consent to Lien forms received 10/10/52
Contract prepared 10/10/52
To Legal Division 10/13/52

Stanley A. Feitler
Nonmetallic Minerals Division

SAFeitler:gad 10/14/52

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

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

October 14, 1952

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Resume - Docket No. DMEA-2619 - Mica
A. Ward
c/o R. D. Brendle
Route 4
Franklin, North Carolina
Miller Mine, Macon County, North Carolina

Conclusions:

Although the old workings are caved and inaccessible, the Miller Mine was apparently worked extensively in the past. Mica on the dump is ruby and the Field Team believes exploration is warranted.

The applicant's lease is for two years with an option to renew for one year. This is considered adequate inasmuch as the exploration program is small and Owner's Consent to Lien has been executed.

Recommendation:

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Application received 7/18/52
requesting $2,198.00 to prepare site and drive adit to the pegmatite.
U.S.G.S. memo 7/21/52
Refer to field
U.S.B.M. memo 8/19/52
Refer to field
Field referral 8/25/52
Letter to applicant 8/25/52
Requesting longer lease.
New Lease received 9/18/52
Field Team report received 9/22/52
Recommends $3,800 for preparation of site and 100 feet of adit and drift.
U.S.G.S. memo 9/25/52
Concur with Field Report.
Letter to applicant 10/2/52
Requesting new Owner's Consent to Lien.

U.S.B.M. memo 10/8/52
Concur with Field Report.
New Owner's Consent to Lien forms received 10/10/52
Contract prepared 10/10/52
To Legal Division 10/13/52

SAF

Stanley A. Feitler
Nonmetallic Minerals Division

A. Ward 2619 10/17/52

~~Annex I~~ 3

Redundancy either "Descrip of the work"

or

The work is to be performed as follows:

No. Jackson Pl.
Washington, D.C.
Dr. Dauber
Lemuel Stockett & Fred Stewart
Engineers
Cong. Lab.
Johns Hopkins University
Baltimore, Md.

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-2619, Mica, Miller Mine, Macon County, Franklin, North Carolina

I concur in the field team's recommendation for an exploration program in the amount of $3,800.

W. F. Dietrich

Mr. A. Ward
c/o Mr. R. D. Brandle
Route 4
Franklin, North Carolina

Subject: Docket No. DMEA-2619 - Mica
Miller Mine
Macon County, North Carolina

Dear Mr. Ward:

Reference is made to the subject application for exploration assistance at the Miller Mine in Millshoal Township, Macon County, North Carolina.

Receipt of your new lease, dated September 1[illegible], 1952, is acknowledged.

A new Owner's Consent to Lien should be submitted reciting the date and property description of the new lease. As Fred Saunders signed the lease by mark, the Owner's Consent, if signed by him as Attorney in fact for the owners, should also be signed by mark and witnessed.

Enclosed are eight copies of Form MF-203, Owner's Consent to Lien. Please submit six signed copies.

Sincerely yours,

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Enclosures 8

S.A.Feitler:gad 10/1/52

Copy to: Admin. Reading File
Docket File
Field Team, Region VII
Mr. Norton, G-232 GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

600

OCT 2 1952

Mr. A. Ward
c/o Mr. R. D. Brendle
Route 4
Franklin, North Carolina

Subject: Docket No. DMSA-2619 - Mica
Miller Mine
Macon County, North Carolina

Dear Mr. Ward:

Reference is made to the subject application for exploration assistance at the Miller Mine in Millshoal Township, Macon County, North Carolina.

Receipt of your new lease, dated September 12, 1952, is acknowledged.

A new Owner's Consent to Lien should be submitted reciting the date and property description of the new lease. As Fred Saunders signed the lease by mark, the Owner's Consent, if signed by him as Attorney in fact for the owners, should also be signed by mark and witnessed.

Enclosed are eight copies of Form MF-203, Owner's Consent to Lien. Please submit six signed copies.

