DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Idm-E NO. 476

DMEA NO. 2327

Application
- [ ] Denied
- [ ] Withdrawn

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

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

Folder No. 1:

Left Side

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

Right Side

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

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

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

Additional Folders:

Left Side

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

Right Side

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

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

Folders No. _____ : Settlement Sheets

Folders No. _____ : Drill Logs

Folders No. _____ : Royalty material

17963

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Division of Nonmetallic Minerals, Office of Minerals Exploration, Washington, D. C., pertaining to Contract No. Idm-2476, Docket No. DMEA-2327 (Mica), dated January 16, 1953, with

Andrew W. Reid
P. O. Box 489
Franklin, North Carolina

for the purpose of determining the amount of royalty due the U. S. Government on sales of mica from property referred to as May Mine located in Macon County, North Carolina, during the period March 19, 1955, through April 17, 1959.

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

My review established the total sales of mica for this period to be $656.70. Royalty due the U. S. Government at the contract rate of 5 percent is $32.84. A prior report of royalty review dated March 21, 1955, stated the sales of mica through March 18, 1955, to be $2,390.06 and the royalty at 5 percent to be $119.50. The royalty account was stated as follows:

Total Royalty Due	$119.50
Total Royalty Paid	119.50
Balance of Royalty Due	$ -0-

As of April 17, 1959, the royalty account of this project was found to be:

Total Royalty Due	$152.34
Total Royalty Paid	152.34
Balance of Royalty Due	$ -0-

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

April 21, 1959

ANDREW W. REID

Contract No. Idm-Eh76 Docket No. DMEA-2327

STATUS OF PROJECT, DESCRIPTION
OF REVIEW AND REASONS THEREFOR

A certification of discovery or development was issued on August 3, 1953, and, in accordance with Article 9 of the contract, royalty is payable on the net value of production from the land described in Article 2 during a period of 10 years from the date of the contract or until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first. A report of review in lieu of final cost audit dated April 16, 1953, indicated accepted costs amounting to $1,809.00 with the Government's contribution, on a 90 percent basis, being $1,628.10.

My review consisted of a tabulation and recomputation of copies of settlement statements furnished by the Executive Officer, OME Field Team, Region V, pertaining to royalty receipts subsequent to March 18, 1955, and reconciliation of such receipts with copies of deposit slips furnished by the regional finance office. The last receipt of royalty included in this report related to sales of scrap mica during July and August, 1955, to S. Lyn Young on which royalty amounting to $10.19 was deposited in Hamilton National Bank, Knoxville, Tennessee, by Deposit Slip No. 14-23-070-18 dated August 11, 1955.

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

(1) Field investigations by a representative of OME Field Team, Region V, indicate that there has not been any production from the mine since about July, 1955, all production has been reported, and the royalty due to the Government has been received; and

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

MME Form 22
April 59

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name Andrew W. Reid

Address P.O. Box 489

Franklin, North Carolina

Exploration Contract No. 476 Docket No. 2327

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

APR 17 1959
Date

Original signed
Wm A Beck
Mining Engineer

53362

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF SECOND ROYALTY REVIEW

I have reviewed all copies of settlement sheets on file with the Executive Officer, DMEA Field Team, Region V, applicable to royalties collected on the sales of mica for the period January 16, 1953, to March 18, 1955, by:

Andrew W. Reid
P. O. Box 489
Franklin, North Carolina

produced from property referred to as the May Mine located in Macon County, North Carolina, under terms of Contract Idm-E476, Docket No. DMEA-2327.

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

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

(1) This account was previously reviewed by Mr. B. J. Brekhus as indicated by his Royalty Audit Memorandum dated July 28, 1954.

(2) A check of the records of the General Services Administration Mica Purchase Depot, Spruce Pine, North Carolina, did not disclose any sale of mica produced from this mine on which royalties have not been paid to the U. S. Government.

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

The review established the total sales of mica for this period to be $2,390.06. Royalty due the U. S. Government at the contract rate of 5 percent is $119.50. The royalty paid and balance due are as follows:

Total Royalties Due	$119.50
Total Royalties Paid	119.50
Balance of Royalties Due	$ -0-

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

March 21, 1955

FILE COPY
SURNAME:

140

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

Rewritten by

Houk
Chambers
AEKane
Hoffland
Chambers
Kinhill
Hedges
Hedges
Johnson

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

To: Andrew W. Reid
P. O. Box 489
Franklin, North Carolina

Pursuant to the provisions of Exploration Project Contract No. Im-E476, dated January 16, 1953, (Docket No. DMEA-2327), hereinafter called the "contract" between you and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made has resulted from the exploration work.

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

As a result of the work performed under this contract, there are indications that strategic mica and scrap mica may be produced from this property. A pegmatite with an average thickness of 12 feet was exposed over a length of 150 feet and a vertical distance of 50 feet.

THE UNITED STATES OF AMERICA

By O Mitteudorf
Administrator, Defense
Minerals Exploration
Administration

Dated: AUG 3 1953

LGHouk/AEKane/ema 7-29-53
copy to: Mr. Edmund F. Mansure, DMPA
Mr. Thayer, 5216 GSA Bldg.
Admr. R. File
Mr. Hedges, 4604,
Docket File
Field Team, Region VII
Operating Committee
Mr. Chambers
Mr. Johnson
Mr. Houk
Finance Office

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
1/29	Murphy	500
	[illegible]	500
1/29	Talbert	500
	Selfridge	120
1/30	Johnson	110
1/30	Fumich	100
		220

JAN 30 1963

Mr. Andrew W. Reid
P. O. Box 489
Franklin, North Carolina

Re: DMEA-2327 (Mica)
Andrew W. Reid
May Mine
Macon County, North Carolina
Contract Idm-E476

Dear Mr. Reid:

By the terms of the subject Exploration Project Contract and the certification of discovery or development dated August 3, 1953, all minerals mined or produced from January 16, 1953, to January 16, 1963, were subject to the Government's royalty as set forth in said contract.

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

Sincerely yours,

George Fumich, Jr.

Director

(RA)

FMMurphy/mm
1/29/63
cc: Director's Reading File
CA&A Division
Region IV (2)
Docket
Code 500

43683

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Report of:

Andrew W. Reid

P. O. Box 489

Franklin, North Carolina

pertaining to Contract No. Idm-1476, Docket No. DMEA-2327, for the month of March, 1953, covering a project for the exploration of mica.

My review included an examination of the Monthly Report (Form 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 reasons:

(a) the administrative cost to the Government of an audit would be excessive in relation to value of the contract or the estimated amount of possible disallowances thereunder; and

(b) a major portion ($1,000.00) of the costs covered bulldozing which was documented by a receipted invoice.

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

Total cost as billed by Contractor		$ 1,809.00
Exceptions:		
By DMEA Finance Officer	$ - 0 -	
Herewith	- 0 -	-0-
Total Accepted Cost		$ 1,809.00

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 One thousand six hundred twenty-eight and 10/100 Dollars,

— $ 1,628.10 —

is considered valid and proper.

April 16, 1953

E. D. Talbert, Auditor

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 30 1953

DOCKET NO. DMEA 2327

COMMODITY Mica

Docket Copy

IDM-E 476

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

EXPLORATION PROJECT CONTRACT[1]

IT IS AGREED this 16th day of January, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Andrew W. Reid
P. O. Box 489
Franklin, N. C.

hereinafter called the "Operator," as follows:

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

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of North Carolina, County of Macon, described as follows: Being the lands described in a certain deed from Eliza McConnell and Kate Hall to A. W. Reid, dated Feb. 17, 1923 and registered in Book I-4 at page 233, Record of Deeds for Macon County, N. C., and being State Grant No. 3337, known as the May Mine, containing 100 acres more or less

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 claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: None

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

ARTICLE 3. *Exploration project.*—The Operator, within 60 days from the date of this contract shall commence work on a project of exploration for[5] Mica

in or upon the described land; and shall bring the project to completion within a period of 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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 8. *Payments by the Government.*—(*a*) The Government will pay 90 percent of the allowable costs incurred, as they accrue, in an aggregate total amount not in excess of $1,710.00, which is 90 percent of $1,900.00, the agreed, estimated total cost of the project in which the Government will participate; *Provided,* that until the Operator's final report and final accounting have been rendered to the Government, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract.

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 13. *Changes and added provisions.* _____

_____

_____

_____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

Andrew W. Reid
(Operator)

By A. W. Reid

By C. J. Mittendorf
Administrator, Defense Minerals Exploration Administration

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—66328-1

EXPLORATION PROJECT CONTRACT
ANDREW W. REID
DOCKET NO. DMEA-2327

EXHIBIT "A"

Description of the Work

Excavate a trench not more than 12 feet wide at the bottom and approximately 125 feet long as shown on the map entitled "Figure 1 - May Mica Mine, Macon County, North Carolina - DMEA-2327" attached hereto and made a part hereof.

Excavate a series of cuts, each not more than 50 feet long by 12 feet wide, at the bottom, approximately as shown on the map entitled "Figure 2 - Proposed Prospecting at 'Adit A' - May Mica Mine - Macon Co., N. C. - DMEA-2327" attached hereto and made a part hereof.

Excavate test pits whose number, location, and depth shall be specified by the Government.

Estimated Costs of the Project
(*Indicates allowable maximum)

(1) Independent Contracts

Bulldozer - Caterpillar D6 or equivalent - $10.00/hr. for 100 hrs. actual operating time (including cost of operator, fuel, oil, supplies & repairs; the time used in transportation to and from job site may be charged at not over $5.00/hr.)	$1,000.00*

(2) Labor, Supervision, Consultants

3 laborers @ $1.00/hr. 20 shifts each	480.00
1 Working foreman @ $1.50/hr. for time actually worked not to exceed 20 - 8/hr. shifts	240.00*

(3) Operating Materials and Supplies

Hand tools	47.00

(4) Operating Equipment

None

(5) Rehabilitation and Repairs

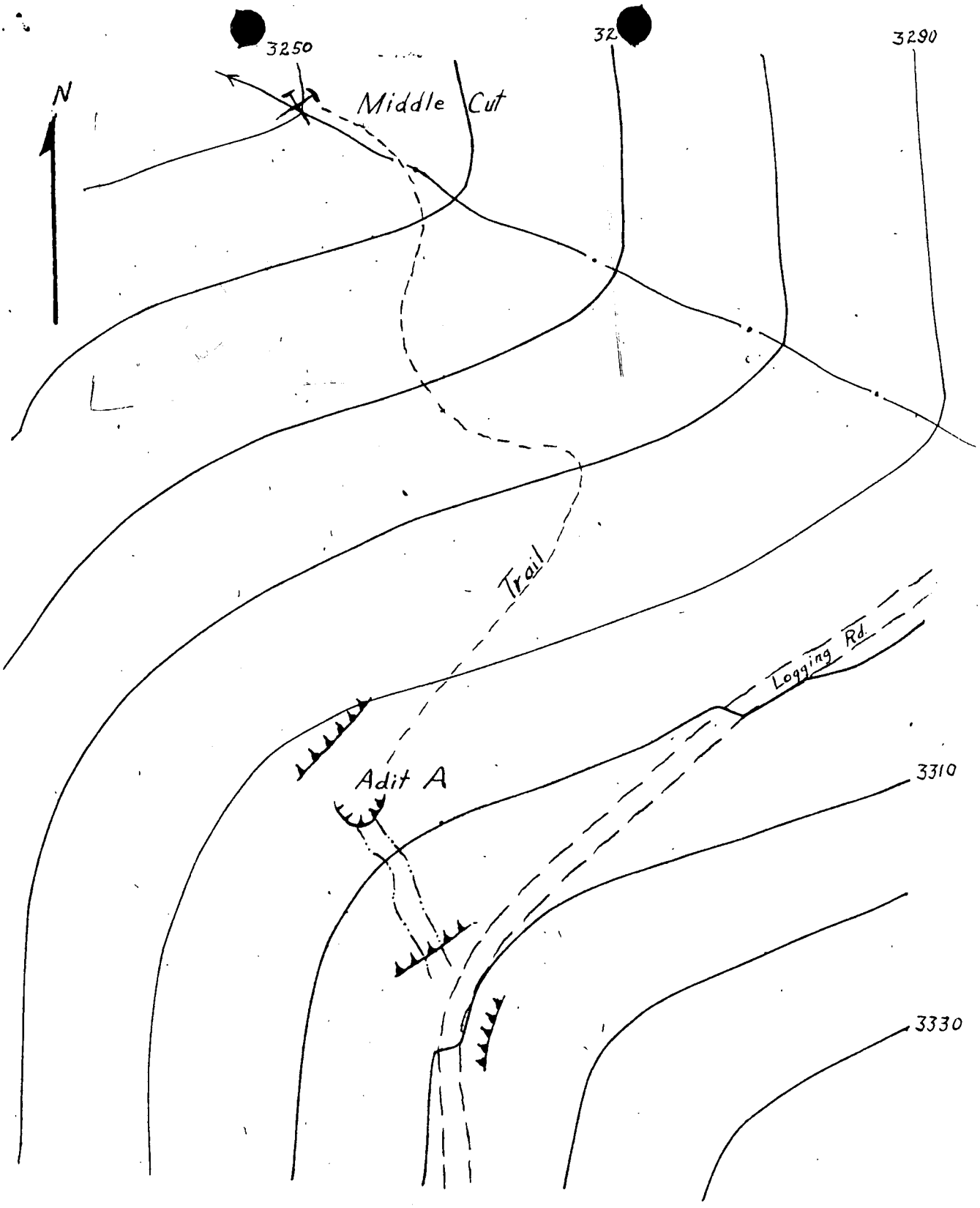
None

(6) New Buildings, Improvements, Installations

None

(7) Miscellaneous

Jeep transportation - 900 miles @ $0.07/mile	$ 63.00	
Workmen's compensation and employers' liability insurance and payroll taxes	70.00	
Total Estimated Cost of Project		$1,900.00*
Government Participation @ 90%		$1,710.00*



DMEA-2327

Scale 1" = 60'

Figure 2

Proposed Prospecting
at "Adit A"
MAY MICA MINE
Macon Co. N.C.

Proposed Open Cut

LARGE FORMAT DOCUMENTS AT END OF FILE

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMEA-2327
Metal or Mineral
Date Received 1-15-52
Amount $
Participation (Government %)

A. W. REID
P. O. BOX 489
FRANKLIN, N. C.

MAY MINE

Name and address of applicant

Date 1/8/52

If you have already filed MF-100, give date filed attached, type of assistance requested exploratory aid,

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

DEFENSE MINERALS ADMINISTRATION WASHINGTON JAN 15 1952

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

   (b) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (c) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area. Both areas are the same

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (a) What metals or minerals do you expect to find? - STRATEGIC MICA -

   (b) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. none

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project? 10%

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)? yes

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

CERTIFICATION

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

A. W. REID
(Name of company)

By A. W. Reid
(Signature of authorized official)

1/8/52
(Date)

Owner
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2327

Date received 1-15-52

A. W. REID
P. O. BOX 489
FRANKLIN, N. C.

MAY MINE

Name and address of applicant

Date 1/8/52

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

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

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 14 miles N.E. of Franklin
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Cowee
   (*d*) County, State. Macon County, N. C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

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

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production: THIS IS AN APPLICATION FOR EXPLORATORY AID. PRODUCTION WILL START UPON COMPLETION OF SAME.

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

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

12. Ore or Mineral Reserves:

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

MF-103 A. W. REID P. O. BOX 489 FRANKLIN, N.C. MAY MINE 1/8/52

1. DESCRIPTION: BEING the lands described in a certain deed from Eliza McConnell and Kate Hall to A. W. Reid, dated February 17, 1923 and registered in Book I-4 at page 233, Record of Deeds for Macon County, N. C., and being State Grant No. 3337, known as May Mine, containing 100 acres more or less.

2. (b) Property lies within the main mica belt of the Franklin District and close to (on same lead) several producing mica mines of record, such as the Beasley No. 1, Mary, Lyle Knob etc. It is located at the head of Mica City Creek. During the years applicant has owned this property he has explored it completely. There are at least 15 sections along the heart of this vein which can be opened, with sufficient exploratory aid, to release vast quantities of Strategic Ruby Mica. During the last year of World War 11, applicant opened a tunnel in one section (about 15 feet deep) and extracted over $28,000.00 worth which was sold to Colonial Mica Co. This mine lies 3000 feet east of the Mary Mine at which exploratory work has recently been completed with highly satisfactory results.

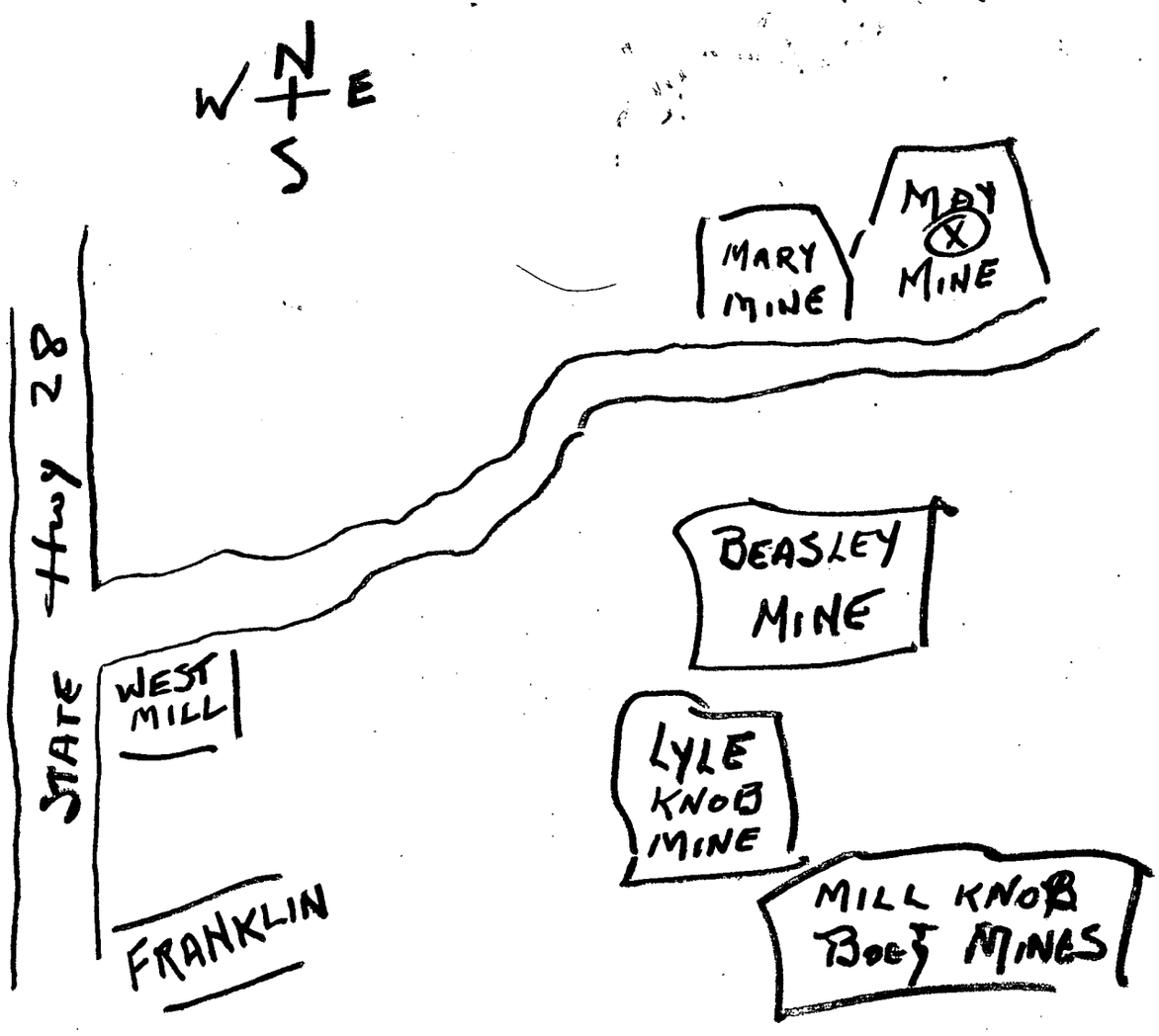
3. It is proposed to dozer-trench an area which will open 3 to 5 veins for open cut, shaft and tunnel operation. This exposure will be cross cut and test pits sunk to determine vein dip and size. (Vein, at point of past working, was exposed to a width of over 8 feet.
Work will start upon granting of aid and be completed within 40 working days.

6 - 9. These items are covered in "Cost of Project".

COST OF PROJECT:

Dozer trenching; 5 cuts, each approx. 100 feet long, 25 feet wide, 15 feet deep. 250 hours @ $10.00 per hr.	$2,500.00
Miscellaneous Hand Tools	240.00
Jeep Rental - 40 days @ $6.00 per day	240.00
Misc. Expenses, sampling, office, supplies, payroll taxes, etc.	200.00
1 Engineer-Superintendent, 30 days @ $20.00 per day	600.00
5 Miners - 40 days each @ $10.00 per day each	2,000.00
1 Working Foreman - 40 days @ $15.00 per day	600.00
TOTAL COST	$ 6,380.00

- - - - - - -



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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

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

14. Water Supply:

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

15. Power:

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

16. Labor: none

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

17. Equipment and Facilities:

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

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

CERTIFICATION

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

A. W. REID
(Name of company)

By A. W. Reid
(Signature of authorized official)

1/8/52
(Date)

Owner
(Title)

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

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

LARGE FORMAT DOCUMENTS AT END OF FILE

FILE COPY
SURNAME:

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

July 20, 1953

Memorandum

To: Mr. C. O. Mittendorf

From: Lawrence G. Houk

Subject: Closing Review of Docket No. DMEA-2327 - Mica
Contract No. Idm-E476
Date of Contract: January 16, 1953
Property: May Mine
Macon County, North Carolina
Applicant: Andrew W. Reid
P. O. Box 489
Franklin, North Carolina
Contract amount approved: $1,900.00
Total accepted cost: $1,809.00
Government's share @ 90% $1,628.10
Project work began: February 23, 1953
Project work completed: March 27, 1953

Project was certified for a discovery by letter dated July 21, 1953, from the Administrator, DMEA, to the Operator.

Docket Summary:

1/15/52	Application received - proposes trenching and sinking test pits at cost of $6,380.00.
1/18/52	Bureau of Mines memo recommends field referral.
2/8/52	Geological Survey memo recommends field examination.
2/19/52	Referred to Region VII
3/31/52	Field Team recommends trenching and test pitting at a total cost of $2,485.00.
4/3/52	USGS concurs with field team.
5/2/52	USBM concurs with field team.
5/9/52	Letter to Region VII requesting reappraisal to consider underground exploration.
5/14/52	Region VII reaffirms original proposal.
5/26/52	Letter from G. A. Purcell, GSA, mica acceptable to stockpile.
6/12/52	Irregularity with Pitt Mica Corp., Contract Idm-E87, DMEA-1140, of which company this applicant is part owner. Processing of this docket suspended pending correction of irregularity.