Sincerely yours,

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Enclosures 8

SAFeitler:gad 10/1/52

Copy to: Admin. Reading File
Docket File
Field Team, Region VII
Mr. Norton, G-232 GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

IN REPLY REFER TO:
G-MD-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-2619 (Mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: R. E. Van Alstine, U. S. Geological Survey
Applicant: A. Ward, c/o R. D. Brendle, Route #4, Franklin, North Carolina.
Name of property: Miller mine.
Location of property: On tributary to Watauga Creek, 4.6 airline miles N. 24° E. of Franklin, Macon County, North Carolina.
Date of field team report: September 19, 1952.
Authorship of field team report: K. H. Teague, A. L. Peyton, L. E. Shirley.
Field team's recommendation:

Cut trench 10-12 feet deep, 20 feet wide, and 75 feet long to prepare face for driving a crosscutting adit. Adit to be driven 40-60 feet long westward to cut pegmatite. Drive 40-60 feet of drifts along pegmatite. Estimated cost $3,800.

Comments:

Tenure of lease and legal description of property still need clarification.

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 reading " " "
DMEA
Van Alstine G-230 " "
Norton files G-228 " "

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2619, MILLER MINE (Mica)

Applicant: A. Ward, c/o R. D. Brendle
Route #4, Franklin, North Carolina

By
Kefton H. Teague, Geologist
U. S. Geological Survey
-
-
A. L. Peyton, Mining Engineer
and
L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
9/24/52
(date)

September 19, 1952

Report of Field Examination on

DMEA-2619, MILLER MINE (mica)

Applicant: A. Ward, c/o R. D. Brendle
Route #4, Franklin, North Carolina

The Field Team recommends that a trench be cut 10-12 feet deep, 20 feet wide and 75 feet long to prepare face for driving a crosscutting adit. After the face is prepared an adit from 40 to 60 feet long should be driven westward from the cut to intersect the pegmatite and from 40 to 60 feet of drifts driven along the pegmatite to explore it for its mica content. Estimated cost of the exploration are as follows:

Excavate trench 10 x 20 x 75 feet	
Bulldozer 30 hrs. @ $10/hr.	$300.00
100 feet of crosscut or drift @ $35/ ft.	$3500.00
Estimated Cost	$3800.00

Estimated time required 60 shifts.

Field Team examination of the property was on September 11, 1952 with Mr. A. Ward. Two hours were spent on the examination.

The Miller Mine is on the west side of a south-flowing tributary of Watauga Creek, 4.6 airline miles N. 24° E., of Franklin, Macon County, North Carolina. The mine can be reached from Franklin over 4 miles of U. S. Highway No. 23, and one mile of poor logging road.

The Applicant is actively mining mica at the present. He appears to be honest and competent.

This property is held by Mr. Ward under a ~~one~~ two (renewable) year lease, with an option to extend the lease for one additional year. The need for a longer lease was discussed, and Mr. Ward stated that he would attempt to secure an amendment to the lease providing for a two year extension. Also the need for a clearer legal description of the property under lease was discussed with Mr. Ward. Area covered by the lease is adequate for the project.

The mine is owned by the heirs of Matt Sanders, and has been worked in the past by J. P. Burleson, B. C. Grindstaff, Reid, and Fortner. Harley Brendell operated it in April 1944, and Jim Sanders worked it for a very short time in November and December of the same year. Very little mica was obtained from these last operations. A series of small open cuts, shafts and crosscuts extends for 450 feet N. 10° to 20° E. All of the openings have either caved or were originally very shallow. From the size of some dumps extensive work must have been done in pegmatite from some of the crosscuts.

The foliation of the mica gneiss strikes N. 10° E., and dips 55° E. The pegmatite bodies, which are probably concordant, are not exposed, but the position of the workings suggests that two parallel bodies, 3 to 5 feet or perhaps more thick and 65 feet apart, have been mined. The dumps contain blocks of massive white quartz, pods of "burr rock," weathered feldspar (chiefly plagioclase), a little biotite, and muscovite. About 1/3 of the light brown mica is slightly specked but the rest is clear. The books are flat, free splitting, and generally of good quality. The dumps are rich in books 1 inch or less in diameter.

The applicant's proposal is essentially the same as that recommended by the Field Team.

The locations and extent of the proposed work is shown in the summary and on the sketch map.

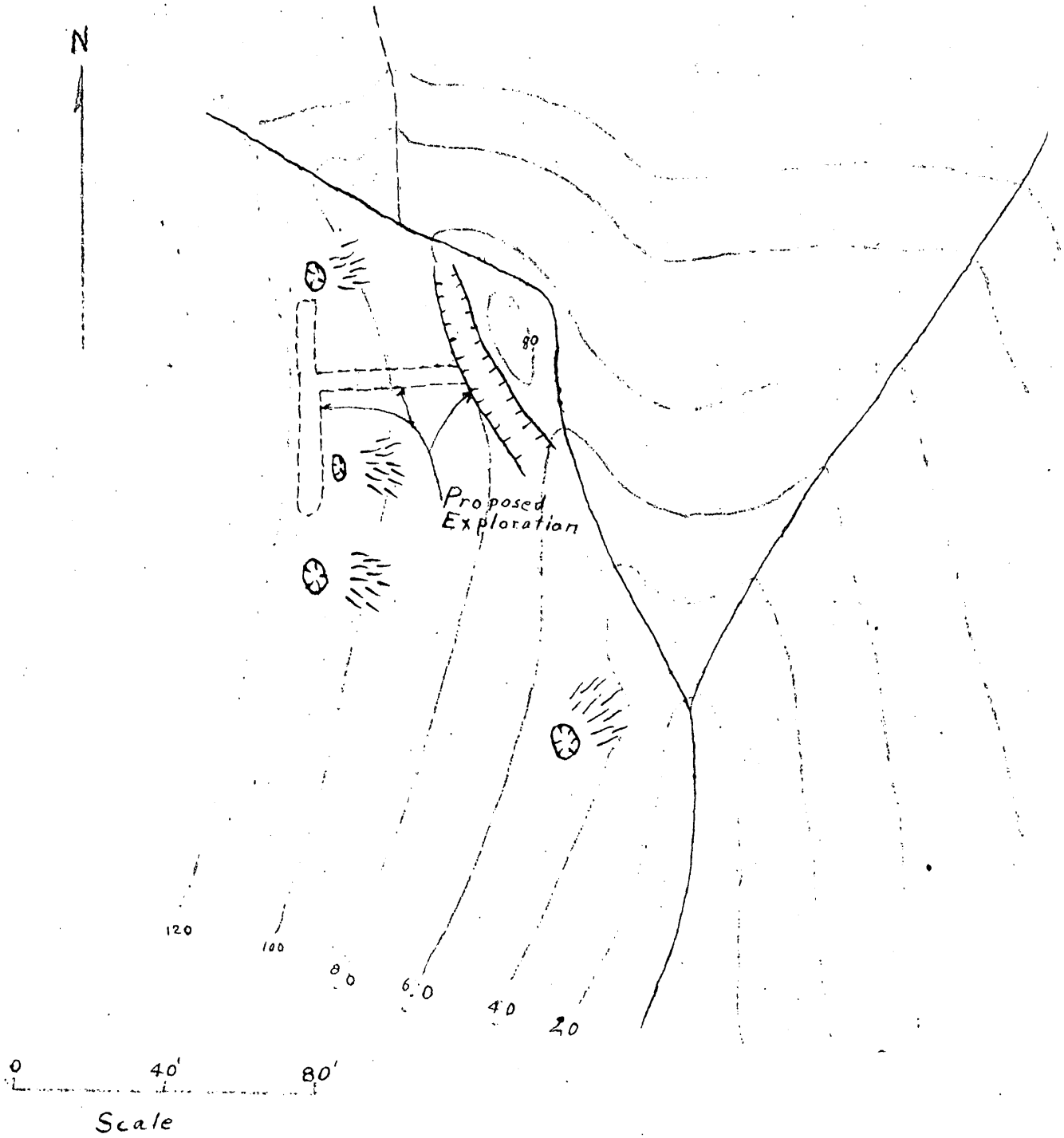
September 9, 1952.

K. H. Teague, USGS

A. L. Peyton, USBM

L. E. Shirley, USBM

zm



Sketch of
Miller Mine
Macon Co., N.C.