R.C.G. 8-3-53

12/16/52 Irregularity corrected.
12/17/52 Contract prepared for estimated cost of $1,900.00.
1/16/53 Contract Transmitted to Region VII.
2/23/53 Work on project started.
3/27/53 Work on project completed.
3/27/53 Letter from Field Team, Region VII, agreeing with Final Field Team Report recommending that a certificate of discovery should be issued on basis of scrap mica at the Adit A area alone.
7/21/53 Certification of Discovery issued to the Operator - Andrew W. Reid.

Resume:

The project work was started February 23, and completed March 27, 1953.

At Adit "A" the exploration work exposed a pegmatite at least 150 feet in length over a vertical depth of 50 feet. The pegmatite ranges between 1 and 15 feet in thickness, with an average thickness of about 12 feet . It has a very conspicuous and prominent quartz core. The feldspathic portion of the dyke is kaolinized. Mica occurs throughout the feldspathic portion but appears to be more abundant adjacent to the hanging wall side of the quartz core.

The Mica is soft badly ruled, cracked and bent. It is ruby in color and clear. It is estimated that 1,000 tons of scrap mica are indicated as a result of the project. Some pattern could be recovered as a by-product. Approximately 3,000 pounds of punch and scrap were recovered by the project.

The Field Team is of the opinion that the project warrants a certificate of discovery on the basis of scrap mica at the Adit "A" area alone; the DMEA concurs with the field team's evaluation of the work performed.

Unit Cost:

The work consisted of excavating trenches with a bulldozer. The total yardage was estimated at 1,500 cu. yds at a cost of $1,000.00 or 66 2/3 cents per cu. yd. The yardage removed from test pits was 20 cubic yards with a labor cost of $100.00 or $5.00 per cu. yd.

Project Cost:

The Report of Review in lieu of final audit discloses the following facts in regard to the amount paid or to be paid the contractor:

Total cost as billed by contractor		$1,809.00
Exceptions:		
By DMEA Officer	$ -0-	
Herewith	-0-	-0-
Total accepted cost		$1,809.00

The contract calls for a 90% participation of exploration expense by the United States Government. Therefore, payment to the contractor by the Government in the amount of One Thousand six hundred twenty eight and 10/100 Dollars

- $1,628.10 -

is considered valid and proper.

James Hopkins
Nonmetallic Minerals Division

JHopkins:gad 7/20/53

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

JAN 30 1963
O.M.E.

#1-INSTRUCTIONS TO DELIVERING EMPLOYEE

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

(Additional charges required for these services)

RETURN RECEIPT

Received the numbered article described on other side.

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

Andrew W Reid

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED

1/24/63

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

C55—16—71518-4 GPO

MMS Form 7
(10-58)

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

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

DATE	INITIALS	CODE
5/23	gad	NNO
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"	gd	500
		220

May 18, 1961

Report of Inspection of Certified Project

Andrew Reid

May Mine, Macon County, N.C.
DMEA 2327
E476

The May mine is not being worked now and probably has not been worked very much since the completion of the exploration contract. The cuts near adit "A" are caving and partly overgrown. The portal of adit "A" is caving and dangerous. The only equipment on the property is an old compressor near the main mine, apparently abandoned.

Frank G. Lesure

Date Inspected
22 April 1961

MME Form 18
10-60

OFFICE OF MINERALS EXPLORATION

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

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

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

	To	Report Period 5-1-61
Docket No. 2327	Operator A.W. Reid	Contract No. E 476

ORE ESTIMATES	Original DMEA or OME (From Final Report)	Revised DMEA or OME	Found by Operator after DMEA-OME work
Analysis	@ $30		
Tons Found	1000 scrap		
Tons Produced (Ore or Concentrate)			
Previously Reported	101		
This Period			
Tons Remaining	899 @ $30		

Comments of Analyst:

Inactive at present

Prepared by W R Trammel Date 5/26/61

82444-60

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

From: Division of Nonmetallic Minerals

Report Period 8/4/58

DMEA No.	Operator	Contract No.
2327	Andrew W. Reid	Idm-E476

ORE ESTIMATES

	Tons	Analysis	
DMEA	1000 scrap	@ $30	$30,000
Operator to date	0		
Total	1000		
Production to date	101	@ $30	$ 3,046
Ore in ground	899		$16,954

INVESTMENT

Type	Size		Feet	Cost
Shafts				
Winzes				
Drifts and Crosscuts				
Raises				
Drilling	Type			
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

Prepared by Lawrence G. Houk Date

31398

Audited

Certified

WORK ANALYSIS SHEET - DMEA PROJECT

Analysis as of 12-9-54
Incl. Voucher for March 1953

☑ Actual Cost

☐ Agreed Unit Costs

Name Andrew W. Reid

Docket No. 2327

State

Commodity

Idm-E No. 476

North Carolina

Mica

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting					
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation		1900.00		1809.00	1809
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		1900.00		1809.00	1809.00

Prepared by [signature]

71626

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUL 6 1960

DATE		
7-6	gad	

NORTH CAROLINA PROJECTS
SEMI-ANNUAL REPORT ON CERTIFIED PROJECTS

Projects active since last inspection

Reporting Period: January 1 to July 1, 1960.

DMEA No.		Operator	Date of Inspection
1100		Pine Mica Co. (Pine Mine)	June 13 thru 15, 1960
1141		Franklin Developers (Cornwell Mine)	"
1700		Fred W. Babe (Cabe Mine # 1)	"
2150		Reid-Hooker Ptners (Reid-Hooker Mine)	"
2277		Lin Webster, Mgr. (Rock Dome Mine)	"
2293		Dixie Minerals, Inc. (Upper Mine and D. Stephens Mine)	"
2327		A. [illegible], Operator (Mica Mine)	"
1876	1	Yancey Mica Mines, Inc. (Retail Mine)	"
2375	3	Ronin and Wast (Jacksonoa Mine)	"
2377	3	Fieldcrest Minerals (Spar Mine)	"
2557	4	Angle & Elkins (Phillips Mica Mine)	"
2582	4	Zeb Vogel (Hudson Mine)	"
2875	6	Lattimore (Mica Mine)	"
2886		[illegible] (Mica Mine)	"

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

January 10, 1963

Re: DMEA-2327 (Mica)
Andrew W. Reid
May Mine
Macon County, N. C.
Contract Idm-E476

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Mr. Andrew W. Reid
P. O. Box 489
Franklin, North Carolina

Dear Mr. Reid:

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

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

Sincerely yours,

W. R. Griswold, Chief
Division of Minerals

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

DATE		
1/28		800
1/28		100
1/29		110
~~1/29~~	~~Murphy~~	~~500~~

MME Form 63
Revised 3-62

DMEA-2327
Idm-E476

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since April 22, 1961 , has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

2. Since April 22, 1961 , has there been any production from the land subject to the contract? Yes ☐ No ☒

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

	Quantity	Value

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

Type	Quantity	Estimated Grade	Location
Ore	Tons		
Concentrates	Tons		
Other	Tons		

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

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

Disposition of Material	Quantity	Value

Submitted by:

Name Andrew W. Reid Title Owner

Address P.O. Box 489, Franklin, N.C. Date January 24, 1963

4511

DMEA
1958

2/11 C 220
2/12 com 100
" 110
2/24 800
600

DMEA EXPLORATION PROJECT

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

DMEA-2327, Idm-E476, MAY MINE
(mica) Macon County, N.C.

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

Operator: Andrew W. Reid, P.O. Box 489, Franklin, North Carolina

Presently owned: One-half by Andrew Reid and one-half by Carl E. Hubble, 205 W. 27th St., Baltimore, Md.

Mr. Hubble told the writer that no work has been done on the property during this period.

2/6/58

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

z

SEMI-ANNUAL REPORT ON CERTIFIED OR PSEUDO CERTIFIED PROJECTS

INACTIVE SINCE LAST INSPECTION

Commodity : Mica

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

DMEA No.	Idn-#	Operator & Mine	Date Inspected
1140X	87	Pitt Mica Corp (Mary Mine)	June 25, 1958
1700X	116	Fred Cabe (Cabe No.1 Mine)	" " "
2150	156	Reid & Hooker (Reid Mine)	" " "
2277	412	Burke John Mica Mines (Burke John Mine)	" " "
2293	393	Dixie Minerals Inc. (D.H. Stephens Mine)	" 24 "
2327	475	Andrew W. Reid (May Mine)	" 25 "
2582	461	Zeb Angel (Kasson Mine)	" 24
2610	431	Dixie Minerals Inc. (Shell Ridge Mine) Pseudo	" 24 "
2687	425	Sam Phillips, et al (Iotla Bowers Mine)	" 25 "
2875	613	Latt Young (Cox Mine)	" 24 "
2926	516	The Woodmica Mining Co. (Engle Cope Mine)	" 24 "
3000	557	B.T.R. Mining Co.(Terrill Bryson) mine	" 25 "
3265	830	Mines & Mining Inc.(Farlow Gap)	" 26 "
3287	674	Sam Phillips, et al (Mud Cut & Tallent Mines)	" 25 "
3469	737	A Ward(Elmore Mine)	" 24 "
3720	805	Alvin White, et al(Coward Mine)	" 2[illegible] "
3543	891	Buchanan Minerals Inc(DREAM Mine)	" 24 "

Wm. A. Beck, Mining Engineer, USBM

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

DMEA-2327, Idm-E476, MAY MINE (mica)
Macon County, North Carolina

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

Operator: Andrew W. Reid, Box 489, Franklin, North Carolina

Present Owners: One-half by Andrew W. Reid and one-half by Carl E. Hubble, 205 W. 27th St. Baltimore, Md.

Location: On the headwaters of Mica City Creek, about 14 miles by road northeast of Franklin, Macon County, N. C.

The writer conferred with Mr. Hubble and Mr. Reid August 20, 1957. They stated no work had been do during this reporting period, but they may start operations shortly.

Wm. A. Beck

Wm. A. Beck, Mining Engineer
Bureau of Mines

9/3 COM 100

Semi-Annual Report of Certified Project

DMEA-2327, Idm-E476 (mica)

May Mine

Operator: Andrew W. Reid, P. O. Box 489, Franklin, N. C. Presently owned by Andrew W. Reid, Franklin, N. C., one half, and Carl E. Hubble, 205 West 27th St., Baltimore, Md., one half.

Location: On the headwaters of Mica City Creek about 14 miles by road northeast of Franklin, Macon County, North Carolina.

Inquiry indicates that there has not been any work done on the property during this period. Property was not visited. Andrew W. Reid, part owner of the property and who is in charge when work is being done, is in ill health and has been in Florida for the winter. He is expected back in Franklin in April.

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

Inspected: March 21, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED APR 3 1957

DATE	INITIALS	CODE
4/3	C	220
3	Com	100

s

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT
Date 7-18

Referred to:

1. ~~Mr. Hawkins~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. ~~Mr. Metallic Minerals~~ Division
6. Docket Control Mails and Files

Note comments in report regarding:

1. No reconciliation
2. of our reserves
3. What left? (realize
4. answer confident)

and take appropriate action.

- - - - - - - - - -

Action taken by Division: Yes

Robert E. Adams

RECEIVED
JUL 13 1956

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting Period: 7/15/55 to 6/19/56. Date of Examination: 6/19/56

Operator: Andrew W. Reid, P.O. Box 489, Franklin, N. C.

Name of Mine: May

County & State: Macon County, North Carolina

Docket No. & Commodity: DMEA-2327

Contract No. Idm-E476

Date of Contract: January 16, 1953

Date of Certification: August 3, 1953

Expiration Date of Royalty Payments: January 16, 1963

Total Amount of Contract: $1,900.00

Total Expenditures under Contract: $1,809.00

Amount of Government Participation at 90% $1,628.10

Royalty Payments this Period: $32.84

Previous Royalty Payments: 119.50

Total Royalty Payments to Date: $152.34

Percent Government Participation Repaid: 9.35% (of $1,628.10)

Royalty Due on Production to Date: None

Royalty Remarks: Royalty has been paid on all mica sold to date.

Original Estimate of Reserves (from final Engr. & Geol. Report) : About 1000 tons of scrap mica are indicated.

Production this period:

Type	Pounds	Amount
Sheet mica	73.05	$431.43
Hand cobbed	815.00	203.75
Scrap	1435.00	21.52
Total	2323.05	$656.70

Amount of Previous Production:

Type	Pounds	Amount
Sheet	402.54	$2,128.01
Scrap	10,790.	161.85
Punch	648	100.20
Total	11,840.54	$2,390.06

Total DMEA Production todate:

Type	Pounds	Amount
Sheet mica	475.59	$2559.44
Hand cobbed	815	203.75
Scrap	12225	183.37
Punch	648	100.20
	14,163.59	$3,046.76

Production Remarks: No production reported since last visit.

Other Remarks: Mr. A. W. Reid, was contacted at a camp being constructed on the May Mine Property. He reports no additional exploration or changes in the mine since the end of the contract.

The Property is presently owned by Andrew W. Reid, Franklin, N.C, one-half, and Carl E. Hubble, 205 West 27th St., Baltimore, Md., one half.

L. E. Shirley and W. A. Beck, Mining Engineers
U. S. Bureau of Mines

July 16, 1956.

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

RECEIVED
AUG 15 1955

August 11, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer - Region V

From: Executive Officer, DMEA - Region V

Subject: DMEA 2327, IdmE 476, Andrew W. Reid, May Mine, Franklin, N. C. Royalty check.

Transmitted are two bills-of-sale in the amount of $203.75, and a royalty check for 5% of the sale in the amount of $10.19 to be credited to the subject certified contract.

Robert A. Laurence

ZM.
Lynch
Mittendorf
Shirley
Files
Mr. A. W. Reid

Mica Corporation

Franklin, N. C.

August 6, 1955
Terms: Cash

Sold to: S. Lyn Young
Micaville, N. C.

315 lbs. Hand-cobbed mica from May Mine @ .25¢/lb. $78.75

Paid in full 8/6/55

s/s A. W. Reid

Sold to: S. Lyn Young
Micaville, N. C. July 30, 1955

500 lbs. Hand cobbed mica from May Mine @ .25¢/lb. $125.00

Paid in full 7/30/55

$203.75

Royalty check dated 8/8/55 for $10.19.

RECEIVED
AUG 15 1955

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

RECEIVED
JUL 25 1955

July 21, 1955

Mr. A. W. Reid
Box 489
Franklin, North Carolina

Re: DMEA-2327, Idn-E476 (mica)
May Mine, Macon County, N. C.

Dear Mr. Reid:

This will acknowledge with thanks your check in the amount of $22.65 to cover the Government's 5 percent royalty on the sale of $452.95 worth of mica.

In the future please make out the check to the Defense Minerals Exploration Administration instead of U. S. Treasury. We also need copies of all settlement sheets showing the pounds of mica and the price per pound. You did not send one for the sale of scrap to the Franklin Minerals Products Company.

We are glad to see that this mine is operating again.

Very truly yours,

Robert A. Lawrence
EXECUTIVE OFFICER
DMEA REGION V

WHJ/am
cc:
Lynch
Mittendorf
Helen Miller
Files
Shirley

RECEIVED
JUL 25 1955

Copy

GENERAL SERVICES ADMINISTRATION, REGION IV
MICA PURCHASE DEPOT, Spruce Pine, N. C.

Authorization No. EPS-4-74A Acceptance No. ARA-38 Date: 7-6-55

Seller: A. W. Reid, Franklin N.C.

Mine: May Mine DMEA No. 2327

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				.06	$70.00	4.20
No. 4 and 5				2.07	$40.00	82.80
No. 5½ and 6				8.12	$15.00	121.80
Stained No.3 and larger		$12.00		.12	$18.00	2.16
No. 4 and 5	6.59	$ 5.00	32.95	1.62	$ 8.00	12.96
No. 5½ and 6	16.68	$ 3.00	50.04	7.50	$ 5.00	37.50
Heavy Stained No. 3 & larger	.50	$ 8.00	4.00		$13.00	
No. 4 and 5	11.72	$ 4.00	46.88		$ 6.00	
No. 5½ and 6	18.07	$ 2.00	36.14		$ 3.00	
LOT TOTALS	53.56	//////	170.01	19.49	//////	261.42
TOTAL		/////		73.05	/////	431.43

Sold to Franklin Mineral Products Co.

1 lot of Scrap Mica — 21.52

$452.95

RECEIVED
JUL 28 1955

REPORT OF INSPECTION OF CERTIFIED PROJECT

DMEA-2327, Idm-E476 (mica) MAY MINE, Macon County, N. C.

Operator: Andrew W. Reid, P.O. Box 489, Franklin, North Carolina

Present Owners: Andrew W. Reid, Franklin, N. C. one-half, and
Carl E. Hubble, 205 W. 27th St. Baltimore, Md. one-half.

Location: On the headwaters of Mica City Creek, about 1¼ miles by road northeast of Franklin, Macon County, N. C.

The above mine was visited with Andrew W. Reid on July 15, 1955. The mine was in operation for about three weeks this summer but was idle at the time of the inspection. Mining had been done at the cut in the lower end of the deposit but no work had been done on that part of the property where the contract bulldozing was done.

July 15, 1955.

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

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

OCT 13 1954

October 11, 1954

Memorandum

To: Cora Piper, Chief, Finance Division - Region VII

From: Acting Executive Officer, DMEA - Region VII

Subject: Royalty check on Idm-E476, DMEA-2327. Andrew W. Reid

Transmitted are sale slips for mica sold on the subject contract and a check in the amount of $12.05 royalty due the Government on subject sales.

Wm. A. Beck

WM.
cc:
Beck
Lynch
Mr. Reid
Mittendorf
Files

C
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Y

(*I&*4$

9-17-54

Sold to: Franklin Mineral Products Co.
Franklin, N. C.

2330 lbs. scrap mica	at $30/ton	$34.95
1990 lbs. scrap mica	at $30/ton	29.85
		$64.80

Sept. 7, 1954

Sold to J. R. Berry, Franklin, N. C.

353 lbs punch mica	at 15¢ lb.	53.00
		$117.80

cc:
Beck
Mittendorf

Defense Minerals
Region
OCT 13 1954

GENERAL SERVICES ADMINISTRATION, REGION IV
MICA PURCHASE DEPOT, Spruce Pine, N. C.

Authorization No. 917A Acceptance No. 511 Date: 9-15-54

Seller: G. A. Fleming, Franklin, N. C

Mine: May (Mica) DMEA No. 2327, ~~Tdm~~-E-476

Macon County, N.C.

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No.3 & larger					$70.00	
No. 4 and 5				.38	$40.00	15.20
No. 5½ and 6				2.77	$15.00	41.55
Stained No.3 and larger		$12.00		.06	$18.00	1.08
No.4 and 5		$ 5.00		1.50	$ 8.00	12.00
No.5½ and 6		$ 3.00		9.99	$ 5.00	49.95
Heavy Stained No.3 & larger		$ 8.00			$13.00	
No.4 and 5		$ 4.00			$ 6.00	
No.5½ and 6		$ 2.00		1.11	$ 3.00	3.33
LOT TOTALS		//////////		15.81	//////////	
TOTAL		//////////			//////////	123.11

By: G. A. Fleming, Owner ?
May Mine -

cc:
Mr. Beck
Mr. Millendorf

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

July 28, 1954

Royalty Audit Memorandum

To: Mr. Jay L. Chambers, Chief
Contract Administration and Audit Division

From: B. J. Brekhus, Auditor

Subject: Royalty Audit - Contract Idm-E87, Docket No. DMA-1140X
Pitt Mica Corporation
Contract Idm-E456, Docket No. DMEA-2150
A. W. Reid and W. H. Hooker, partners
Contract Idm-E476, Docket No. DMEA-2327
Andrew W. Reid

On July 12, accompanied by Mr. Wm. A. Beck, Mining Engineer, Bureau of Mines, Knoxville, Tennessee, I called upon Mr. A. W. Reid for purpose of determining status of royalty payments on the subject contracts.

We found Mr. Reid at home in apparently poor physical condition. He was reported to have been involved in a mine cave in sometime previously, and had spent considerable time in a hospital. Another man was reported killed in this same cave in.

Mr. Reid stated he was now no longer active in the above mining projects and his former partner, Mr. W. H. Hooker, who now resides in Atlanta, Georgia, has taken over the properties and owns the mineral rights, and has the records of the operations. He also stated that there was now no mining being done on these properties and he believed all royalties have been paid. The records of the Field Team and the Mica Depot in Spruce Pine, North Carolina, also support this. Therefore, it was decided not to go to Atlanta, as the probable findings would not justify the trip.

The status of the royalty accounts of the above contracts is as follows:

Contract No.	Sales: Strategic Mica	Sales: Punch & Scrap	Sales: Total Sales	Royalty Paid
Idm-E 87	$ 530.98	$684.58	$1,215.56	$ 60.77
" 456	-	-	-	-
" 476	2,004.90	144.25	2,149.15	107.45

Mr. W. H. Hooker's present business address is c/o Trade Publications, Inc., 1125 Peachtree Street, Atlanta, Georgia.

REPORT OF INSPECTION OF CERTIFIED PROJECT

DMEA-2327, Idm-E 476 (mica)
Andrew W. Reid, P.O. Box 489, Franklin, North Carolina

MAY MINE, Macon County, N. C.

Accompanied by B. J. Brekhus, Auditor, Contract Administration and Audit Division, the writer called on Andrew W. Reid on July 13, 1954 and inquired about activities at the subject mine. Mr. Reid stated that no work has been done since the exploration.

The property had been leased with option to purchase to Rosalie Lichtenstein. Mrs. Lichtenstein did not exercise her option and the property reverted to Mr. Reid.

July 13, 1954

Wm. A. Beck

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

REPORT OF INVESTIGATION OF CERTIFIED PROJECT

DMEA-2327, Idm-E 476 (mica).

Andrew W. Reid, P.O. Box 489, Franklin, North Carolina

MAY MINE, Macon County, North Carolina

The writer called on Andrew W. Reid on January 15, 1954 and inquired about activities at the subject mine. Mr. Reid stated that no work has been done there since the exploration.

The property has been leased with option to purchase to Rosalie Lichtenstein.

January 15, 1954.

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

~~Did we agree to assignment?~~ Not necessary!

z

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

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Period: July 1, 1953 to December 31, 1953

Docket No.: DMEA-2327 Contract: Idm-E 476

Commodity: Mica

Operators Name: Andrew W. Reid

Address: P.O. Box 489, Franklin, North Carolina

Name of Mine: May Mine

County: Macon State: North Carolina

Date Certified: August 3, 1953

Contract Amount: $1,900.00 Amount Spent: $1,809.00

Government's Participation: 90% or $1,628.10 (or January 16, 1963)

Remarks: This property has been leased to Rosalie H. Lichtenstein by Mr. Reid, and the lien resulting from certification was transferred to Mrs. Lichtenstein.

During this period Mr. Reid has paid the Government its royalty on the following sales made from the May Mine production after January 16,1953:

	Pounds	Amt. Rec'd.	Royalty paid Gov.
Sheet	386.73	$2,004.90	
Punch	295	47.20	
Scrap	6,470	97.05	
TOTAL	7,151.73	$2,149.15	$107.45

February 1, 1954.

Report Prepared by: Wm. A. Beck,
Mining Engineer
U. S. Bureau of Mines

ZH

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 30 1953

December 28, 1953

Mr. Charles M. Trammell
910 Seventeenth St. NW
Washington 6, D. C.

Re: DMEA-2327, Idm-E 476 (mica)
May Mine, Macon County, N. C.
and
DMA-1141, Idm-E 107 (mica)
Campbell Mine, Macon County, N. C.

Dear Mr. Trammell:

I have been advised by our Washington office that the leases dated November 12 and December 17, 1953, to Rosalie H. Lichtenstein, are adequate to assign responsibility for royalty payments due under the subject exploration contracts to the lessee, with one exception: The lease on the Campbell mine should be corrected to state that the Government's share of the cost of exploration was actually $2,876.76 instead of $2,696.40 as stated in the lease. Mr. Lichtenstein has already been advised of this error, and I am sending him a copy of this letter.

Very truly yours,

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

RAL/zm

cc:
Beck
Lynch
Lichtenstein

Opr. Com.
Files

140

FILE COPY
SURNAME:

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

DEC 23 1953

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

Re: A. W. Reid
Docket No. DMEA-2327 (Mica)
May Mine
Contract Idm-E476

Franklin Developers, Inc.
Docket No. DMA-1141X (Mica)
Campbell Mine
Contract Idm-E107

Dear Mr. Laurence:

Reference is made to your memorandum to the Chairman of the Operating Committee dated December 14 in the two above entitled matters. With your letter, you enclosed copies of leases dated November 12 and December 7, 1953, to Rosalie H. Lichtenstein of the May and Campbell mines, respectively. In each of these leases, the lessee undertakes, during the term of the lease, to pay any royalties due under the terms of the exploration project contract. Therefore, you are advised that no further documents are necessary to make the lessee responsible for the payment of such royalties.

Your attention, however, is invited to the fact that the December 7, 1953, lease states that the exploration loan was $2,696.40, whereas, as you have indicated, it was actually $2,876.76, and this should be corrected in the lease.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (2/5)

AEKane/ema/12-~~18~~21/53
cc: Mails & Files
Adm. R. File
Op. Comm.
Mr. Thayer
Mr. Hedges
L. G. Houk
A. E. Kane
J. L. Hofflund
Chron.
Pending

Approved:

J. H. Hedges (2/5)
Member, Bureau of Mines

T. P. Thayer (2/5)
Member, Geological Survey

C
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Y

Defense Minerals Administration
RECEIVED
DEC 23 1953

C
O
P
Y

Franklin, North Carolina
December 16, 1953

Mr. Robert A. Laurence, Executive Officer
DMEA Field Team, Region VII
Defense Minerals Exploration Administration
Room 13, P. O. Building
Knoxville 2, Tennessee

Re: DMEA-2327, Idm-E 476 (mica)
May Mine, Macon County, N. C.

DMEA-1141, Idm-E 107 (mica)
Campbell Mine, Macon Co., N. C.

Dear Mr. Laurence:

With reference to your letter of December 14, received today, I wish to advise you that the copy of the lease on the May Mine which was forwarded to you by Charles M. Trammell, Washington, D. C., between A. W. Reid and myself was never registered. I also wish to advise that the lease between Mr. Reid and Rosalie H. Lichtenstein, covering the May Mine was registered on December 10, 1953, in Macon County, in Book C-6, page 608.

The lease between Mr. Reid and Rosalie H. Lichtenstein covering the Campbell Mine was registered December 9, 1953, in Macon County, in Book C-6, page 606.

I note your comment concerning the correct amount still owed under the DMEA contracts covering the respective properties and the amount set out in your letter for each property is recognized as the correct amount.

I believe the above information will complete your records.

Yours very truly,

s/ R. G. Lichtenstein

Copied by zm.
12-21-53
cc:
Beck
Lynch
Finance Office
Houk
Hofflund

C O P Y

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 16 1953

December 14, 1953

Memorandum

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

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

Subject: DMEA-2327, Idm-E 476 (mica) May Mine.
DMEA-1141, Idm-E 107 (mica) Campbell Mine.
Assignment of leases from A. W. Reid to Rosalie H. Lichtenstein.

Enclosed is a copy of a letter from Charles M. Trammell, concerning lease of the Campbell and May Mines (both certified discoveries) by A. W. Reid to Rosalie H. Lichtenstein.

On December 4, I sent you an earlier letter from Mr. Trammell concerning transfer of the May mine lease to Mr. R. G. Lichtenstein. Mr. Lichtenstein now wishes to have both leases in the name of his wife, and therefore the assignment of the lien resulting from certification of discovery should also be to Mrs. Lichtenstein.

There has been no production from the Campbell mine, therefore, the amount outstanding is $2,876.76. Mr. Reid has made payment of $107.45 on sales from the May mine, thus reducing the amount outstanding to $1,520.65.

If any assignment papers are needed in connection with these transactions, please have them prepared by the Legal Division and forwarded to me for signature.

Robert A. Laurence
Robert A. Laurence

C O P Y

(sic)

C O P Y

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 16 1953

910 Seventeenth Street, N. W.
Washington 6, D. C.

December 11, 1953

Mr. Robert A. Laurence
DMEA
Room 13 Postoffice Bldg.
Knoxville, Tenn.

Dear Mr. Laurence:

Re: DMEA-2327, Idm-E 476 (mica)
Andrew W. Reid, May Mine, Macon County, N. C.

In my letter to you of December 2 I sent you copy of a lease contract by A. W. Reid and Rudolph G. Lichtenstein of Franklin, N. C. relating to the May mine in that county. You acknowledged receipt in your letter of december 4. (sic)

At the closing of that agreement together with another lease from Mr. Reid on the Campbell mine in the same county, Mr. Lichtenstein decided that the wanted the May mine lease made in the name of his wife, Mrs. Rosalie H. Lichtenstein like the lease agreement on the Campbell Mine.

I am sending you herewith copy of the May mine lease agreement as changed as above mentioned and am also sending you copy of the Campbell Mine lease agreement made to the same party by Reid.

It is intended that Mr. Lichtenstein will be in actual control of these properties as well as other properties and it was decided that it was desireable to have all leases and agreements made out in the same way.

It is a question whether it might be considered that the lease of the May mine was actually delivered to Mr. Litchenstein and thus made him lessee before the change was made in the name, but while he was in physical possession he surrendered it beack to Reid who made the changes in the name of lessee and all parties initialed the change. This was done to save re-writing the lease or making assignment to Mrs. Lichenstein.

If there is any question as to the validity of this change in the name of beneficiary, Mr. Litchenstein can and will make an assignment of his lease contract to Mrs. Litchtenstein.

The Campbell lease contract to Mrs. Litchenstein is also enclosed.

You might communicate with Mr. Litchenstein, who will see that proper agreements as to assumption of liability to the government are prepared and sent to you.

Sincerely,

s/ Charles M. Trammell

Copied by zm. cc: Finance office, Lynch, Laurence, Beck

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 16 1953

NORTH CAROLINA
MACON COUNTY

THIS LEASE AGREEMENT, made and entered into this the 12th day of November, 1953, by and between A. W. REID of Macon County, North Carolina, party of the first part; and ~~RUDOLPH G.~~ Rosalie H. LICHTENSTEIN of Macon County, North Carolina, party of the second part;

W I T N E S S E T H:

THAT WHEREAS party of the first part owns in fee simple the "FIRST TRACT" of land hereinafter described and owns the mineral interest and mining rights in the "SECOND TRACT" of land hereinafter described, said lands lying and being in Cowee Township, Macon County, North Carolina, and more particularly described as follows:

FIRST TRACT: BEGINNING at a Spanish oak; thence North 45 deg. East 140 poles to a locust; thence North 45 deg. West 100 poles to a white oak; thence South 45 deg. West 160 poles to a pine; thence South 45 deg. East 100 poles to a small chestnut oak; thence North 45 deg. East 20 poles to the BEGINNING, containing 100 acres, more or less, and being State Grant No. 3337.

SECOND TRACT: State Grant #9041, on Bradley Fork of Cowee Creek, BEGINNING at a hickory in the County line on top of Cowee Mountain, J. L. Moore's and Beasley tract, known as the Silver Mine tract; runs South with the County line 160 poles to a stake in Cansler's line; then South 86 deg. West, with Cansler's line 220 poles to a chestnut; then North 35 poles to a black oak, A. Hall's Southeast corner; then North 45 deg. East 160 poles to Hall's Northeast corner at or near Moore's line and Beasley's line; then with Beasley's and Moore's line to the BEGINNING;

AND WHEREAS the said party of the second part desires to lease said properties upon the terms and conditions hereinafter set forth for the purpose of mining and recovering minerals therefrom:

NOW THEREFORE, in consideration of the premises and mutual covenants and agreements hereinafter to be performed upon the part of party of the second part, party of the first part does by these presents let and lease unto party of the second part, his successors and assigns, the exclusive right and privilege to mine, dig, mill, process and remove any and all minerals, ores, clays, earth, stones and any other mineral now in, under or upon the

aforesaid tracts of land.

TO HAVE AND TO HOLD the above described premises to the sole use of party of the second part, his successors and assigns, subject to the following terms and conditions:

FIRST: Unless sooner terminated as herein provided, the term of this lease shall be for one year from the date hereof and shall continue in full force and effect from year to year so long as party of the second part, his successors and assigns, shall operate under and comply with the terms and conditions hereinafter set forth.

SECOND: In consideration of the rights and privileges herein granted to the party of the second part, said party of the second part agrees and binds himself, his successors and assigns, to pay to party of the first part royalties as follows:

(a) One dollar fifty cents ($1.50) per ton of two thousand (2000) pounds, for scrap mica mined and removed from said premises.

(b) That in the event mica of pattern, circle or punch consistency shall be recovered in the course of said operations, the same shall be prepared for the market and sold by party of the second part, his successors and assigns, who will pay a royalty on the same to party of the first part of twelve and one-half per cent (12½) of the gross price derived from the sale of all such mica mined, removed, prepared and sold from the above described premises.

(c) The highest standard prevailing royalty in the community for any and all other minerals mined, removed and sold from said property.

THIRD: Party of the second part, his successors and assigns, shall keep an itemized record of all operations and transactions under this agreement and such records may be inspected at any reasonable time by said party of the first part or his duly authorized agent.

FOURTH: That any royalties or payments due party of the first part by party of the second part, his successors or assigns, shall be paid on or before the 10th day of each calendar month following the production and sale of any minerals herein specified during the previous month.

FIFTH: It is further understood and agreed that party of the second part will begin active mining operations upon the property, the subject of this agreement, on or before January 1, 1954, and it is further understood and agreed that in the event said operations are ceased for an aggregate period of more than ninety (90) days, Saturdays and Sundays excluded, during any calendar year, beginning January 1, 1954, then all rights hereunder shall cease and terminate and this lease shall be null and void; it being understood, however, that delays of operations by breakdowns of equipment and Acts of God shall not be construed as a cessation of operations. Party of the second part agrees to prosecute said mining operations to the extent of at least one hundred twenty (120) man hours per week.

SIXTH: It is specifically understood and agreed that any failure to pay any royalties as hereinbefore set forth when the same shall become due and payable or any failure to carry out any other provisions and agreements of this agreement by party of the second part, his successors or assigns, this lease shall become null and void and all rights of party of the second part, his successors and assigns, shall thereupon cease and terminate; however, party of the first part agrees that written notice shall be given to the party of the second part of such default and that party of the second part shall have ten (10) days from the date of such written notice within which to remedy any non-payment of royalties or any other cause of forfeiture set forth herein.

SEVENTH: It is further agreed that provided all the terms and conditions of this contract have been and are being complied with, party of the second part may at any time during the first

six (6) months of 1954 purchase said premises owned by party of the first part, as hereinabove set out, at the sum of Fifteen thousand dollars ($15,000.00), to be paid as follows: $3,000.00 cash; $6,000.00 within twelve months from date of deed, and $6,000.00 within 18 months from date of deed. If and when party of the second part shall elect to purchase under this contract, party of the first part will, upon the payment by party of the second part of said sum in cash and the execution of purchase money notes secured by purchase money deed of trust, bearing interest at six per cent (6%), execute and deliver unto said party of the second part a good and sufficient deed for said premises.

EIGHTH: So long as this lease remains in force party of the first part hereby grants to party of the second part, his successors and assigns, the following rights and privileges;

(a) The right to use the surface of the above described lands to the full extent that such use is reasonably convenient or necessary in mining, digging, milling, processing and removing said minerals, ores, clays, earths, stone and other minerals, and the further right to mine said products or minerals by underground, stripping or any other approved method without liability for damage to the surface thereof or anything therein or thereon or for damage to any water or water courses therein or thereon, or without any obligation whatsoever to restore said premises to their present condition.

(b) The right to construct and place upon said lands buildings, machinery and other mining equipment and upon the termination of this lease to remove any and all machinery and mining equipment within ninety (90) days from the date of the termination of this lease, provided all royalties have been paid.

(c) The right to cut and use upon said lands for mining purposes any timber standing thereon at the time of said use.

(d) The right to dam, divert and use the water in any stream upon said land.

(e) The right of ingress, egress and regress upon, across, over or under the above described lands of first party herein, together with the right to construct and maintain roads in such locations as party of the second part, his successors or assigns may deem necessary and/or convenient.

NINTH: Party of the second part, his successors and assigns, agrees that no unreasonable or unnecessary use shall be made of said property for the purpose of conducting mining operations upon, in or under same and that no unnecessary or unreasonable damage will be done to the property in the course of said operation.

It is further agreed that party of the first part is in no sense or in any way to be considered or held liable for any operations under this lease, and in no event to be held liable for any debt, tort, or other liability of party of the second part, his successors or assigns, their agents or employees. The said party of the first part retains no supervision whatsoever over said work.

It is further agreed that party of the second part will conduct all mining operations on said premises in a businesslike manner, with due regard to the rights of party of the first part in said minerals and premises. And party of the first part shall have the right to inspect said operations and mica shop at all reasonable times.

In addition to the real property hereby leased, party of the first part also leases to party of the second part the air compressor situated upon the leased premises, and party of the second part agrees to pay as rental for said compressor the sum of $175.00 per month, beginning when mining operations are begun and continuing so long as party of the second part retains said compressor. Party of the second part agrees to keep said compressor in good repair and return the same in as good condition

as it now is, ordinary wear and tear excepted.

In addition to the rents and royalties above set forth to be paid by party of the second part, the said party of the second part agrees to pay any and all royalties that may be or become due and payable on the exploration loan of $1710.00 made by the D.M.E.A. of the U. S. Government to A. W. Reid on the mine and property hereinabove described and covered by this lease, so long as this lease shall remain in force. And in the event said party of the second part exercises his purchase option then and in that event he assumes and agrees to pay all sums that may be or become due and payable on said loan, which shall be in addition to the sums hereinabove specified to be paid for said purchase.

It is further agreed that all the covenants and conditions of this agreement shall inure to the benefit of and be binding upon the parties hereto, their heirs, successors and assigns.

IN WITNESS WHEREOF the parties hereto have executed this agreement in duplicate originals, one of which is retained by each of the parties, this the day and year first above written.

/S/ A. W. Reid (SEAL)
Party of the first part

/S/ Rosalie H. ~~R. G.~~ Lichtenstein (SEAL) AWR
Party of the second part

NORTH CAROLINA
MACON COUNTY

I, Kate McGee, Clerk of Superior Court for the above County and State, hereby certify that A. W. REID and RUDOLPH G. LICHENSTEIN, personally appeared before me and severally acknowledged the due execution of the foregoing instrument for the purpose therein expressed. Let the instrument together with this certificate be registered.

WITNESS my hand and seal this the 17 day of November, 1953.

/S/ Kate McGee
Clerk Superior Court
Macon County
North Carolina

(SEAL)

application loan
Campbell mine.
Contract IDM-E107
Docket IDMA-1141X

---

get copy of certificate
& mail to R.G.
Lechlewitz -
Franklin NC.

Robert A Lawrence
Executive Officer, DMA
Field Team,
Region 7.
Room 13. P.O. Bldg.
Knoxville 2. Tenn -

Defense Minerals Administration
RECEIVED
DEC 1 0 1953

NORTH CAROLINA
MACON COUNTY

I, Kate McGee, Clerk of the Superior Court for the above County and State, hereby certify that A. W. REID and ROSALIE H. LICHTENSTEIN personally appeared before me and acknowledged the due execution of the foregoing instrument for the purposes therein expressed. Let the instrument together with this certificate be registered.

Witness my hand and seal this the 17th day of November, 1953.

Clerk Superior Court
Macon County, N. C.

Defense Minerals Administration
RECEIVED
DEC 3 1953

NORTH CAROLINA
MACON COUNTY

THIS LEASE AGREEMENT, made and entered into this the 7th day of December, 1953, by and between A. W. REID of Macon County, North Carolina, party of the first part; and ROSALIE H. LICHTENSTEIN of Macon County, North Carolina, party of the second part;

W I T N E S S E T H:

AWR
RHL

THAT WHEREAS party of the first part owns the minerals and mining rights in ~~in fee simple~~ a tract of land commonly referred to as the Campbell or Cambell Mine property, hereinafter described, said lands lying and being in Cowee Township, Macon County, North Carolina, and more particularly described as follows:

> BEGINNING at a hickory on a ridge, the second corner of State Grant #1869, and second corner of State Grant #1868, runs S. 30 E. 240 poles to a stake in the line of grant Nos. 1868 and 1869, said stake being 60 poles N. 20 W. from the third corner of these tracts, then S. 80 W. 570 poles to a stake, said stake being 50 poles N. 36 E. from a hickory, the N.E. corner of Curtis Sanders Tract, then N. 36 E. 300 poles to the beginning corner of State Grant #1869, then N. 70 E. 340 poles to the BEGINNING, together with all woods, waters, rights-of-ways and easements on and over said premises necessary for mining or prospecting purposes, said tract containing 600 acres more or less.
>
> This being the same land described in the deed from Macon County to Charlie Bradley and wife, Ruby Bradley, dated 17 April, 1942, and recorded in Deed Book H-5, page 245, Macon County records.

AND WHEREAS the said party of the second part desires to lease said property upon the terms and conditions hereinafter set forth for the purpose of mining and recovering minerals therefrom:

NOW THEREFORE, in consideration of the premises and mutual covenants and agreements hereinafter to be performed upon the part of the party of the second part, party of the first part does by these presents let and lease unto party of the second part, his successors and assigns, the exclusive right and privilege to mine, dig, mill, process and remove all and any minerals, ores, clays, earth, stones and any other mineral now in, under or upon the aforesaid tracts of land.

TO HAVE AND TO HOLD the above described premises to the sole use of the party of the second part, his successors and assigns, subject to the following terms and conditions:

FIRST: Unless sooner terminated as herein provided, the term of this lease shall be for one year from the date hereof and shall continue

in full force and effect from year to year so long as party of the second part, his successors and assigns, shall operate under and comply with the terms and conditions hereinafter set forth.

SECOND: In consideration of the rights and privileges herein granted to the party of the second part, said party of the second part agrees and binds himself, his successors and assigns, to pay to party of the first part royalties as follows:

(a) One dollar fifty cents ($1.50) per ton of two thousand (2000) pounds for scrap mica mined and removed from said premises.

(b) That in the event mica of pattern, circle or punch consistency shall be recovered in the course of said operations, the same shall be prepared for the market and sold by party of the second part, his successors and assigns, who will pay a royalty on the same to party of the first part of twelve and one-half per cent (12½%) of the gross price derived from the sale of all such mica mined, removed, prepared and sold from the above described premises.

(c) The highest standard prevailing royalty in the community for any and all other minerals mined, removed and sold from said property.

THIRD: Party of the second part, his successors and assigns, shall keep an itemized record of all operations and transactions under this agreement and such record may be inspected at any reasonable time by said party of the first part or his duly authorized agent.

FOURTH: That any royalties or payments due party of the first part by party of the second part, his successors or assigns, shall be paid on or before the 10th day of each calendar month following the production and sale of any minerals herein specified during the previous month.

FIFTH: It is further understood and agreed that party of the second part will begin active mining operations upon the property the subject of this agreement, on or before March 1, 1954, and it is further understood and agreed that in the event said operations are ceased for an aggregate period of more than ninety (90) days, Saturdays and Sundays excluded, during any calendar year, beginning March 1, 1954, then all rights hereunder shall cease and terminate and this lease shall be null and void; it being understood, however, that delays of operations by breakdowns of equipment and

Acts of God shall not be construed as a cessation of operations. Party of the second part agrees to prosecute said mining operations to the extent of at lease one hundred twenty (120) man hours per week.

SIXTH: It is specifically understood and agreed that any failure to pay any royalties as hereinbefore set forth when the same shall become due and payable or any failure to carry out any other provisions and agreements of this agreement by party of the second part, his successors or assigns, this lease shall become null and void and all rights of party of the second part, his successors and assigns, shall thereupon cease and terminate; however, party of the first part agrees that written notice shall be given to the party of the second part of such default and that party of the second part shall have ten (10) days from the date of such written notice within which to remedy any non-payment of royalties or any other cause of forfeiture set forth herein.

SEVENTH: It is further agreed that provided all the terms and conditions of this contract have been and are being complied with, party of the second part may at any time during the first six months from the date of beginning of operations purchase said premises owned by the party of the first part, as hereinabove set out, at the sum of Twenty-five Thousand Dollars ($25,000.00), to be paid as follows: $5,000.00 cash, $5,000.00 within twelve months from date of deed, $5,000.00 within eighteen months from date of deed, $5,000.00 within twenty-four months from date of deed and $5,000.00 within thirty months from date of deed. If and when party of the second part shall elect to purchase under this contract, party of the first part will, upon the payment by party of the second part of said sum in cash and the execution of purchase money notes secured by purchase money deed of trust, bearing interest at six per cent (6%), execute and deliver unto said party of the second part a good and sufficient deed for said premises.

EIGHTH: So long as this lease remains in force party of the first part hereby grants to party of the second part, his successors and assigns, the following rights and privileges:

(a) The right to use the surface of the above described lands to the full extent that such use is reasonably convenient or necessary in mining,

stone and other minerals, and the furtherright to mine said premises -- minerals by underground, stripping or any other approved method without liability for damage to the surface thereof or anything therein or thereon, or without any obligation whatsoever to restore said premises to their present condition.

(b) The right to construct and place upon said lands buildings, machinery and other mining equipment and upon the termination of this lease to remove any and all machinery and mining equipment within ninety (90) days from the date of the termination of this lease, provided all royalties have been paid.

(c) The right to cut and use upon said lands for mining purposes any timber standing thereon at the time of said use.

(d) The right to dam, divert and use the water in any stream upon said land.

(e) The right of ingress, egress and regress upon, across, over or under the above described lands of first party herein, together with the right to construct and maintain roads in such locations as party of the second part, his successors or assigns may deem necessary and/or convenient.

NINTH: Party of the second part, his successors and assigns, agrees that no unreasonable or unnecessary use shall be made of said property for the purpose of conducting mining operations upon, in or under same and that no unnecessary or unreasonable damage will be done to the property in the course of said operation.