DMEA-2619(mica)

Sao
Omea 2619

NORTH CAROLINA
MACON COUNTY

THIS LEASE AGREEMENT, Made and entered into this the 12th day of September, 1952, by and between, JIM SANDERS, single, FRED SANDERS, single, FURMAN SANDERS, single, PEARL BRENDLE and husband, H. T. BRENDLE, MARGIE HOPKINS and husband, J. P. HOPKINS, CORDIE SCOTT and husband, R. L. SCOTT, and CALLIE SANDERS and husband, SAM SANDERS, of Macon County, North Carolina, parties of the first part, and A. WARD, of Mitchell County, North Carolina, party of the second part,

WITNESSETH:

That the said parties of the first part for and in consideration of the sum of One Dollar to them paid by the party of the second part, the receipt of which is hereby acknowledged, and subject to the terms and conditions hereinafter set forth, have let and leased and by these presents do hereby let and lease unto said party of the second part the mica and mica mining privileges upon the following described land, to wit:

> That part of the Miller Mine in Millshoal Township owned by parties of the first part that lies on the left side of the branch as you go up the same, with the right to follow the vein and mine the same if it goes across the branch, being a part of the land described in deed dated 16 day of Nov., 1905, and recorded in the office of the Register of Deeds for Macon County, N. C., in Deed Book II, page 182.

The terms and conditions of this lease are as follows:

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

2. The party of the second part agrees to pay to parties of the first part a royalty of one-seventh (1/7) of the gross selling price of all minerals removed from said property.

3. Party of the second part agrees to make royalty payments on the 10th day of each month for all mica removed during the preceding month, and parties of the first part agree that said payments may be made to Fred Sanders as agent for all of the owners of said property, and his receipt shall be sufficient to bind all the owners of said property.

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

5. The term of this lease shall be two years from this date.

6. If the party of the second part shall fail to commence operation of the mine upon said property on or before thirty days from this date, or fail to operate the mine for any period of sixty days, the parties of the first part, at their option, may declare this lease terminated and of no further force and effect, and upon notice to the party of the second part of such termination, the said party of the second part shall surrender to said parties of the first part immediate possession of said property.

7. Should the party of the second part fulfill all the terms of this lease, he shall have the right at the expiration of the same to renew the lease upon the same terms for an additional period of one year.

8. The parties of the first part, with the exception of Fred Sanders, do by this agreement authorize the said Fred Sanders to execute any papers necessary in connection with any government loan that might be secured by the said A. Ward for the operation of said property such as owners consent to lien, and do hereby appoint him Attorney in Fact to execute such papers in

our name and stead.

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

Fred his + Sanders (SEAL)

Jim his + Sanders (SEAL)

Mrs H. T. her + mark Brendle (SEAL)

H T his + mark Brendle (SEAL)

Margie Hopkins (SEAL)

Cordie Scott (SEAL)

R. L. Scott (SEAL)

John D Hopkins (SEAL)

Sam Sanders (SEAL)

Collie Sanders (SEAL)

Jimmie his + mark Sanders (SEAL)

G. Ward (SEAL)

NORTH CAROLINA
MACON COUNTY

Personally appeared before me this day JIM SANDERS, single, FRED SANDERS, single, FURMAN SANDERS, single, PEARL BRENDLE and husband, H. T. BRENDLE, MARGIE HOPKINS and husband, J. P. HOPKINS, CORDIE SCOTT and husband, R. L. SCOTT, and CALLIE SANDERS and husband, SAM SANDERS, and A. WARD, who acknowledged the due execution of the foregoing lease agreement for the purposes therein expressed.

WITNESS my hand and notarial seal, this 13th day of September, 1952.

J. M. Raley

~~Notary Public~~, Macon County, N. C.

NORTH CAROLINA, Macon County.

The foregoing certificate of J. M. Raley ~~Notary Public~~ of Macon County, State of N. C., ~~attested by his/her notarial seal~~, is adjudged to be correct.

Let the instrument, with the certificates, be registered.

Witness my hand and official seal, this 15 day of September, 1952

Kate McGee
CLERK SUPERIOR COURT.

Filed for registration on the 15 day of Sept. 1953 at 11:00 o'clock A M., and registered and verified in the office of the Register of Deeds for Macon County in Book No. C-6, Page 9

This 15 day of Sept. 1953

Cecil Sharpe

Register of Deeds for Macon County