It is further agreed that party of the first part is in no sense or in any way to be considered or held liable for any operations under this lease, and in no event to be held liable for any debt, tort, or other liability of party of the second part, his successors or assigns, their agents or employees. The said party of the first part retains no supervision whatsoever over said work.

It is further agreed that party of the second part will conduct all mining operations on said premises in a businesslike manner, with due regard to the rights of party of the first part in said minerals and premises. And party of the first part shall have the right to inspect said operations and mica shop at all reasonable times.

In addition to the rents and royalties above set forth to be paid by party of the second part, the said party of the second part agrees to pay any and all royalties that may be or become due and payable on the exploration loan of $2696.40 made by the D. M. E. A. of the U. S. Government to A. W. Reid on the mine and property hereinabove described and covered by this lease, so long as this lease shall remain in force. And in the event said party of the second part exercises his purchase option then and in that event he assumes and agrees to pay all sums that may be or become due and payable on said loan, which shall be additional to the sums hereinabove specified to be paid for said purchase.

It is further agreed that all the covenants and conditions of this agreement shall inure to the benefit of and be binding upon the parties hereto, their heirs, successors and assigns.

IN WITNESS WHEREOF the parties hereto have executed this agreement in duplicate originals, one of which is retained by each of the parties, this the day and year first above written.

(signed) A. W. Reid (SEAL)
(signed) Rosalie H. Lichtenstein (SEAL)

NORTH CAROLINA
MACON COUNTY

I, Kate McGee, Clerk of Superior Court for the above County and State, hereby certify that A. W. Reid and Rosalie H. Lichtenstein, personally appeared before me and severally acknowledged the due execution of the foregoing instrument for the purpose therein expressed. Let the instrument together with this certificate be registered.

Witness my hand and seal this the 7th day of December, 1953.

(signed) Kate McGee
Clerk Superior Court
Macon County
North Carolina

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

December 4, 1953

Memorandum

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

From: DMEA Field Team, Region 7

Subject: DMEA-2327, Idm-E 476 (mica) A. W. Reid, May Mine, Macon Co., N. C.

Enclosed are a letter from Charles H. Trammell and a copy of the lease referred to in the letter.

The Government spent $1,628.10 on this contract. No payments have been received from A. W. Reid to date, although the Field Examiners' final report shows that about 3000 pounds of punch and scrap mica were recovered during the exploratory work.

We are writing to Mr. Reid about this.

Robert A. Laurence

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

Wm. A. Beck

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

RECEIVED
DEC 10 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

CARL J. BATTER
CARL J. BATTER, JR.

WILBUR N. BAUGHMAN
JOHN JAMES BERNARD

CHARLES M. TRAMMELL
COUNSEL

LAW OFFICES OF
BATTER AND BATTER
ATTORNEYS AT LAW
910 SEVENTEENTH STREET, N. W.
WASHINGTON 6, D. C.

METROPOLITAN 8-2325

December 2, 1953

Mr. Robert A.Laurence,
Defense Minerals Adm.,
Room 13, Post Office Blg.,
Knoxville, Tenn.

Dear Mr. Laurence:

Mr. Andrew W.Reid of Franklin, North Carolina has made a lease with option to buy a mica mine known as the May Mine in Macon County, North Carolina, near Franklin to Mr. Lichtenstein of Franklin. A copy is enclosed for your record.

Mr. Reid had previously obtained a government exploration loan for this property and had received a certificate to the effect that the exploration was succesful.

While he is fully aware of the fact that he remains primarily liable on this government loan, Mr. Reid has required the lessee to assume and pay the same in the amount of $1710. As a matter of fact this amount is slightly in excess of the government loan.

Mr. Reid aut horizes me to state that he recognizes that his liability remains until the loan is fully paid, but he is to see that the lessee does so and if not, of course, he will have that liability himself.

I do not have before me the certificate number or docket number on the loan application.

I assume that from the description in the lease, copy of which is enclosed, your records will readily disclose that information.

Sincerely yours,

Charles M.Trammell

DMEA 2327
certificate issued 8/3/53
amount $1628.10
paid to date:

RECEIVED
DEC 4 - 1953
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

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

December 4, 1953

Mr. Andrew W. Reid
P.O. Box 489
Franklin, North Carolina

Re: DMEA-2327, Idm-E 476 (mica)
May Mine, Macon County, N. C.

Dear Mr. Reid:

I have received a letter from Judge Trammell advising me that you have leased the May Mine to Mr. Lichtenstein and that he has agreed to assume the obligation to make percentage royalty payments to the Government.

In checking our records on this contract, I find that no payments have been received here, although the certification of discovery was issued on August 3, 1953.

Our field examiners' report indicates that about 3000 pounds of punch and scrap mica were recovered during the exploratory work. Presumably this has been sold by now; if so payment of 5 per cent of its value should be made.

Also your letter of February 16, 1953 states that a settlement sheet from the Spruce Pine depot, dated February 4, included mica from the May mine with that from the Mary mine and that royalty payment was made on the latter only. The Certification states that payment is to be made on all production from the May mine after January 16, 1953; therefore, this sale from the May mine is now subject to payment if it represents mica produced after January 16, 1953.

Please give this your immediate attention.

Very truly yours,

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

RAL/sm
cc:
Beck
Lynch
Opr. Com.
File

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

cc: Beck
Lynch
Opr. Com.
Files

December 4, 1953

Mr. R. G. Lichtenstein, President
American Mica Company
Franklin, North Carolina

Re: DMEA-2327, Idm-E 476 (mica)
Andrew W. Reid, MAY MINE
Macon County, N. C.

Dear Mr. Lichtenstein:

I have received from Charles W. Trammell of Washington, D. C., a copy of a lease whereby Andrew W. Reid has leased to you, with option to buy, the May Mine in Macon County, North Carolina.

Article 9, paragraph 5, of the lease states that you agree to pay any and all royalties due to the Government in repayment of the DMEA financial aid.

Certification of discovery was made on August 3, 1953. By the terms of the Exploration Project Contract and of the Certification, all production from the property from the date of the contract, January 16, 1953, is subject to the Government's percentage royalty as set forth in the contract until the sum of $1,628.10 is paid or until January 16, 1963, whichever occurs first.

Payments should be made to the undersigned. Checks should be drawn payable to the Treasurer of the United States. Payments should be accompanied by suitable evidence, such as copies of settlement sheets showing quality and grade of ore sold, the name of the purchaser, and the price and charges certified to be correct by the purchaser.

You are requested to notify me of any subsequent changes in ownerhip or production rights that may have any effect on the Government's right to its percentage.

In any correspondence concerning the May Mine and the payments please indicate the docket and contract numbers, DMEA-2327 and Idm-E 476.

Very truly yours,

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

RAL/xm

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

December 4, 1953

Mr. Charles M. Trammell
910 Seventeenth St., N.W.
Washington 6, D. C.

Re: DMEA-2327, Idm-E 476 (mica)
Andrew W. Reid, May Mine
Macon County, N. C.

Dear Mr. Trammell:

I have received your letter of December 2, advising me that Mr. Reid has leased the May mine to Mr. Lichtenstein, and enclosing a copy of the lease. I have advised our Washington office and also entered this information in our records.

Thank you for notifying me of this transfer.

Very truly yours,

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

RAL/xm
cc:

Beck
Lynch
Opr. Com.
Files

ica sold from May Mine (DMEA-2327,)

Sold to: Franklin Mineral Products Co.

6470 Lbs. scrap Mica $97.05

Sold to Milton Buchanan, Bakersville, N.C.

295 lbs. punch @ .16¢ $ 47.20

TOTAL $144.25

C O P Y

copied by zm

COPY COPY

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

WARRANTY, ACCEPTANCE AND INVOICE

DATE: 2-4-53

ACCEPTANCE NUMBER: 4-605

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-74A	SP-605	

WARRANTY

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

NAME AND ADDRESS OF SELLER *(Type or print)*	SELLER OR PERSON AUTHORIZED TO SIGN THIS WARRANTY FOR SELLER
NAME: A. W. Reid	SIGNATURE:
STREET ADDRESS:	NAME *(Type or print)*: A. W. Reid
CITY, ZONE AND STATE: Franklin, N. C.	TITLE *(Type or print)*: Owner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA

QUALITY	HALF TRIM			FULL TRIM		
	POUNDS	PRICE PER LB.	AMOUNT	POUNDS	PRICE PER LB.	AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER				.50	$70.00	35.00
GRADES NO. 4 AND 5				2.48	$40.00	99.20
GRADES NO. 5½ AND 6				27.44	$15.00	411.60
STAINED						
GRADES NO. 3 AND LARGER		$12.00		1.68	$18.00	30.24
GRADES NO. 4 AND 5		$ 5.00		12.69	$ 8.00	101.52
GRADES NO. 5½ AND 6	10.23	$ 3.00	30.69	42.23	$ 5.00	211.15
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 8.00			$13.00	
GRADES NO. 4 AND 5	12.06	$ 4.00	48.24	.31	$ 6.00	1.86
GRADES NO. 5½ AND 6	117.71	$ 2.00	235.42	2.47	$ 3.00	7.41
TOTALS	140.00		314.35	89.80		1,212.33
LOT TOTALS				229.80		

PROGRAM B - HAND-COBBED MICA

TOTALS					$ 0.30	

ACCEPTANCE

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

GENERAL SERVICES ADMINISTRATION

BY *(Type name)*	SIGNATURE	TITLE
Brack Buchanan	s/	Buyer

INVOICE

TO: General Services Administration, Region IV

FOR	
Mica delivered as indicated above	$1,212.33

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

SELLER *(Type name)*	DATE
A. W. Reid (May Mine)	2-4-53

BY *(Signature)*	NAME AND TITLE *(Type)*

GSA-WASH DC 53-3094

GSA FORM 1013
September 1952

COPY COPY

GENERAL SERVICES ADMINISTRATION
Mica Purchase Depot -

WARRANTY, ACCEPTANCE AND INVOICE

DATE: 3-17-53
ACCEPTANCE NUMBER: 4-766

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-74A	SP-766	

WARRANTY

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

NAME AND ADDRESS OF SELLER *(Type or print)*	SELLER OR PERSON AUTHORIZED TO SIGN THIS WARRANTY FOR SELLER
NAME: A. W. Reid	SIGNATURE:
STREET ADDRESS:	NAME *(Type or print)*: A. W. Reid
CITY, ZONE AND STATE: Franklin, N. C.	TITLE *(Type or print)*: Owner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA

QUALITY	HALF TRIM			FULL TRIM		
	POUNDS	PRICE PER LB.	AMOUNT	POUNDS	PRICE PER LB.	AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER				.37	$70.00	25.00
GRADES NO. 4 AND 5				2.95	$40.00	118.00
GRADES NO. 5½ AND 6				14.98	$15.00	224.70
STAINED						
GRADES NO. 3 AND LARGER		$12.00		.25	$18.00	4.50
GRADES NO. 4 AND 5		$ 5.00		5.91	$ 8.00	47.28
GRADES NO. 5½ AND 6		$ 3.00		18.48	$ 5.00	92.40
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 8.00			$13.00	
GRADES NO. 4 AND 5	22.45	$ 4.00	89.80	.85	$ 6.00	5.10
GRADES NO. 5½ AND 6	87.18	$ 2.00	174.36	3.51	$ 3.00	10.53
TOTALS	109.63		264.16	47.30		528.41
LOT TOTALS				156.93		792.57

PROGRAM B - HAND-COBBED MICA

TOTALS					$ 0.30	

ACCEPTANCE

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

GENERAL SERVICES ADMINISTRATION

BY *(Type name)*	SIGNATURE	TITLE
Carl Buchanan		Head Buyer

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $ 792.57

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

SELLER *(Type name)*	DATE
A. W. Reid (May Mine)	3-17-53
BY *(Signature)*	NAME AND TITLE *(Type)*: A.W. Reid, Owner

GSA-WASH DC 53-3094

GSA FORM 1013
September 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 16 1953

FILE COPY
SURNAME: 8/3

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

AUG 3 1953

Houk
Hoffman
Selfridge
Hedges
Kinkel

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

Subject: Docket No. DMEA-2327 - Mica
Andrew W. Reid
May Mine
Macon County, North Carolina
Contract No. Idm-E476

Dear Mr. Laurence:

Reference is made to the field team report on the subject contract and the recommendations on certification of discovery or development.

The field team report states on Page 1, last sentence, second paragraph:

"If a certification of discovery is issued, it should be confined to the 'Adit A' area."

Under the contract form of February, 1952, the area of the certification of discovery is not limited to the immediate area upon which the work under the exploration contract was performed but to the entire area described in Article 2 of the exploration project contract which, in this case, is 100 acres more or less.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JHB)

Approved:

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

A. R. Kinkel, Jr. (JHB)
Member, Geological Survey

LGHouk:gad 7/27/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.G. 8-3-53

FILE COPY
SURNAME:

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

AUG 3 1953

Mr. Andrew [illegible] Reid
P. O. Box 489
Franklin, North Carolina

Re: Docket No. [illegible]-2327 - Mica
May Mine
Macon County, North Carolina
Contract No. Idm-1476

Dear Mr. Reid:

Transmitted herewith is a Certification of Discovery or Development on Contract No. Idm-1476 on the May Mine in Macon County, North Carolina.

By the terms of the Exploration Project Contract and of the Certification, all production from the property from the date of the Exploration Project Contract, January 16, 1953, is subject to the Government's percentage royalty as set forth in the contract until the sum of $1,[illegible].10 is paid or until January 16, 1963, whichever occurs first.

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

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

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

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

Enclosure

JHopkins:gad 7/[illegible]/53

Docket File
Field Team, Region VII
Mr. Thayer, 516 U.S. Bldg.
Operating Committee

Copy to: Admr. - File
Mr. Johnson
Mr. Hodges, 4-[illegible]
Mr. Chambers
Mr. [illegible]

R.C.G.
8-3-53

FILE COPY
SURNAME

Hook
Chamber
Defense
Hoffman
Winchell (noted)
Hedges
Schwab
Mittendorf

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

AUG 3 1953

Mr. Edward F. [illegible]
Administrator, Defense Materials
Procurement Agency
General Services Administration Building
Washington 25, D. C.

Re: Docket No. DMEA-2127 - Mica
Andrew J. Reid
May Mine
Macon County, North Carolina
Contract No. Idm-2476

Dear Mr. [illegible]:

I am enclosing one copy each of a "Certification of Discovery or Development", Summary Report of Operator, and a final report by the Field Team, all relating to the subject contract.

The exploration project contract was executed on January 16, 1953, and work completed March 27, 1953. The Government participated to the extent of 90% of $1,809.50 or $1,628.10, according to Report of Review in lieu of final audit.

The final field team report states in part:

> At Pit "A" the three cuts and three test pits expose pegmatite at least 150 feet in length over a vertical depth of 30 feet. The average thickness is 12 feet. Mica occurs throughout the feldspathic portion of the dike, but appears to be more abundant adjacent to the banding wall side of the quartz core. The mica is ruby in color and clear. It is estimated that approximately [illegible] tons of scrap mica are indicated, and some pattern could be recovered as a by-product.

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

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Enclosures 3

LOHook:gad 7/27/53

Copy to: Admr. R. File
Operating Committee
Mr. Hedges, 4604
Mr. Thayer, 2216 GSA Bldg.
Field Team, Region VII

Docket File
Mr. Johnson
Mr. Chambers
Mr. Hook

R.C.S.
8-3-53

FILE COPY
SURNAME:

Feitler
Houk
Kimball
Hedges
Sellmeyer
Mittendorf

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

JUL 6 1953

Mr. Andrew [illegible] Reid
P. O. Box 4[illegible]9
Franklin, North Carolina

Re: Docket No. DMEA-2327 - Mica
May Mine
Macon County, North Carolina
Contract No. Idm-2476

Dear Mr. Reid:

Your application for additional exploration work under the subject contract has been reviewed by this office.

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

Careful study of all our information, including that derived from the recent exploration, indicates to us that the probability of discovering minerals in reserve [illegible] program is not sufficiently promising to justify government participation. We regret to advise you, under these circumstances, that your application for additional exploration assistance must be denied.

We wish to thank you for your interest in the Defense Minerals Program.

Sincerely yours,

C. O. Mittendorf

Administrator

SAFeitler:gad 7/6/53

Copy to: Admr. R. File
Docket File
Operating Committee
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.S.
7-6-53

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

June 26, 1853

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
RECEIVED

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, D M EA- Region 7

Subject: Final Field Team Report on DMEA-2327, Idm-E476 (mica) May Mine.

Transmitted herewith are four copies of the above subject report. The Field Team agrees with the recommendation that a certificate of discovery should be issued on the basis of scrap mica at the Adit A area alone.

Robert A. Laurence

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

Wm A Beck

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

zm

Reviewed by
DMEA OPERATING COMMITTEE
7-8-53
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 1 1953

Final Fld Tm Report

GCS 7/24/53

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT ON

MAY MINE (mica) DMEA-2327, Idm-E476
Macon County, North Carolina

By

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

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

June 24, 1953

Reviewed by
DMEA OPERATING COMMITTEE
7-8-53
(date)

FINAL REPORT
on
DMEA Docket No. 2327, Idm-E476
(Mica)
MAY MINE

Operator: A. W. Reid, P.O. Box 489, Franklin, N. C.

The May mica mine is on the headwaters of Mica City Creek about 14 miles by road northeast of Franklin, Macon County, North Carolina.

Most of the work was confined to the pegmatite worked from Adit "A". This pegmatite was followed for about 150 feet by a series of three cross-cutting trenches. The pegmatite is large, but practically the entire mica content is of scrap quality. The trench on the main May pegmatite failed to expose a worthwhile mica deposit. The field examiners are of the opinion that no discovery was made at the main May pegmatite and no discovery of strategic mica was made at the "Adit A" pegmatite, but a deposit of scrap mica was found at "Adit A". If a certificate of discovery is issued, it should be confined to the "Adit A" area.

No additional exploration is warranted at either of the localities.

Work consisted of cutting a northeast trending trench 100 x 10 x 12 at the middle cut. The cut was supplemented by considerable open cut work in hard rock by the operator at his own expense. Three cuts were made at the "Adit A" pegmatite. These cuts were made along a steep slope and the two lower ones exposed pegmatite. The upper trench is not deep enough to expose the top of the pegmatite. The trenches at "Adit A" were followed by cleaning out 40 feet of "Adit A" and sinking a 6-foot pit in the floor of the adit, and a 6-foot pit on each side of the large quartz core from the middle trench. Work began February 23 and was completed on March 27, 1953.

There is strong evidence that the two pegmatite exposures in the middle cut (main May pegmatite) belong to the same pegmatite. The trench exposes about 15 feet of pegmatite and the latter open cut work at the Operator's own expense adds considerable strength to the belief that this pegmatite is emplaced in an open fold and all pegmatite exposed in this area belongs to the same body. The explored pegmatite is medium to coarse textured, and composed of plagioclase feldspar, quartz (in lenses up to 2 feet across), mica, and red garnet, in order of abundance. The mica is of poor quality. It is bent, badly ruled, and more than 50 percent is of non ruby color. The field examiners do not believe that a discovery was made at the middle cut.

At "Adit A" the three cuts and three test pits expose a pegmatite at least 150 feet in length over a vertical depth of 50 feet. The pegmatite ranges between 1 and 15 feet in thickness, with an average thickness of about 12 feet. The southwest end is exposed, but the northeast limits were not reached. It strikes N. 20° E. dipping 60-80° SE. The country rock is a biotite gneiss which strikes about due north and dips to the east.

The most conspicious feature of the pegmatite is the prominent quartz core. The core is persistent across all exposures. It is from 4 to 6 feet thick and is located from two to six feet from the foot wall. The feldspathic portion of the pegmatite is kaolinized. Mica occurs throughout the feldspathic portion, but appears to be more abundant adjacent to the hanging wall side of the quartz core.

The mica is soft, badly ruled, cracked and bent. It is ruby in color and clear. Many large books were recovered during the project, but because of their ruled, bent, and broken condition, only punch and scrap could be recovered. It is estimated that approximately 1000 tons of scrap mica are indicated as a result of the project. Some pattern could be recovered as a by-product. Approximately 3000 pounds of punch and scrap were recovered by the project.

Expenditures:

(a)	Total approved	$1,900.00	
(b)	Total cost of the project	1,809.00	
(c)	Government's share of cost	1,628.10	
(d)	Government's share unexpended	81.90	
(e)	Value of production during project	300.00	(estimated)

The operation was conducted satisfactorily. No equipment of salvageable value was purchased for the project.

June 24, 1953.

Kefton H. Teague, U.S.G.S.

Lawrence E. Shirley, U.S.B.M.

zm

Mr. Reitler

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

June 1, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2945, Mica, May Mine
Macon County, North Carolina

I concur in the field team's recommendation to deny subject application on the basis that the mica is of poor quality.

W F Dietrich

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CNM

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

May 21, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2327 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: Andrew W. Reid, Franklin, North Carolina.
Name of property: May mine.
Location of property: Franklin, North Carolina.
Date of field team report: May 13, 1953.
Authorship of field team report: Teague and Shirley.
Field team's recommendation: Denial.
Comments: New application. Apparently Docket 2945.
ACTION SUGGESTED: Follow field team's recommendation.

D. M. Larrabee

D. M. Larrabee

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

WASHINGTON 25, D. C.

May 15, 1953

MAY 18 1953

Memorandum

To: Operating Committee, D M E A - Washington

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

Subject: Field Examination Reports.

Transmitted herewith are four copies each of the following field team examinations:

DMEA-~~2945~~ 2327, May Mine (mica), North Carolina

DMEA-2948, Jim Roper (Blaine)Mine (mica) North Carolina (6 copies of Owner's Consent to Lien attached).

DMEA-2949, Anderson Mine (mica) North Carolina

DMEA-2962, Holbrooks Mine (mica) North Carolina

The Field Team concurs in the denial of the above listed applications.

Robert A. Laurence
Robert A. Laurence, Executive Officer
DMEA- Field Team, Region 7

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

Reviewed by
DMEA OPERATING COMMITTEE

5-22-53
(date)

Mr. Fields

UNITED STATES

DEPARTMENT OF THE INTERIOR

MAY 18 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION BY FIELD TEAM, REGION VII

ON

DMEA-~~2945~~ 2327, MAY MINE (mica)
Franklin, N. C.

By

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

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

Reviewed by
DMEA OPERATING COMMITTEE

7-23-53
(date)

May 13, 1953

Field Examination Report
on

DMEA-~~2945~~ 2327, MAY MINE, (Mica)

Applicant: Andrew W. Reid, P.O. Box 489, Franklin, N. C.

A description of this mine is covered under DMEA Docket No. 2327, a field examination report dated March 13, 1952. Since that time we have had a small project on the mine, Idm-E476. Also the applicant, at his own expense has enlarged and deepened the cut at the main opening (middle workings). Mica uncovered by both the project and the Operator's independent work is in general of poor quality, mostly scrap.

The field examiners discussed this proposed project with the applicant on May 7, 1953 and reached the conclusion that no additional assistance at this place is justified, thus the application should be denied.

May 12, 1953.

Kefton H. Teague, USGS

L. E. Shirley, USBM

2M

4/11/53 MF-103 ANDREW W. REID FRANKLIN, N.C. - MICA -
MAY MINE
MACON COUNTY

DOCKET NO. 2945 2327

ANSWERS TO QUESTION NO. 6 - AS REQUESTED BY MR. L. G. HOUK, CHIEF NONMETALLIC MINERALS DIVISION, DATED: APRIL 1, 1953.

Tunnel, 150 feet can be completed in 50 working days WITH 2 SHIFTS.

(a) None.

(b)	2	Working Foremen,	50	days	@ $12.00	per	day	each	$1200.00
	2	Miners-Drillers,	"	"	10.00	"	"	"	1000.00
	2	Helpers	"	"	8.00	"	"	"	800.00
	4	Muckers	"	"	8.00	"	"	"	1600.00
									$4,600.00

(c)	Hand Tools, 2 wheelbarrows, 4 picks, 1 crosscut saw, 6 shovels, 2 sledge & 1 claw hammer, spirit lever, square, etc.	125.00	
	75 cases explosives @ $13.50 per case	1012.00	
	2200 exploders	85.00	
	Blasting Machine	75.00	
	Gasoline & Oil	265.00	
	Carbide - 6 cans @ 3.30	19.80	
	Carbide Lamps, 10 @ $2.25	22.50	
			1,604.30

(d)	Rental, Compressor, Jackhammer & Hose @ $186.00 per month	235.00	
	Purchase, 50 pcs. steel @ average $6.00 each	300.00	
	1000 Bits @ 42¢	420.00	
	Tram Car & 400' track	245.00	
	Cross Bars & Spikes	105.00	
			1,305.00
	TOTAL ESTIMATED COSTS		7,509.30

Note - (e) and (f) - none required.

Applicant has applied for aid to explore the CAMPBELL MINE, Docket No. 2944. Included with that application are costs for Supervisor and Jeep transportation rental, which can be utilized in work to be done on the May mine - at no additional cost.

- - - -

C O P Y

P.O. Box 489

Franklin, North Carolina

April 21, 1953

Defense Minerals Expl. Adm.
Room 13, Post Office Building
Knoxville 2, Tennessee

Attention: Mr. Wm. A. Beck

Re: DMEA-2327, Idm-E476(Mica)

Gentlemen:

Reference is being made to your letter of the 17th, in which you request certain information connected with the above contract.

I hereby certify that the following is a true and exact copy of my records:

Work on this project started February 23, 1953, and was completed March 27, 1953. Labor paid was as follows:

Employees; Laborers, Beverage Sanders, Omer Elmore, Beulon Mason. Each worked 20 days, 8 hours per day and were paid at the rate of $1.00 per hour, or $160.00. A. W. Reid worked as supervisor or foreman, worked the same number of hours and days at $1.50 per hour - $240.00

Days worked:

February	23, 24, 25, 26, 27	5 days
March	2, 3, 4, 5	4 days
	9, 10	2 "
	16, 17, 18, 19, 20	5 "
	23, 24, 25, 26	4 "

Total - 20 days

I trust this is the information you require.

Very truly yours,

s/ A. W. Reid

ANDREW W. REID

Copied by zm.
cc:
Beck
Finance Office-3

Mr. Feitler

ANDREW W. REID

MINE OWNER
&
OPERATOR
—
MAY
MARY
BUOY
SCOTT
HIGDON
CAMPBELL
LYLE KNOB
MILL KNOB
COPE MOUNTAIN
PITT
PROCESSING
PLANT

MICA MINING & SALES
Pattern, Sheet, Punch and Processed Scrap

P. O. Box 489
FRANKLIN, NORTH CAROLINA

April 17, 1953

2327

Defense Minerals Expl. Adm.
Department of the Interior
Washington 25, D. C.

RE: - Mica - ~~DMEA-2945~~
May Mine, Macon County

Gentlemen:

In connection with my exploratory application, it has been requested that I furnish the additional information.

Under Contract Idm-E476, DMEA #2327:- Due to the terrain, which varies at all mines, it is difficult to accurately determine yardage removed by bulldozer. Several factors enter into this, such as type and size of quartz, flint, etc., encountered at time of work. In the case of this contract, it is estimated that 1500 cu. yds. of dirt was moved at a cost of $1000.00; about 66¢ per cubic yard. This is not considered high because, in addition of heavy quartz, many large trees had to be blasted and removed while the dozer idled at continuing cost. From my experience I know that some mined can be dozed at a cost of less than half - to remove overburden.

Of the labor cost on this job, about $100.00 can be considered for hand labor to remove approximately 20 yards at a cost of about $5.00 per cubic yard, from test pits, etc.

Balance of labor, $380.00, was used for blasting trees, sawing, moving debris, picking mica uncovered by dozer, etc. Tools, costing in excess of the $47.00 allowed, were used and are now of little value.

In connection with my new application, Docket #2945, any items of cost not included in estimates, such as insurance, crow bars, miners' caps, rubber tired wheelbarrows, etc., etc., is presently owned by me or will be purchased without charging to contract. However, it is requested that 5% be added to estimated cost - $375.47 - for any other contingencies. My estimated of number of men, therein, is correct. I do not have available equipment for use on this exploratory work; therefore it will be necessary to rent as stated.

Very truly yours,

A. W. Reid

A. W. REID

FILE COPY
SURNAME:

Feitler
Houk

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

600

April 6, 1953

Memorandum

To: Mr. Robert E. Adams

From: Nonmetallic Minerals Division

Subject: Application No. DMEA-2945 - Mica
A. W. Reid
May Mine
Macon County, North Carolina

Re: Current Contract Idm-E476
Docket No. DMEA-2327

Contract Idm-E476 involving the same operator and mine is now in effect. The work proposed in DMEA-2945 should properly be considered as a proposed amendment to Contract Idm-E476, Docket No. DMEA-2327 as the same operator and mine are involved.

Please cancel Docket No. DMEA-2945 and place all the data in Docket No. DMEA-2327.

This procedure was recommended by Mr. Frank Johnson.

Stanley A. Feitler
Nonmetallic Minerals Division

Attachment

SAFeitler:gad 4/6/53
Copy to: Admr. R. File
Docket File
Mr. Houk

PER MR. ADAMS - 4/7/53 - DMEA-2945 WITHDRAWN AND MATERIAL IN DMEA-2945 PLACED IN DOCKET DMEA-2327.

Mr. Fischer

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

April 2, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 3 1953

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2945, Mica, May Mine, Macon County
North Carolina

DMEA contract Idm-E476 (Docket 2327) is now in progress at subject mine. The field team has been associated closely with the activities at this mine. It is recommended that the field team be requested to evaluate the new proposed program to ascertain if an exploration program is justified.

W. F. Dietrich

W. F. Dietrich

FILE COPY
SURNAME:

Houk

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

APR 1 1953

Mr. A. W. Reid
Box 489
Franklin, North Carolina

Re: Docket No. DMEA-2945 - Mica
May Mine
Macon County, North Carolina

Dear Mr. Reid:

L.C. 4/1/53

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

Please note Article 6 of MF-103 a blank copy of which is enclosed. It is a requisite part of your application to include a detailed cost estimate for the required work. Kindly supply answers to Article 6 (a) to (f) inclusive, giving a detailed cost breakdown under each of the subheadings.

Your application will be processed further when the above information is received.

Sincerely yours,

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Enclosure

LGHouk:gad 4/1/53

Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

Mr. Feitler

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

C C
O O
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Y

Office of
Regional Director

Southeastern Region
Region VII
Hamilton Bank Building

C C
O O
P P
Y

Post Office Box 1909
Knoxville, Tennessee

April 7, 1953

Memorandum

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

From: Administrative Officer, Region VII, Knoxville, Tennessee

Subject: Monthly reports and vouchers

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

Idm-E-314 Fred Arrowood
DMEA Docket No. 1875X
9th and Final payment - month of March
Amount $472.50

Idm-E-392 Callahan Zinc-Lead Company
DMEA Docket No. 2576
6th payment - month of February
Amount $6517.48

Idm-E-407 Fred Wilson
DMEA Docket No. 2533
5th payment - month of March
Amount $630.00

Idm-E-476 Andrew W. Reid
DMEA Docket No. 2327
1st and final payment - months of February - March
Amount $1628.10
Starting Date: February 23, 1953
Completion Date: March 27, 1953

/s/ Helen Miller
Helen R. Miller

Enclosures
CC: R. A. Laurence
W. A. Beck

First and Final

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

DEPARTMENT OF THE INTERIOR
Budget Bureau No. 42-R1036.3.
Approval Expires Feb. 20, 1953

RECEIVED
APR 9 1953

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

Month of March, 1953 Docket No. DMEA 2327 Contract No. Idm-E476
Operator's Name ANDREW W. REID Minerals
Address P. O. BOX 489 Franklin, N. C. MICA
Contract Amount, $1,900.00 Government Participation: 90% Amount, $1,710.00

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	$ 1000.-	-	$ 1000.-	1000.00		1000.00
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	480.-	-	480.-	480.00		480.00
Supervision	240.-	-	240.-	240.00		240.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Hand Tools LES	47.00		47.00	47.00		47.00
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Jeep Transportation	42.-	-	42.-	42.00		42.00
~~Hand Tools~~	~~47.-~~	-	~~47.-~~			
(8) Contingencies (specify):						
TOTALS	$ 1809.-	-	$ 1809.-	1809.00		1809.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 3/30/53 *Payee Andrew W. Reid

Per _____ Title _____

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

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

(Instructions on reverse)

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

$1628.10

Signature Cora A. Piper
(Authorized Certifying Officer)

Date APR 6 1953 Vou. No. 14

(See other side)

S - 2/23/53
C - 3/27/53

1 of 7.

180.90

(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-E476 in accordance with the terms of the contract.

Signature Lawrence E. Shurley Title Mining Engr. U.S.B.M. Date April 1, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. A. Beck Title ACTING EXECUTIVE OFFICER DMEA REGION VII Date APR 3 1953

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 9 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1953 Docket No. DMEA 2327 Contract No. Idm-E 476

Operator's Name ANDREW W. REID Minerals MICA

Address P.O.BOX 489 Franklin, N. C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Hr.	$1000.-	100	$1000.00	100	$1000.-	100	$1000.00
Crosscutting								
Raising					1500cy.	66 2/3	4/c.y.	
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching					20 cy	$5.00		
Test Pits Hand Labor	Hr.	480.-	480	480.00	480	480.-	480	480.00
Roads and Trails								
Supervision	Hr.	240.-	160	240.00	160	240.-	160	240.00
Total Distributed Costs				$ 1720.00				Total Costs Authorized by Contract
Jeep Transportation								
~~Operating Equipment Purchased~~				42.00				63.00
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Hand Tools				47.00				47.00
Total Costs				$ 1809.00				$ 1830.00

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

Date 3/30/53 Operator Andrew W Reid

Per _____ Title _____

Remarks: _____

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 83-38475

MF-104 ANDREW W. REID P.O.BOX 489 FRANKLIN, N.C.
DOCKET NO. DMEA 2327 CONTRACT NO. Idm-E 476 MICA

NARRATIVE

WORK ACCOMPLISHED:

Moved in with bulldozer, hired 3 laborers for single daylight shift. Dozing completed as per contract, with laborers assisting same and removing mica blocks as encountered.

TIME RECORD

Dozer started February 23, 1953 and completed its work March 10, 1953.

Laborers (3) started February 23, 1953 and completed their work, as per contract, on March 27, 1953.

Supervisor, A. W. Reid, worked 23 days (contract allows only 20 days).

Jeep Transportation included 20 trips from Franklin to the May Mine, 30 miles per round trip, a total of 600 miles.

- - -

Trench and cuts, as provided in contract, were completed.

Two (2) test pits were sunk into the pegmatite, 5' x 6' x 8' and 3' x 6' x 3', and an old tunnel was cleaned out. The vein at this point is approximately 12 feet wide, showing a large quantity of small masses of ruby quality mica.

Three cuts were dozed. Cut No. 1 - 125' long, 30' deep, 12' wide at the bottom. The pegmatite in this cut is 12' to 20' wide.

Cut No. 2 failed to get deep enough due to hardness of overburden.

Cut No. 3 - vein material exposed approximately 50 feet. Small books of small ruby mica were encountered. This vein is about 12 feet wide. Work at this point is being continued by Operator at his own expense because it looks very favorable to becoming a producer of large quantities of hygrade strategic ruby mica.

Operator also expects to continue operation at Cut No. 1. This vein is exposed 100 feet in length, showing large masses of small ruby mica. One block recovered weighed approximately 50 pounds (10"x10"x12") but slightly stained due to being near the surface. Approximately 500 pounds of block mica was recovered during exploration but none has been sheeted as yet.

Because of the excellent results from this work, Operator anticipates same will be certified.

(Receipted bills for dozing and hand tools are attached).

U.S. BUREAU OF MINES
Knoxville, Tennessee

RECEIVED
APR 3 1953
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

IN REPLY REFER TO:
G-MD-CNM

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

March 26, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 27 1953

Memorandum

REVIEW OF APPLICATION DMEA-2945 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: J. J. Norton, U. S. Geological Survey
Applicant: A. W. Reid.
Name of property: May.
Location of property: 14 miles northeast of Franklin, North Carolina.
Estimated cost of project: Not stated.
Summary of applicant's proposal: 150-foot adit beneath what I presume are the "middle" workings.
Sources of information on applicant's property: DMEA-2327. Contract Idm-E476.
Comments:

1. The adit requested in this application appears to be very similar to the work suggested in the letter of May 9, 1952, from Johnson to Laurence. At that time the applicant did not want that type of exploration; instead, he wanted the surface trenching that eventually was undertaken. This situation has some similarity to wanting to have one's cake and eat it too.

2. Contract apparently has not been terminated, and final reports have not been received.

3. Field team should consider this application at the same time that it prepares final report on the contract now in effect.

RECOMMENDATION: Refer to field team.

J. J. Norton

BUREAU OF MINES
WASHINGTON, D.C.

MAR 27 10 47 AM '53

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
RECEIVED
MAR 24 1953

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

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

Not to be filled in by applicant

Docket No. DMEA-2945
Metal or Mineral
Date Received 3-24-53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

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

ANDREW W. REID
P. O. BOX 489
FRANKLIN, N.C.

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract BEING the lands described in deed, dated February 17, 1923, from Eliza McConnell, et al, to A. W. Reid and recorded in the office of the Register of Deeds for Macon County, N.C., in Book I-4 at page 233.

(*b*) State any mine name by which the property is known. MAY MINE

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

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

(*e*) If you own the land, describe any liens or encumbrances on it NONE

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

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

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

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

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

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

5. *The exploration project.*—(*a*) S[illegible] the mineral or minerals for which you wish [illegible]xplore STRATEGIC RUBY MICA

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[X] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated MARCH 21st, 1953

(Applicant)

By Andrew W Reid

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

U. S. GOVERNMENT PRINTING OFFICE 16—60551-1

4. During the years applicant has owned this property considerable work has been done by him. In World War 11, he opened Section No. 1, by a cut approximately 60 feet long, 25 feet deep and 10 feet wide. From this section he sold $28,000.00 worth of hygrade strategic ruby mica to the Colonial Mica Corporation - in sheets to 6" x 8".

Currently, applicant has exposed the vein in Section 2 (see attached sketch) 125 feet long, 25 feet wide and 25 feet deep - at a position down the hill about 100 feet below Section No. 1; between the two hills. Large quantities of mica have been recovered but mostly twisted because the wall rock has pushed into the vein in this area and has broken up the mica.

At Section No. 3, applicant will complete a DMEA exploratory contract within a few days. Excellent results have been accomplished by this work which has further established the importance of the mine.

Property is readily accessible for examination with many sections of the vein open for inspection.

Attached sketch shows distance from Franklin; shipping point, etc.

Sufficient manpower, materials, etc., are available for all purposes.

5. Because of all the work done by applicant on this property, as stated above, it is now proven that the main mica shoot lies in Section 1. It was from this area that large production resulted and it should be properly opened so that its reserves may be made available for stock-pile purposes.

As outlined on the attached sketch, it is proposed to construct a tunnel, 150 feet long, into this main shoot of Section 1; located in such a position which will permit it to terminate about 75 feet below past workings of Section 1. When completed, operation will be possible in all directions on the vein.

Necessary equipment is now on the property and applicant can start immediately upon granting of contract, and complete the work within 50 working days.

DMEA CONTRACT REFERRED TO ABOVE IS NO. IDM-E 476 (DOCKET DMEA 2327)

MF-103 ANDREW W. REID P.O.BOX 489 FRANKLIN, N.C. - MICA -
MAY MINE
MACON COUNTY

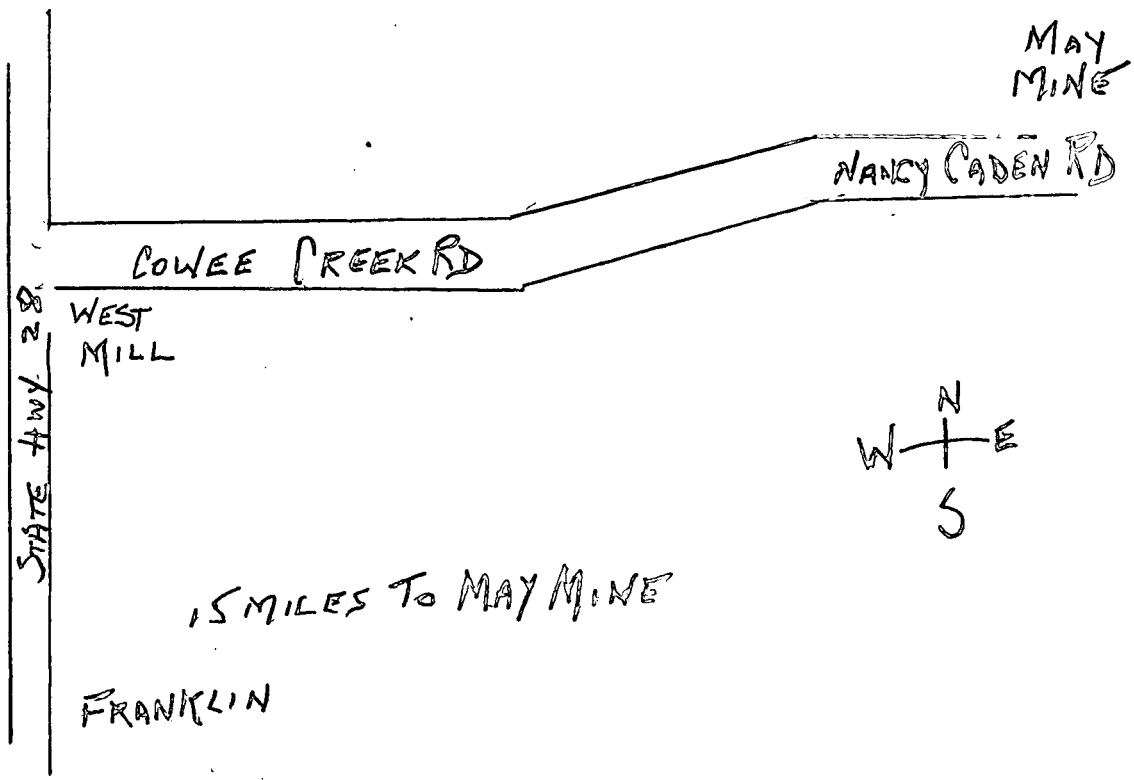
5. Applicant has mined and operated in the Franklin District for more than 30 years. He is well acquainted with the various types of pegmatite formations and is thoroughly experienced in all methods of mining, sheeting and processing mica. He will personally supervise the work.

6. No independent contracts are anticipated in connection with this exploratory work.

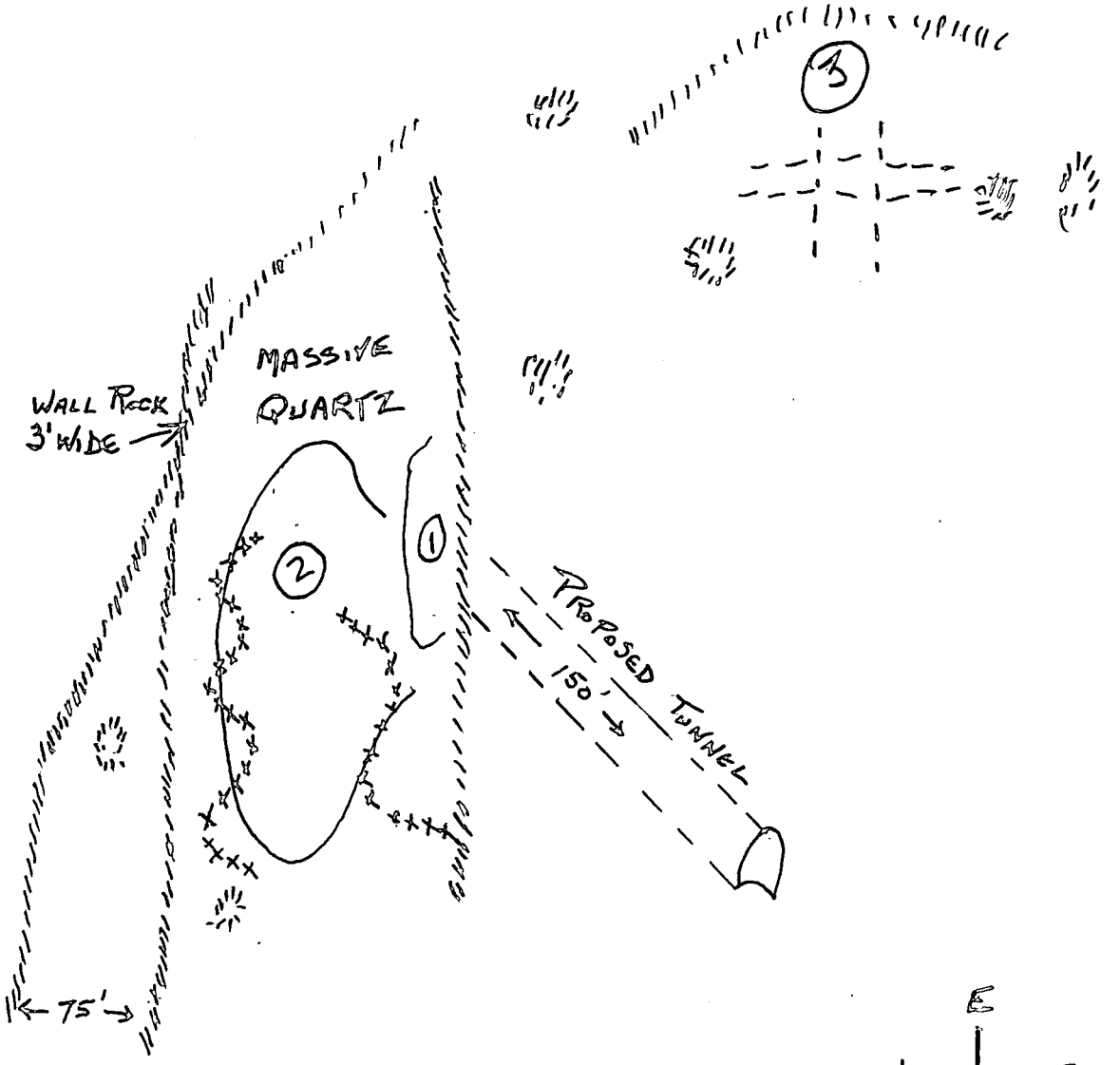
It is presumed the Field Team will approve for contract on a footage basis, at figures to be agreed upon between the Team and the applicant.

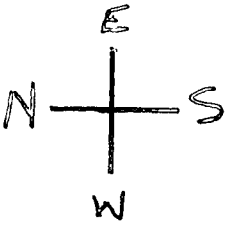
In the event any contingencies should arise, cost for same will be borne by applicant.

- - - - -



MF-103 ANDREW W. REID P.O.BOX 489 FRANKLIN, N.C. - MICA -
MAY MINE
MACON COUNTY





PEGMATITE & OUTCROPS

WALL ROCK (pushed into vein)

1. CUT WORKED IN LAST WAR

2. CUT, OPENED RECENTLY, EXPOSING VEIN

3. RECENT WORK UNDER DMEA CONTRACT

DMEA 2327

March 24, 1953

Mr. Andrew W. Reid
P. O. Box 489
Franklin, N. C.

DMEA-2945
Subj: Exploration Assistance
Relay Mine

My dear Mr. Reid:

The receipt of your application dated March 21, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2945 and referred to the Nonmetallic Minerals Division.

Kindly refer to DMEA-2945 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS
Robert E. Adams, Chief,
Operations Control and
Statistics Division

INTERIM REPORT

DEPARTMENT OF THE INTERIOR
Minerals Administration
RECEIVED
APR 1 - 1953

IMEA-2327 Idm-E476 (mica) MAY MINE

OPERATOR: Andrew W. Reid, P. O. Box 289, Franklin, N. C.

LOCATION: On the headwaters of Mica City Creek, about 14 miles northeast of Franklin, Macon County, North Carolina.

This project began on February 23, 1953 and three cuts by bulldozer had been completed at the time of this visit. All cuts were made essentially parallel to, but above, Adit A as shown on proposed prospecting map at "Adit A", May Mica Mine Map - Figure 2. The two uppermost cuts did not show pegmatite material, but the lower cut exposed a dike, striking about N 20° E and dipping steeply, about 15 feet in width, with about 30 feet of vertical section showing. This vein material is composed of feldspar, massive quartz and mica of good ruby color. The dike is enclosed by weathered micaceous schist.

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

L. E. Shirley

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

K. H. Teague

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

March 13, 1953

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 30 1953

January 27, 1953

BL

Memorandum

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

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

Subject: Signed Contract- DMEA-2327, Idm-E 476. A. W. Reid - Mica

Transmitted herewith are three copies of the above subject contract. One copy has been retained in this office, one by the Operator, and one sent to the Finance Officer, according to the usual procedure.

Wm. A. Beck

Wm. A. Beck

Cal
1/30/53

FILE COPY
SURNAME:

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

Feitler
Hook
Chamberlin
Selfridge

JAN 16 1953

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

Subject: Docket No. DMEA-2327 - Mica
A. V. Reid
Franklin, North Carolina
May Mine
Macon County, North Carolina

Dear Mr. Laurence:

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

The program is the same as that recommended by the Field team but the prices have been brought into line with those currently being used for comparable work in North Carolina.

The time to be allowed for starting and completing the work should be inserted in Article 3 of the contract. 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 the contract, one copy is to be given to the operator, one copy retained for your files, one copy for the Finance Officer, and the remaining copies, including the original, are to be returned to this office as soon as possible.

Sincerely yours,

George C. Selfridge (GCS)
Chairman, Operating Committee

1-16-53

Approved:

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

T. P. Thayer (TPT)
Member, Geological Survey

Enclosures 6

SAFeitler:gad 12/31/52
Copy to: Admr. R. File
Docket File
Operating Committee (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Hook

FILE COPY
SURNAME:

Fritler
Thule

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

December 31, 1952

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Resume - Docket No. DMEA-2327 - Mica
A. W. Reid
Franklin, North Carolina
May Mine
Macon County, North Carolina

Action recommended: Approval of contract providing for trenching and excavating test pits at a total cost of $1,900.00.

Conclusions: The exploration recommended by the Field Team offers promise of a discovery which may result in the production of a significant quantity of strategic mica.

The proposed work is to be accomplished at a modest cost by an able operator who has had much experience in mining mica.

This application has been held up in the Division for about six months.

Reason for suspension of processing: The applicant, A. W. Reid, owned approximately 1/3 of the stock of the Pitt Mica Corp., Contract No. Idm-E87, DMA-1140X, and is a partner in Reid and Hooker, Contract No. Idm-E456, DMEA-2150. Pitt Mica Corp. transferred its property to the three stockholders - A. W. Reid, W. H. Hooker, and Frank Siersma, without obtaining Government approval, and when a discovery was certified, the Government's lien was jeopardized. Consequently, the Division considered that none of these three individuals should be eligible for additional Government assistance.

Reid and Hooker as partners, Docket No. DMEA-2150, leasing Siersma's one-third interest, in the land obtained from the Pitt Mica Corp. applied for exploration assistance for another mine on the same tract. This mine has merit, and a Contract, Idm-E456, DMEA-2150, totaling $1,300.00 was written. A clause was inserted whereby the applicants jointly and severally assumed the liabilities of the Pitt Mica Corp. under Contract Idm-E87.

Contract Idm-E456, Docket No. DMEA-2150, was signed by both A. W. Reid and W. H. Hooker and approved because the Legal Division considered that the assumption of all liabilities of the Pitt Mica Corp. incurred under Contract Idm-E87 rendered A. W. Reid and W. H. Hooker eligible for further assistance.

Accordingly, processing of the subject application was resumed and a contract for exploration at the May Mine has been prepared.

Chronology:

1/15/52	Application received - proposes trenching and sinking test pits at a cost of $6,380.00.
1/18/52	USGS memo recommends that applicant supply additional data.
1/29/52	Letter to applicant requesting additional data.
2/4/52	Received letter from applicant with some additional information.
2/8/52	USGS memo recommends field examination.
2/19/52	Referred to Region VII.
3/31/52	Received field report which recommends trenching and test pits at a total cost of $2,485.00.
4/8/52	USGS memo concurs with Field Team.
5/2/52	USBM memo concurs with Field Team.
5/5/52	Telephone to K. H. Teague, Region VII, who says exploration is approximately in the center of the tract; therefore, no plat is necessary.
5/9/52	Letter to Region VII requesting reappraisal to consider underground exploration.
5/14/52	Received letter from Region VII reaffirming original proposal.
5/20/52	Letter to G. A. Purcell requesting qualification of mica sample.
5/23/52	USGS memo concurring with Field Team reappraisal.
5/26/52	Letter from Purcell, GSA, mica acceptable for stockpile.
6/12/52	Learned of irregularity in connection with Pitt Mica Corp. Contract Idm-E87, DMA-1140X of which company this applicant is part owner. Processing of this Docket (DMEA-2327) suspended until the above irregularity has been straightened out
12/16/52	Above irregularity has been corrected by final execution of DMEA-2150, Contract Idm-E456.
12/17/52	Contract prepared.
12/17/52	To Legal Division
12/31/52	Letter transmitting contract to Region VII prepared.

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

S. A. Feitler
Nonmetallic Minerals Division

SAFeitler:gad 12/31/52

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR

COPY

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. 600

5/26/52

Houk
Mittendorf

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region VII
Room 13, Post Office Building
Knoxville 01, Tennessee

Subject: Docket No. DMEA-1388 - Mica
" " DMEA-1955 - "
" " DMEA-2249 - "
" " DMEA-2327 - "
" " DMEA-2414 - "
" " DMEA-2429 - "
" " DMEA-2430 - "
" " DMEA-2431 - "

Dear Mr. Laurence:

Reference is made to Mr. Mittendorf's letter of May 21st transmitting samples of mica to Mr. George A. Purcell, Mica Consultant, General Services Administration, Federal Supply Service, Unit 2, 7th Floor, 34 Exchange Place, Jersey City, New Jersey, for evaluation. The following are Mr. Purcell's findings:

Hawkins Mine:
DMEA-1388

"Sample 3 pieces well prepared. Color: Ruby. Quality acceptable for stockpile.

Winters Prospect:
DMEA-1955

"Sample 7 pieces of poor preparation. Color: Ruby. Quality wavy and some black spots. Not acceptable for stockpile.

Luther Mine:
DMEA-2249

"Sample 5 small pieces poorly prepared. Color: Non-ruby. Quality poor except for 2 specimens. Not acceptable for stockpile.

May Mine:
DMEA-2327

"Sample 4 pieces of fair preparation. Color: Ruby. Quality somewhat wavy. Samples would indicate acceptable stockpile quality obtainable from this source.

Doublehead Mine:
DMEA-2414

"Sample 7 pieces of fair preparation. Color: Non-ruby. Quality contains some black spots. Not acceptable for stockpile.

Carpenter Mine:
DMEA-2429

"Sample 6 pieces very small, untrimmed. Color: Ruby. Usable area of samples too small to indicate quality or size obtainable. Acceptable for stockpile as to color.

Bumgardner Mine: DMEA-2430 — "Sample 6 thin sheets of fair preparation. Color: Ruby. Sample would indicate acceptable Quality obtainable from this source.

Glen Meade Mine: DMEA-2431 — "Sample 3 very small specimens poorly prepared. Color: Ruby. Samples too small to evaluate quality. It is possible acceptable quality could be obtained from this source but cannot so determine from present samples."

Please note that the mica from the Winters Prospect, DMEA-1955, Idm-E224, is not acceptable for stockpile. If the seven samples are representative of the quality of mica to be expected from this prospect, then you would be justified in terminating this contract.

The Luther Mine, DMEA-2249, and the Doublehead Mine, DMEA-2414, are not eligible for exploration assistance, and this office will write letters of denial on them.

Sincerely yours,

-S- 5/29/52

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Approved:

/s/ J. H. Hedges
Member, Bureau of Mines

/s/ D. M. Lemmon
Members, Geological Survey

LGHouk:gad 5/26/52

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

To Legal Division

2327-mica

	No. Copies
MF200	1
Exhibit A	1
Figure 1	6
Figure 2	6

SA

2327 5/23/52

May Mine - A.W. Reid.

Sample: 4 pcs. of fair preparation.

Color: Ruby

Qual. Somewhat wavy

Acceptable stockpile quality obtainable from this source.

Purcell

Mr. A.W. Reid
P.O. Box 489
Franklin, N.C.

Subject 2327-Mica
May Mine
Macon Co., N.C.

Dear Mr Reid:

Reference is made to the subject application for exploration aid at the May Mine, at the headwaters of Mica City Creek, Macon Co., N.C.

Teague - Tilden site

"about in middle of tract"

Teague

That is my site & necessary.

13/16.

2327 May Mine 5/5/52
8F

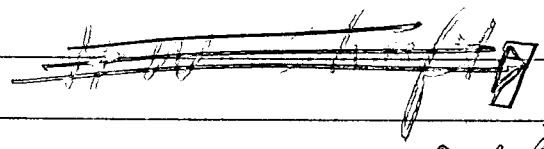
North workings -

Poray - May 1944
5' pdg. ↗ Books < 13"x8"x½"
Ave. 2"x3"x1" ↗ ruby → Rum
Some slight roll or warp - ruling & crack

Lemke Aug. 1944
6' Peg ↗ Books 6x8 in central shoot
(18' deep) Badly fractured & warped.
No further work.

Field Team (Teague) Mar. 1952

Agree with applicc on 125' trench between N. workings & middle.



Additional work not warranted!

+3 +9
+4 +11
+5 +12
+6 +13

2[redacted]27 May mi[redacted] 5/5/52

84

Pray May 1944 - Middle workings

HW exposed on S. edge of wkgs.

Qtz core Fine grained on North E

4' zone med. grained on South W

East end Qtz core absent &

med merges into fine - SE

Books up to 5% next to qeity.

Peg. Does not continue S. - apparently

North contains a few gneissic inclus.

which may indicate proximity

of FW ctr.

HW. zone - lg books Pale rum

to greenish rum

Some ruling & reeves.

Princ. defect black min. incl.

closely spaced

HW. zone best for prosp. in middle

should be prosp. to determine

quality & quant of mica.

(Prague Rept) This may have been done

Lemke - Aug. 1944 w. "scallop" effect

HW. has 4' "Barrels" of mica - rich

Deep amber Fractures - worst defect

Less deleterious - reeves, warp - pyrite

Peg. appears to end 10' SE but gneiss

may be only a dip scallop.

FW. is scrap here.

Continue mining on the rolls

Large - stop about quality in middle of stope

Middle

[redacted]

2 27 May mine

5/5/52
84

Pray May 1944 South

60A At portal 3'-4' thick thickens S.E.
Qtz. comes in 35' from portal
" thickens rapidly SE → 5' at heading
FW stoped more than HW.
Run to Ruby up to 6x6
soft, rolled, & warped.
Need better timber. No recommended appl.

Lemke Aug. 1944
No mention of Sa workgs.

Teague Mar. 1952
Dozer cuts & pits for extension of the peg.

FW shaft & end drifts

2327 6/12/52

Hold until
Pitt Mica Corp
& Reid & Hooker
are straightened out
SF

12/16/52
DMEA 2150 - Reid & Hooker
Contract received - executed
12/16/52. This contract
corrects previous irregularities
in connection with Pitt Mica
Corporation DMA 1140 X.
This application (2327)
may now be processed.
SF

IN REPLY REFER TO:

G-MD-JJN

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

May 23, 1952

Memorandum

REVIEW OF FIELD TEAM SUPPLEMENTARY REPORT ON APPLICATION DMEA-2327 (Mica).

To: Non-Metallic Minerals Division, DMEA.
From: J. J. Norton, U. S. Geological Survey.
Applicant: A. W. Reid.
Name of property: May Mine.
Location of property: Macon County, North Carolina.
Field team's recommendation:

No change from original field team recommendation.

Comments: None.

ACTION SUGGESTED:
Follow field team's recommendations.

J. J. Norton

J. J. Norton

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 26 1952

FILE COPY
SURNAME:

Houk
Wittendorf

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

C O P Y

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region VII
Room 13, Post Office Building
Knoxville 1, Tennessee

Subject: DMEA-1955, Winters Prospect
DMEA-2327, May Mine
DMEA-2414, Doublehead Mine
Mica

Dear Mr. Laurence:

Receipt is acknowledged of samples of mica from DMEA-1955 the Winters Prospect, DMEA-2327 the May Mine, and DMEA-2414 the Doublehead Mine.

The following samples were shipped to Mr. George A. Purcell as of today, and you will be supplied with the results when they become available:

DMEA No.	Name of Mine
1388	Huskins Mine
1955	Winters Prospect
2017	Nancy II
2249	Luther Mine
2327	May Mine
2414	Doublehead Mine
2429	Carpenter Mine
2430	Bungardner Mine
2431	Glen Mead Mine

Sincerely yours,

5-21-52

Acting Administrator
Defense Minerals Exploration
Administration

LCHouk:gd:mp 5/20/52
Copy to: Admin. Reading File
Docket File
Mr. Dietrich, 3526
Mr. Horton, G-232, GSA Bldg.
Mr. Houk

FILE COPY
SURNAME:

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

Houk
Mittendorf

5/20/52

Mr. George A. Purcell
Federal Supply Service
General Services Administration
Harborside Warehouse
Jersey City, New Jersey

Dear Mr. Purcell:

Transmitted herewith are samples received in this office for evaluation as to color and acceptability for stockpiling.

While I realize that some of these samples are in very poor preparation they are the best obtainable samples. The following list of samples are being transmitted:

DMEA No.	Name of Mine
1388	Huskins Mine
1955	Winters Prospect
2017	Nancy II
2249	Luther Mine
2327	May Mine
2414	Doublehead Mine
2429	Carpenter Mine
2430	Bumgardner Mine
2431	Glen Mead Mine

We would appreciate having the samples returned, if it is convenient for you to do so.

LGHouk:gad 5/20/52
Copy to: Admin. Reading File
Docket File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

Sincerely yours,

Signed 5-20-52

Lawrence G. Houk, Chief
Non-Metallic Minerals Division
Defense Minerals Exploration
Administration

Enclosures 9

P.S. Shall we send our mica samples to the nearest mica buying stations for evaluation when they begin operations?

IN REPLY REFER TO:

G-MD-JJN

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

May 23, 1952

Memorandum

REVIEW OF FIELD TEAM SUPPLEMENTARY REPORT ON APPLICATION DMEA-2327 (Mica).

To: Non-Metallic Minerals Division, DMEA.
From: J. J. Norton, U. S. Geological Survey.
Applicant: A. W. Reid.
Name of property: May Mine.
Location of property: Macon County, North Carolina.
Field team's recommendation:

No change from original field team recommendation.

Comments: None.

ACTION SUGGESTED:
Follow field team's recommendations.

J. J. Norton

JJNorton:hhp
G-5/23/52
cc: Director's Reading file, 4212
~~Division file, 4240~~ DMEA ✓
~~Branch file, 4208~~
Branch Readigg file, 4212
JJNorton, G-230, GSA Bldg., USGS
extra

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Room 13, Post Office Building
Knoxville, Tennessee

May 15, 1952

Mr. Lawrence G. Houk
Chief, Nonmetallic Minerals Division
Defense Minerals Exploration
Administration
Washington 25, D. C.

Re: DMEA-1955, Winters Prospect
" 2327, May Mine
" 2414, Doublehead Mine

Dear Mr. Houk:

Transmitted under separate cover are samples of mica from the three above named deposits. As soon as they are appraised we would like to know the results. This is especially true in the case of the Doublehead and Winters. On any future examination if there is any doubt in the Field Team's mind, samples of mica will be sent to your office for appraisal.

Yours very truly,

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

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

Room 13, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 16 1952

May 14, 1952

Memorandum

To: Operating Committee, DMEA

From: Field Team, DMEA Region VII

Subject: DMEA-2327, May Mine, (mica) Supplementary Report

Replying to your memorandum to May 9, we enclose a supplementary statement by K. H. Teague, after a conference with the applicant.

The Field Team agrees with Mr. Teague and the Operator in continuing to recommend the original proposal.

Mr. Teague states that the "ruby mica found on the dumps" referred to in the 4th paragraph of your memo of May 9 was not at the May Mine. This statement was in the report on the Reid-Hooker tract (DMEA-2150) which was submitted on the same date (March 27) as the report on the May Mine.

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

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

SUPPLEMENTAL REPORT

Reviewed by
DMEA OPERATING COMMITTEE
5-23-52
(date) (#43)

DMEA-2327 (mica)
MAY MINE
K. H. Teague, 5/15/52

The subject of changing the proposed exploration program on the May Mine has been discussed with A. W. Reid, the applicant. Mr. Reid feels that the delay would be too great in getting the mine in production with a program of shaft sinking and drifting from the shaft.

The purpose of the proposed bulldozing at this mine as suggested in the original Field Team's report had two objectives, (1) To determine whether or not the "North" and "Middle" cuts are in one or two pegmatites, and (2) To determine the best place to drive a drift on the pegmatite mined from "Adit A."

No exposures occur in the intervening area between the "North" and "Middle" workings, and no attempt has been made to determine what occurs between the two openings. It is entirely possible that these two openings are in the same pegmatite, it having been emplaced in an open fold. If the pegmatite continues between these two workings, the most economical approach to mining the deposit is to drive a crosscut from ~~the~~ approximately the 3200-foot contour, eastward to the pegmatite and then follow the pegmatite in both directions. In order to determine this possibility it will be adviseable to conduct the proposed bulldozing, to be followed by adit work.

At the present time "Adit A" is caved and inaccessible. Pegmatite is exposed only in the bank of the logging road above the adit. The trenches, as proposed should trace the pegmatite along the strike and indicate the best location for any drifts on the pegmatite.

Relief at the May mine is considerable, thus drifts and crosscuts appear to be more feasible than shafts. Also, as shown on the map, streams flow through the northern openings causing considerable water problems in open cut or shaft work.

Our ideas on this exploration project are summarized briefly as follows:

The deposit is accessible by truck or jeep only during good weather, thus at best making difficult working conditions. The program of exploration as outlined in the original Field Team's report is admittedly only part of what is needed to bring the mine in production; however, we feel that the proposed bulldozing and test pitting will indicate the most economical method and place to open the mine. After this has been accomplished we believe that the operator will continue the operation without Government aid.

Should an exploration program of crosscuts and drifts or shafts and drifts be conducted at this mine, the cost of such a program would probably amount to approximately four times the amount estimated in the original proposal. Therefore, the Field Team believes that satisfactory results can be obtained by following the original recommendations.

FILE COPY
SURNAME:

SAFeitler
Houk

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

600

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region VII
Room 13, Post Office Building
Knoxville 1, Tennessee

Subject: Docket No. DMEA-2327 - Mica
May Mine
Mason County, North Carolina

Dear Mr. Laurence:

Reference is made to the subject application for exploration assistance and your telephone discussion of the proposed program with Mr. Feitler on May 5, 1952.

Please have the Field Team review the exploration program with the following points in mind and submit a revised plan if they believe it will improve the likelihood of a significant discovery.

The Field Team's report of March 13, 1952, includes a program of bulldozer trenching and digging of test pits. Our study of the reports of L. C. Pray, R. W. Lemke, and K. H. Teague, suggests that the middle and south pegmatite areas might be explored by drifts from shafts sunk in the pegmatite or by adits.

According to the above reports, the hanging wall of the middle pegmatite area produced mica from surface workings and the footwall of the south area was stoped above adit "A". Underground exploration may result in finding mica with fewer weathering defects. Mr. Teague reports, with respect to the quality of the mica, that fragments of ruby mica are found on the dumps.

Because they are so unpredictable, it is usually safer to sink an exploration shaft on these small pegmatites than to drift under them. In most cases if an adit is driven a "safe" distance below the last exposure, only a little minable ground is available above the drift.

Sincerely yours,

cc 5/9

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Approved:

J. H. Hedges

Member, Bureau of Mines

S. M. Lemmon

Member, Geological Survey

SAFeitler:mp 5/8/52
cc: Docket File
Operating Committee (2)
Adm. Reading File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

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

May 8, 1952

Memorandum for the Record:

Subject: Request for reappraisal of exploration program by Field Team.

Docket No. DMEA-2327 - Mica
May Mine
Macon County, North Carolina

Both the Field Team and combined data from the reports of L. C. Pray, May, 1944, and R. W. Lemke, August, 1944, indicate that exploration would be justified.

Surface work and one near surface adit have resulted in production of mica in the past.

The best exploration possibility seems to be in the search for mica underground where weathering defects may be less inasmuch as sufficient surface work has already been done to establish the existence of pegmatite bearing mica of strategic grade.

In a telephone discussion of this Field Team report on May 5, 1952, between Messers Laurence, Beck, Teague, and Feitler, it was agreed that underground work would be more definitive than the surface work previously recommended.

The Field Team is expecting a letter from the Operating Committee requesting a reappraisal of the suggested program.

SAF

S. A. Feitler

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

May 2, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration

From: W. F. Dietrich, Chief
Ceramic and Fertilizer Materials Branch

Subject: DMEA-2327

I concur in the field team recommendation in favor of an exploration project on this property in the amount of about $2,500.

W. F. Dietrich

W. F. Dietrich

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAY 5 1952

IN REPLY REFER TO:

G-MD-JJN

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

April 8, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2327 (Mica).

To: Non-Metallic Minerals Division, DMEA.
From: J. J. Norton, U. S. Geological Survey.
Applicant: A. W. Reid.
Name of property: May mine.
Location of property: 14 miles northeast of Franklin, North Carolina.
Field team's recommendation:

1. 125-feet bulldozer trench between "North" and "Middle" openings.
2. Short bulldozer cuts along extensions of pegmatite at Adit A.
3. Test pits.

Comments: None.

ACTION SUGGESTED:
Follow field team's recommendation.

J. J. Norton

J. J. Norton

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
[illegible]
APR 10 1952

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

Room 13, Post Office Building
Knoxville 02, Tennessee

March 27, 1952

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 31 1952

To: Frank E. Johnson, Chairman, Operating Committee

From: DMEA Field Team, Region VII

Subject: DMEA-2150 Reid-Hooker Prospect (mica)
DMEA-2327 May Mine (mica)

Transmitted herewith are 4 copies of field examination reports for each of the subject applications. The Field Team agrees with the recommendations for exploration.

Please note that, in the estimated costs, a figure of $6 per day has been indicated for jeep rental. We feel that this is a fair figure for use of the jeep under the conditions of this job. However, it should be pointed out that the jeep to be used belongs to A. W. Reid, who is a partner in the Reid-Hooker property and sole owner of the May mine. We are not certain whether a jeep can be rented to a partnership by one of the partners. If it should be charged as depreciation rental, an additional $30 for fuel, oil, and repairs for each project, should be added to the estimated costs.

Robert A. Laurence

Robert A. Laurence
Executive Officer, DMEA, Region VII

Wm A Beck

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2327, MAY MINE
Macon County, North Carolina
(mica)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Library
MAR 31 1952

By

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

March 13, 1952

Reviewed by
DMEA OPERATING COMMITTEE
4-9-52
(HB) (date)

Report of Field Examination
on the MAY MINE, (mica)

DMEA-2327

Macon County, N. C.

The May Mine is located on the headwaters of Mica City Creek about 14 miles northeast of Franklin.

The attached Geological Survey report and map show the character of the openings during late 1944. Since the Survey study, little change has been made in the size of the openings. In the "middle workings," the operator of the mine in 1944 deepened the stope on the hanging wall of the pegmatite about 10 feet along the entire stope length. Otherwise the openings are the same as shown on the attached map.

The applicant, Mr. Reid, desires to explore the possible southward extension of the pegmatite mined in the "north" opening and the northwesternward extension of the "Middle" pegmatite. He proposes to cut a trench about 125 feet long in an east-west direction between the "North" and "Middle" opening. The Field Team recommends that this trench be cut. It is estimated that 30 hours of bulldozer time will be required to cut the trench.

It is proposed to explore the possible extension of the pegmatite, worked from "Adit A", along the strike by a series of short bulldozer cuts. It is estimated that 70 hours of bulldozer time will be required.

In addition to the bulldozer work a few shallow test pits should be sunk in the pegmatite where exposed by the cuts to suppliment the bulldozer work.

Estimated Costs of the Project are as follows:

Fixtures and Improvements

None

Operating Equipment

To be rented:

1 Bulldozer*, 100 hrs/ @ $10/hr	$1000.00	
1 Jeep*, 20 days @ $6/day	120.00	55

To be purchased:

Hand tools and miscellaneous	225.00	175

Furnished by Operator

None

Labor and Supervision

3 Laborers @ ~~$1.25~~ 1.00/hr. for 20 shifts	600.00	480	120
1 Working foreman @ $1.50/hr. 20 shifts	240.00	240	
Insurance, social security, etc.	300.00	80	220
			570

Rehabilitation and Repairs

None

Estimated cost	$2,485.00

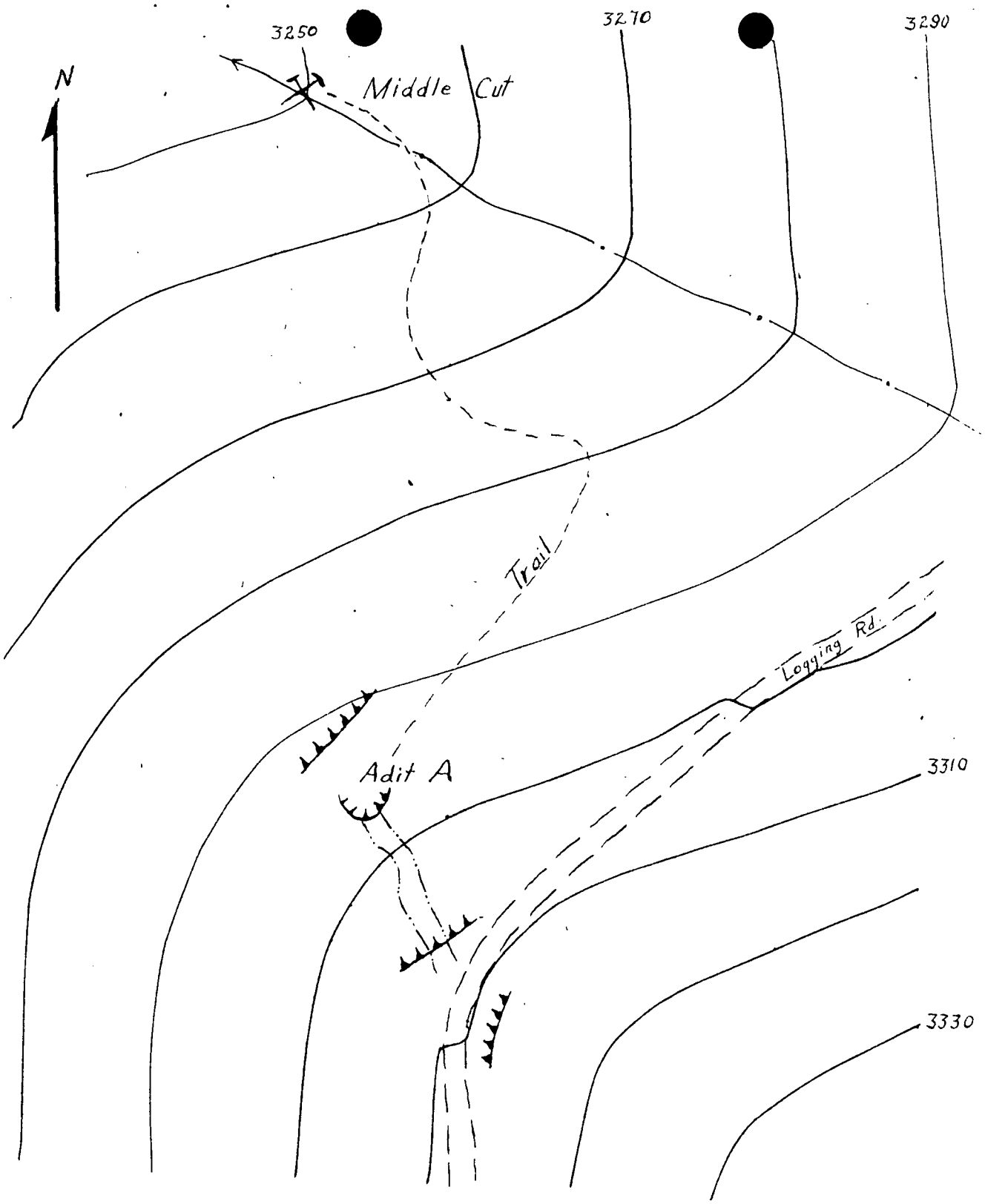
* Cost includes operator, fuel, oil, and repairs.

570
1915

March 13, 1952

K. H. Teague, Geologist.

LARGE FORMAT DOCUMENTS AT END OF FILE



DMEA-2327

Scale 1" = 60'

Proposed Prospecting
at "Adit A"

MAY MICA MINE

Macon Co. N.C.

Proposed Open Cut

(Copied from the
files of U. S.
Geological Survey)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 31 1952

MAY MICA MINE
MACON COUNTY, NORTH CAROLINA

May 1944

Lloyd C. Pray

Location and access

The May mica mine lies near the headwaters of Mica City Creek at an altitude of about 3300 feet. It is 8.4 miles N. 22° E. of the town square of Franklin, North Carolina. The Mine may be reached from Franklin as follows:

(Lengthy directions omitted)

Survey investigations

The area was briefly examined by J. C. Olson in 1942. On May 8, 1944, the surface control for a map with a scale 20 feet to an inch was established by E. Wm. Heinrich and the writer. This surface map was completed and a 70-foot adit was mapped by the writer on May 9.

Ownership

The property is owned jointly by A. W. Reid, John Dalton, and Weaver Gibson, all of Macon County, North Carolina. Mr. Reid owns a one-half interest, and each of the other two men hold a one-quarter interest. Mr. Reid isthe present operator. (1952 - Reid isnow the complete owner)

History and workings

The only mining prior to the current activity, which began in April 1944, was during the period of World War I. At least some of this early work was carried on by Mr. Reid. Although most of the early workings are now filled in, it is probable that less than 1000 tons of rock has been mined on the property to date.

The three sets of workings lie on a north-south line about 500 feet long. They explore more than one pegmatite. At the northern end of the line is an old open cut, at the bottom of which is a smaller, recently excavated cut. The principal workings are about 150 feet to the south, where most of the surface debris has been stripped from a pegmatite for a width of about 20 feet and for a distance of 65 feet along a small stream bottom. An old pit is reported to have been opened in this pegmatite in the area just below that now exposed, but

it is now obliterated. About 300 feet south of the middle workings and 100 feet higher, an old adit explores a pegmatite for a distance that probably does not exceed 90 feet. It is accessible for a distance of 70 feet. The foot-wall of the pegmatite has been stoped to a height of about 20 feet above the level of this adit near its southeastern end.

The pegmatite and gneiss in the adit are sufficiently decomposed to be mined by pick and shovel methods, but drilling and blasting is necessary in the other two areas to the north.

Geology

Outcrops in the area are generally limited to stream bottoms, but at least two, and probably three pegmatites have been exposed in the three sets of workings. All appear to cut across the foliation of the enclosing gneiss and to have moderate to steep dips to the southwest. The country rock is a fine-to-medium-grained biotite gneiss that is locally garnetiferous. Sporadic lenses of quartz as much as 6 inches thick occur in this rock. The foliation of the gneiss is fairly regular in attitude in any one outcrop, but is so inconstant from one outcrop to another that no general attitude can be given.

Pegmatites and mica

The following three types of pegmatite were distinguished in mapping: (1) medium-grained (1 to 12 inche crystals predominating) feldspar-quartz pegmatite, (2) fine-grained (crystals average less than 1 inch) quartz-feldspar-muscovite pegmatite, and (3) massive quartz. The feldspar-quartz pegmatite locally contains sufficient muscovite to be mined for sheet or scrap mica. The fine-grained muscovite is generally greenish in color and too small to yield commercial sheet mica. The quartz in this rock type is generally granular, and constitutes more than half of the rock.

Northern workings.--The new pit exposes 5 feet of mica-bearing pegmatite adjacent to an irregular footwall contact that strikes north-northwest and dips moderately to steeply southwest (see section A-A'). This medium-grained pegmatite is composed of white plagioclase, quartz, muscovite, biotite, apatite and sericite in that order of relative abundance. No microcline was identified. The pegmatite exposed by the old cut 15 feet to the north contains much less muscovite. The pegmatite exposed in the stream bottom to the southeast is the fine-grained quartz-feldspar-muscovite type.

Muscovite books as much as 13 x 8 x 1/2 inches in size are exposed in the new smaller cut, but the average size of recovered books is about 2 x 3 x 1 inches. The mica is light ruby to rum in color. Most of the books have a slight roll or warp. Ruling and cracking is a defect of

about half the books, but black and brown mineral inclusions occur in relatively few books. This is the best mica observed on the property, and it seems likely that the quality of sheet mica trimmed from it would be as high as that of the average mica of the Franklin-Sylva district.

Middle workings.-- The hanging wall of a pegmatite is exposed along the southern edge of the middle workings. It strikes N. 75° W. and dips about 75° to the south. The pegmatite contains a barren mass of granular quartz flanked on the north by a zone of indetermined thickness that is composed of fine-grained quartz-feldspar-muscovite pegmatite, and flanked on the south by a four-foot zone of medium-grained feldspar-quartz pegmatite. At the eastern end of the exposed area the quartz mass is absent, and the medium-grained feldspar-quartz pegmatite merges into the fine-grained quartz-feldspar-muscovite pegmatite. The feldspar-quartz zone is more coarsely crystalline where it lies adjacent to the quartz mass than where the quartz mass is absent. Microcline, gray to pink in color, is nearly absent from the more coarsely crystalline phases of the rock, but toward the eastern end of the area it is as common as plagioclase. Some masses of light green sericite occur with the microcline. In the more coarsely crystalline part of the pegmatite, most of the muscovite is concentrated in large books that locally constitute as much as five percent of the rock.

The limited exposures up the stream from the stripped area indicate that the pegmatite does not continue far in that direction. The pegmatite along the northern limit of exposure contains a few gneissic inclusions, which possibly indicate proximity of the footwall contact. If this is true, it is unlikely that the northern and middle workings explore different parts of the same pegmatite body. The variation in strike of the pegmatite in the two localities also supports this view.

The large books of mica, some 10 inches across and three inches thick, that occur in the hanging-wall zone adjacent to the quartz mass are pale rum to greenish-rum in color. Some ruling and reeves are present. The principal defect of this mica is the black mineral inclusions that are present in almost all the books; few clear pieces larger than punch size can be trimmed out. Toward the east the greenish-colored mica is most common, and although the books are much less spotted, they are also much smaller.

Southern workings (adit A).-- Adit A follows a pegmatite, distinct from any exposed to the north, that strikes N. 30° W. and dips about 60° to the southwest. This pegmatite body is 3 to 4 feet thick at the adit portal, and gradually thickens toward the southeast. The rock consists of a medium-grained intergrowth of feldspar andquartz, and is much decomposed. Some perthite was identified. About 35 feet from the portal a central body of quartz is present; it thickens rapidly

toward the southeast, attaining a width of 5 feet at the heading. More muscovite is present in the pegmatite adjacent to the central quartz mass than elsewhere. Although both the footwall and the hanging wall were stoped adjacent to the wide quartz mass near the heading, the former appears to have been more extensively worked, and therefore was probably richer in mica.

The mica in this pegmatite is rum to ruby in color, and books as much as 6 inches in diameter were observed. Almost all of the mica is soft, as well as severely ruled and warped. If the present exposures are representative, it seems very doubtful that any significant quantity of strategic mica could be obtained from this pegmatite.

Outlook

At the present stage of the operation, this property must be considered as a prospect, rather than as a mine. No mica has been sold, and the work to date was done to determine the most favorable occurrence of sheet mica.

The mica zone along the hanging wall and adjacent to the quartz mass appears to offer the best possibility for obtaining sheet mica from the pegmatite exposed in the middle workings. This should be prospected to a depth of 10 feet or more to permit satisfactory determination of the quality and quantity of the mica. A significant rise in the quality would probably make this a profitable zone to mine.

Operations in Adit A would necessitate timbering and mucking to reach the old headings. It is doubtful whether much expenditure of time or money for further prospecting of this pegmatite is warranted. However, the thickening of the pegmatite and the presence of a thick central core of quartz toward the southeast are features that would encourage such prospecting.

It is recommended that the mica zones exposed in the northern and middle workings be further prospected.

MAY MICA MINE
MACON COUNTY, NORTH CAROLINA
Supplementary Report

COPY
(From the files of the U. S. Geological Survey)

October 1944

Richard W. Lemke

The May mica mine was revisited on September 2 by E. Wm. Heinrich and the writer. The mine was mapped by E. Wm. Heinrich and L. C. Pray on May 8 and 9, 1944, and Pray's report 1/ summarizes

---

1/ Pray, Lloyd C., May mica mine, Macon County, North Carolina: manuscript report in the files of the U. S. Geological Survey, May 20, 1944.

---

the early history and workings of the mine.

Mining of the northernmost pegmatite body was discontinued in early August. The workings in this part of the deposit consist of a cut 30 feet long, 25 feet wide, and 18 feet deep. The cut exposes a pegmatite body 6 feet thick which strikes north-northwest and dips moderately to the southwest. The foot wall contact is very irregular due to the projection of numerous septa of gneiss into the pegmatite. These septa pinch out about 8 feet above the floor level of the cut. The pegmatite consists chiefly of a medium-grained intergrowth of feldspar (probably plagioclase) and quartz. Books of mica, as much as 6 x 8 inches, are moderately abundant in a persistent central shoot. Smaller concentrations occur along the northeast footwall contact. The books are badly fractured and warped. Because of these defective qualitites in the mica, no further work on this part of the deposit appears to be warranted.

Operations have been continued in the middle workings, which appear to be on a second body of pegmatite. The hanging-wall border zone of the pegmatite is being mined by underhand stoping from an open cut 100 feet long, 8 feet wide, and 25 feet deep.

The pegmatite strikes northwest and dips, in general, 55° SW. It is characterized by a distinct zonal distribution of minerals. The core near the center of the cut consists of massive quartz, but to the southeast some blocky microcline appears. This core is flanked by a zone of medium-grained feldspar (probably plagioclase) and interstitial quartz. Rich concentrations of mica occur in pipe-like bodies in rolls along the hanging wall contact. The shape of these rolls gives the hanging-wall contact a scallop-like appearance.

These "barrels," which average 4 feet in diameter and plunge 25° N 45 W., contain books of mica averaging 4 x 5 x 2 inches.

The mica is deep amber in color, flat, and relatively hard. Fractures are probably the worst defect. Less deleterious qualities are reeves, warping, and flattened inclusions of pyrite.

Ten feet beyond the southeast end of the cut the pegmatite apparently ends, but the gneiss that crops out here may represent a deep "scallop" in the hanging-wall contact.

The footwall contact, exposed at the east end of the cut, strikes N. 48° W. and dips 65° NE. The mica along this contact, although it occurs in clusters of books as much as 3 x 2 x 1 feet, is severely fractured and appears to be of no value except as scrap.

The outlook for continued production of mica appears promising. Mining should be continued in the rolls along the hanging-wall. If the concentration of mica now exposed in the workings persists to depth, a moderate to large reserve is indicated. The operator has started benching from the north-west end of the cut so that a tramway can be installed. This will facilitate the removal of muck and should result in increased production from the mine.

FILE COPY
SURNAME:

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

FEB 1 9 1952

SAFeitler
Houk

Mr. Robert A. Laurence
Executive Officer, DMEA
Region VII
Room 13, Post Office Building
Knoxville 1, Tennessee

Subject: Docket DMEA-2327 - Mica
May Mine, Mica City Creek
Macon County, North Carolina

Dear Mr. Laurence:

A copy of the above docket is enclosed for your use. Also enclosed are the following:

1. Copy of letter from A. W. Reid (1/31/52) with additional information.

2. Copy of a memorandum from D. H. Kupfer (2/8/52).

3. Copy of a memorandum from W. F. Dietrich (1/18/52).

4. The only copy of a map from A. W. Reid. Please note contents, and return this map.

Please arrange to have the Field Team examine this property to determine the need for exploration and to work out a suitable program with the applicant, if warranted.

Sincerely yours,

(signed) FRANK E. JOHNSON
(Lt) E.L.

Chairman, Operating Committee
Defense Minerals Exploration
Administration

SAFeitler:gad
2/18/52
Copy to: Admin. Reading File
Mr. Dietrich, 3526
Mr. Norton, G-228, GSA Bldg.
Docket File
Mr. Houk

Approved:

C H Johnson (Lt)
For Bureau of Mines

J P Thayer (Lt)
For Geological Survey

Enclosures 5

FILE COPY
SURNAME:

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

S Feitler
Irwin
Johnson
Boyer
H Johnson

FEB 1 9 1952

Mr. A. W. Reid
P. O. Box 489
Franklin, North Carolina

Subject: Docket No. DMEA 2327 - Mica
May Mine, Mica City Creek
Macon County, North Carolina

Dear Mr. Reid:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Knoxville, Tennessee, for further information.

Sincerely yours,

C. O. Mittendorf (for) E.L. 2/19/52

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:gad
2/18/52

COpy to: Admin. Reading File
Mr. Norton, G-228, GSA Bldg.
Mr. Dietrich, 3526
Docket File
Mr. Houk

IN REPLY REFER TO:

G-MD-DHK

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

February 8, 1952

Memorandum

REVIEW OF APPLICATION DMEA-2327

To: Non-Metallic Minerals Division, DMEA.
From: Donald H. Kupfer, U. S. Geological Survey.
Commodity: Mica.
Applicant: A. W. Reid.
Name of Property: May Mine.
Location of Property: Mica City Creek, north of Franklin, Macon County, North Carolina.
Applicant's requests: 90% of $6,380.
Summary of applicant's proposal: Bulldoze a trench to expose pegmatite and sink test pits. The operation is planned south of Adit "A".
Sources of information on applicant's property: Unpublished U. S. Geological Survey reports by L. C. Pray (May, 1944) and L. W. Lemke (Oct. 1944) and open filed map (Sept., 1944).
Brief description of deposit: Three pegmatite dikes exposed by three sets of workings. The north workings were mostly scrap mica. The middle workings exposed good mica in October 1944. The south workings (Adit A) are caved and, "if present exposures are representative, it seems very doubtful that any significant quantity of strategic mica could be obtained from this pegmatite." (Pray, 1944).
Additional information needed from field team: (1) What work has been done since Lemke's report of October 1944? At that time he stated that the northern workings had been adequately explored and the mica found to be of scrap quality. The mica in the footwall zone of the middle pegmatite is also of scrap quality. The hanging wall zone, above the quartz core, contained rich concentrations of mica in pipe-like bodies in rolls along the hanging-wall contact. The shape of these rolls gives the hanging-wall contact a scalloped appearance. The mica shoots are about 4 feet in average diameter, plunge 25° N. 45° W., and contain books of mica averaging about 4 by 5 by 2 inches.

The mica is deep amber in color, flat, and relatively hard. Much of it is badly fractured, and other, less abundant defects include reeves, warping, and flattened inclusions of pyrite.

(2) If good mica is still exposed in the middle workings, is further exploration justified? Cannot mining be started in those workings at any time that a profitable price is placed on mica? (3) If the field team determines that exploration is necessary, they should determine the best locality for exploration and the best method. The applicant's proposed exploration is apparently based on the erroneous assumption that the three workings are all along one pegmatite and therefore the logical place to look for more mica is on the same trend. This is not necessarily the case.

RECOMMENDATION: Field team examination.

Reasons for recommendation: As of September 1944, the last date for which we have specific information, good quality mica was exposed in the middle workings in apparently minable quantities.

N J Norton
for Donald H. Kupfer

Portlen

FRANKLIN DEVELOPERS, INC.

Operating:
Pitt Mica Corporation
Porter Mica Corporation

MICA MINING & SALES
Pattern, Sheet, Punch and Processed Scrap

P. O. Box 489
FRANKLIN, NORTH CAROLINA

January 31, 1952

Mr. Lawrence G. Houk, Acting Chief
Non-Metallic Minerals Division
Defense Minerals Exp. Administration
Washington 25, D. C.

Re: DMEA-2327
May Mine

Dear Mr. Houk:

In answer to your letter of the 29th, I am enclosing herewith a copy of the U.S. Geological Survey map of the May Mine; together with sketching, attached, of proposed work.

Answer to additional questions contained in your letter are:

1. TD-14 dozer will be used; blade - 11' 8".
2. Price includes operator, operating supplies and repairs.
3. Rate is for actual hours of operation.
4. Jeep rental includes fuel, maintenance and repairs.
5. Working Foreman will oversee entire work; workmen will be placed wherever needed as job proceeds. They will work 8 hours per day - carrying away timber and other debris from dozer, sinking test pits, etc.

I believe you now have all the information which it is possible to provide for exploratory work, without taking you over the ground to explain each item in detail. The pegmatite locations have been proven by past work and intended exploration will be conducted on extensions of those pegmatites. I trust you can now approve my application.

Sincerely yours,

A. W. Reid

A. W. REID

FTS:em

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 4 1952

FILE COPY
SURNAME:

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

JAN 29 1952

Steitler
Mitt

Mr. A. W. Reid
P. O. Box 489
Franklin, North Carolina

Subject: DMEA-2327 - Mica
May Mine
Macon County, North Carolina

Dear Mr. Reid:

Your application has been reviewed by the Staff of the Defense Minerals Exploration Administration. We are unable properly to evaluate your property because you have not answered certain questions on Form MF-103 and certain answers are not clear.

In question two you mention $28,000 worth of strategic ruby mica produced and sold to the Colonial Mica Co. Was this produced from the May Mine? Under what name was it sold? The workings should be enumerated and described. The United States Geological Survey prepared a map of your property. If you do not have a copy you may obtain one from them. You could submit a copy of this map to make your written description clearer.

On this same map you should show the work you propose to do (Question 3). We must know with reasonable limits, exactly what you propose to do and where you propose to do it. Show where you will put the dozer trenches and give the size and depth of the test pits, shafts, and tunnels you propose to excavate. We assume that the location of this latter work will depend on the results of the trenching.

For questions 6-9, inclusive, certain additional information is needed.

1. What size dozer will be used?
2. Does the price include operator, operating supplies, and repairs?
3. Is this rate paid for hours of actual operation?
4. Does jeep rental include fuel, maintenance, and repairs?
5. Supply a breakdown of how the six workmen are to be used. Tell how many man shifts for each unit of exploration outlined in your new answer to question 3.

pd

Your interest in the Defense Minerals Program is appreciated, and we hope you will supply all of the additional information soon so the application can be processed without delay.

Sincerely yours,

Lawrence G. Houk, Acting Chief
Non-Metallic Minerals Division
Defense Minerals Exploration
Administration

SAFeitler:gad

1/25/52

Copy to: Admin. Reading File
Docket File
Mr. Houk
Mr. J. J. Norton, G-228 GSA Bldg.
Mr. Dietrich, 3626

1-29
J.D.

January 21, 1952

Non-metallic Minerals Division

Donald H. Kupfer,

A. W. Reid's
2327 May

14 mi. NE of Franklin and adjacent to the Mary Mine
(DMA-11A0X), Macon County, North Carolina.

*

(see attached)

(sgd.) Donald H. Kupfer

Jahns

* -- However, we have complete maps of the property in our files.

This mine was examined by L. C. Pray and E. W. Heinrich of the U. S. Geological Survey and the map was open-filled September 1944. Additional exploratory work on the property was done during 1944-45 and the property was re-examined by R. W. Lemke of the U. S. Geological Survey. Despite this continued exploration, the Colonial Mica Corporation records do not show that any sheet or punch mica was produced.

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

January 18, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: W. F. Dietrich, Chief
Ceramic & Fertilizer Materials Branch

Subject: DMEA - 2327, Mica: May Mine, A. W. Reid.

Applicant's property is located in one of the better mica areas in the Franklin District. Strategic mica was produced during World War II from a number of closely adjacent properties including the May mine. Applicant (Item 2-b) claims to have "explored" (prospected) the May mine "completely". If so, his faith in the property should be given weight.

It is suggested that applicant's cost estimate should be revised to eliminate the working foreman, transfering this function to the engineer-superintendent and placing the latter on a full-time basis, or else leave the foreman as is and reduce the engineer-superintendent's working time to 15 or 20 days.

Subject to a downward revision of the cost estimate, a field team referral seems desirable.

W. F. Dietrich

W. F. DIETRICH

DMEA-2327

NATIONAL MINERS' ASSOCIATION

HIGHLANDS RD. AT MAIN ST.

FRANKLIN, NORTH CAROLINA

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

JAN 15 1 1 AM PM '52

A CONFEDERATION OF AMERICAN MINERAL MINERS

ANDREW W. REID
CHAIRMAN
BOARD OF DIRECTORS

ROY H. FOUTS
SECRETARY

HARRY PATTON
TREASURER

FRANK SIERSMA
CHAIRMAN LOCAL
MINING COMMITTEE

JUDGE C. M. TRAMMELL
CONSULTANT
717 BARR BUILDING
WASHINGTON 6, D. C.

January 8, 1952

Rec. 1/15/52

Mr. Robert E. Adams
Acting Adm. Officer
Defense Minerals Adm.
Washington 25, D. C.

Dear Mr. Adams:

In your letter of December 11, you stated that you have no record of application (MF-103) by A. W. Reid, covering the May Mine. Enclosed is a copy.

I notice in Mr. Reid's file a notation - M.S. 2742. Could this be your number assigned to the May Mine?

Trusting this application will receive your usual prompt attention, I am

Sincerely yours,

Frank Siersma

Frank Siersma

FTS:em

EXPLORATION

Subject: DMEA-2327
Re: EXPLORATION LOAN
May Mine

Mr. A. W. Reid
P. O. Box 489
Franklin, North Carolina

My dear Mr. Reid:

This will acknowledge receipt of your application dated January 8, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2327 and referred to the Non-Metallics Division.

Kindly refer to DMEA-2327 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

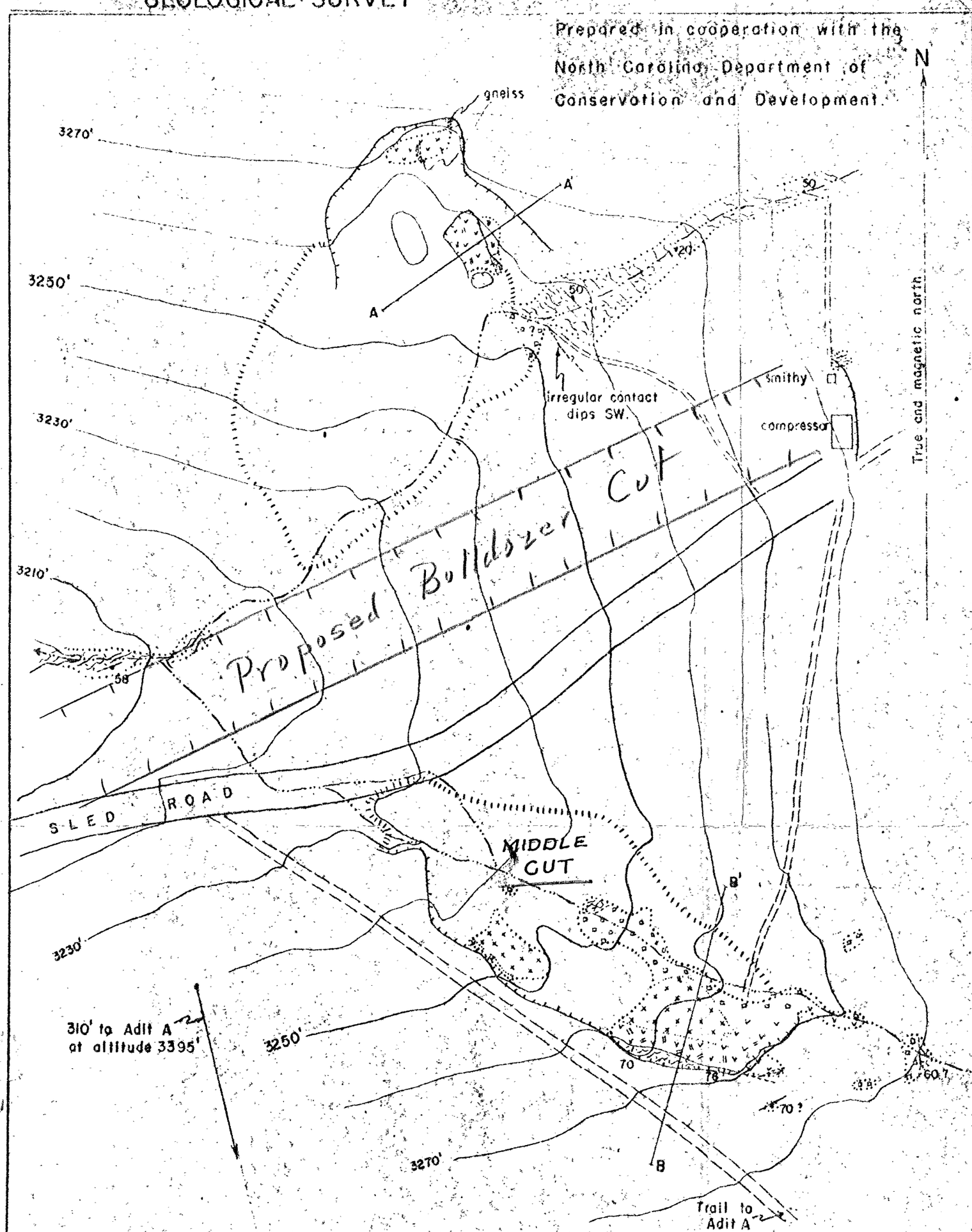
Robert E. Adams
Acting Administrative Officer

7862

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAPS

Prepared in cooperation with the North Carolina Department of Conservation and Development.



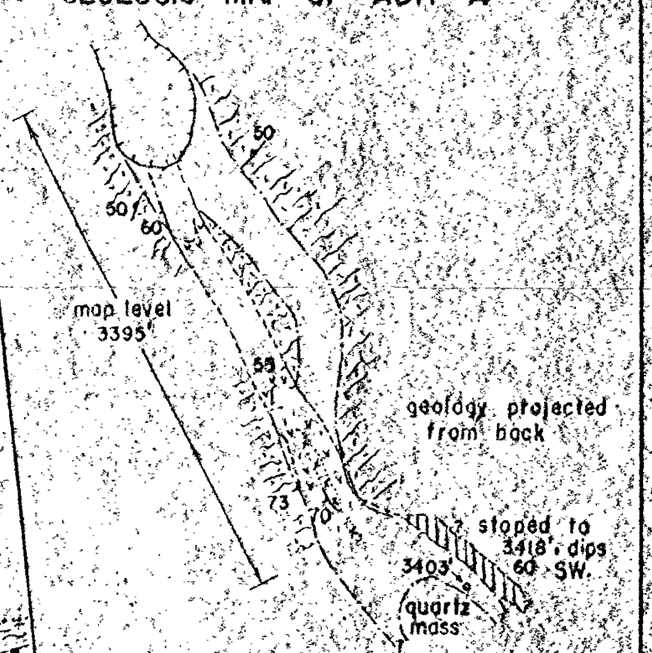
EXPLANATION

- Feldspar-quartz pegmatite (medium-grained)
- Quartz-feldspar-muscovite pegmatite (fine-grained)
- Massive quartz
- Concentration of sheet mica
- Concentration of scrap mica
- Biotite gneiss
- 50 Attitude of foliation
- 76 Observed contact
- Approximate contact
- Pegmatite zone boundary
- Outline of underground workings
- Limit of exposure
- Rim of excavation
- Trail
- Dump area

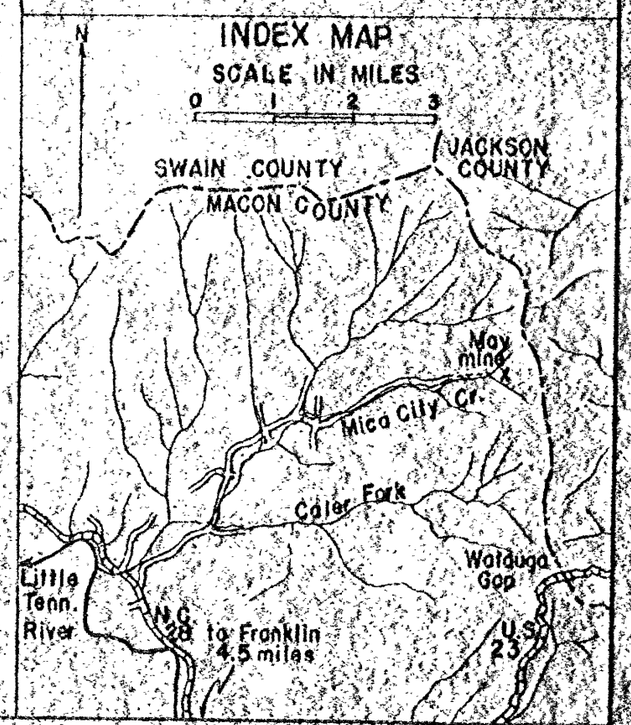
Plane table survey
Datum from T.V.A.-U.S.G.S. Greens Creek Quadrangle

Geology and topography by
Lloyd C. Pray
E. Wm. Heinrich
May 8 and 9, 1944 L.C.P.

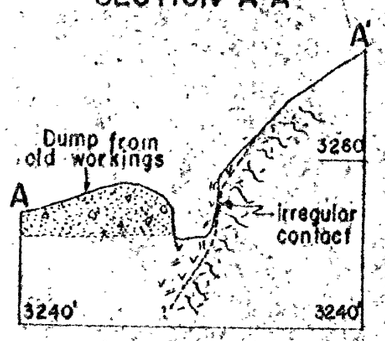
GEOLOGIC MAP OF ADIT A



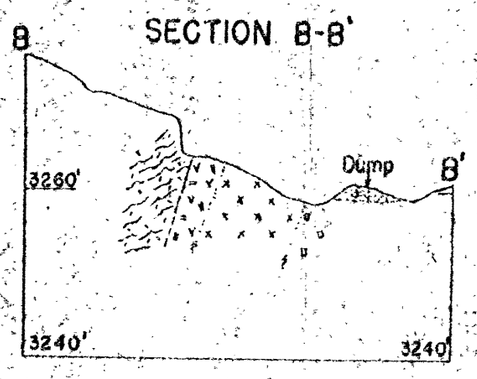
INDEX MAP



SECTION A-A'



SECTION B-B'



MAY MICA MINE, MACON COUNTY, NORTH CAROLINA

SCALE IN FEET
20 10 0 20 40 60 80 100

CONTOUR INTERVAL - 10'

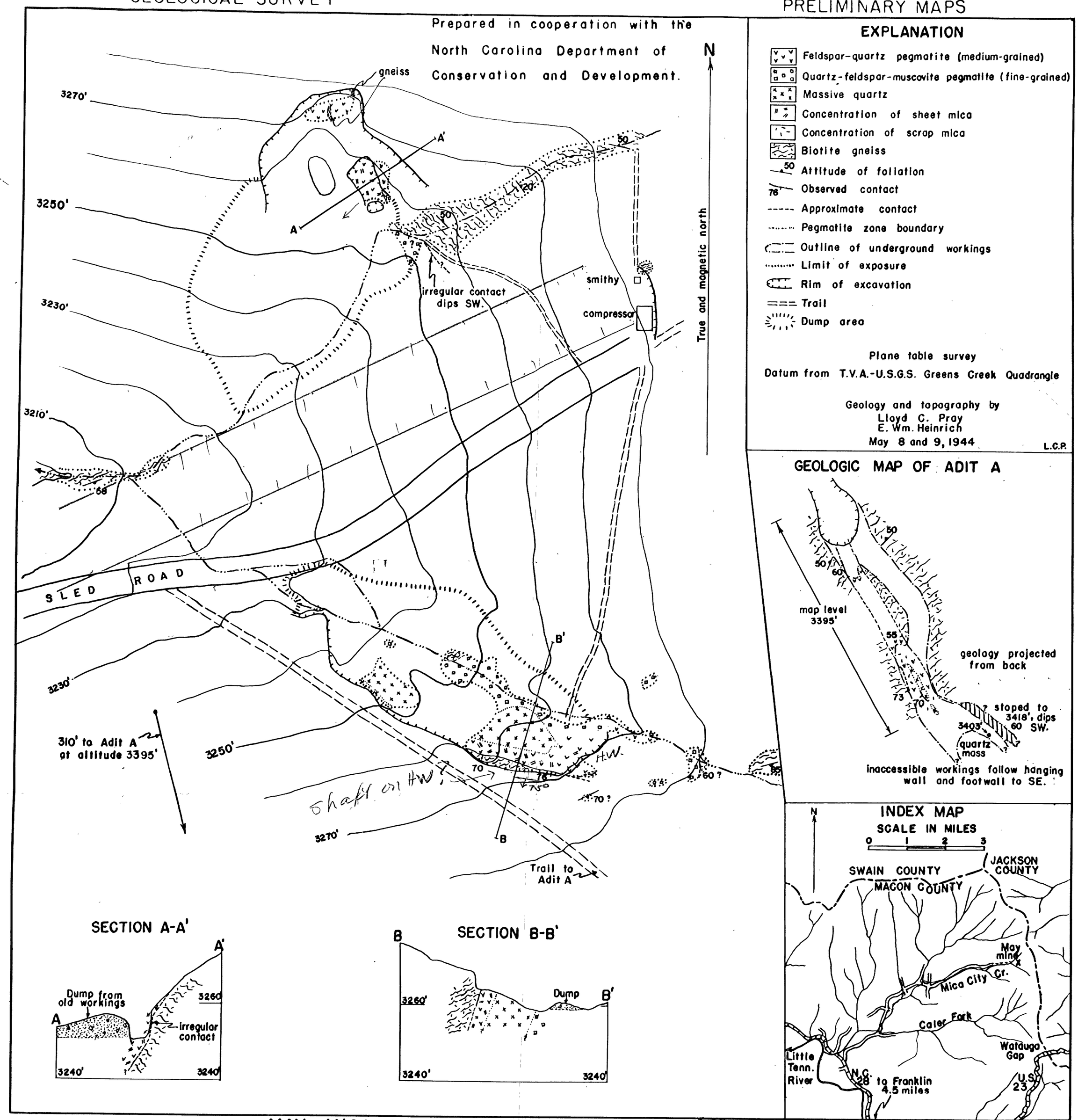
Figure 1

DMEA 2327

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAPS

Prepared in cooperation with the North Carolina Department of Conservation and Development.



MAY MICA MINE, MACON COUNTY, NORTH CAROLINA

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DMEA 2327

UNITED STATES DEPARTMENT OF THE INTERIOR
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N

True and magnetic north

gneiss

3270'

3250'

3230'

3210'

A'

A

50

20

50

smithy

irregular contact dips SW.

compressor

Proposed Bulldozer Cut

68

SLED ROAD

3230'

B'

310' to Adit A at altitude 3395'

3250'

70

70 ?

60 ?

3270'

B

Trail to Adit A

EXPLANATION

- Feldspar-quartz pegmatite (medium-grained)
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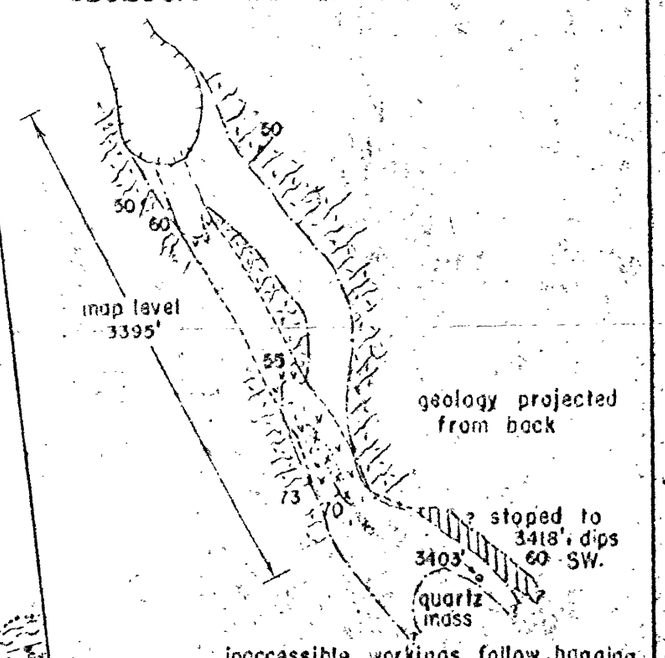
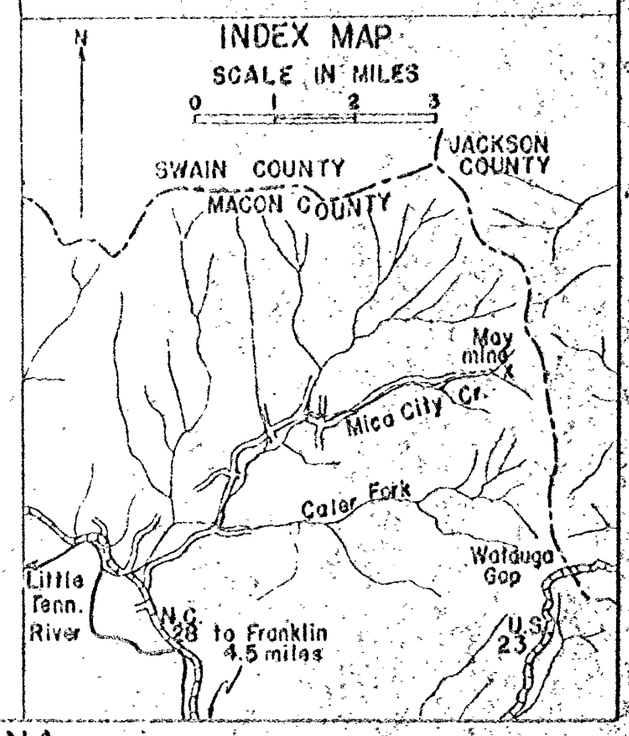
GEOLOGIC MAP OF ADIT A



INDEX MAP



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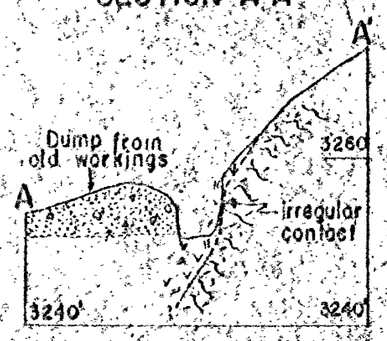
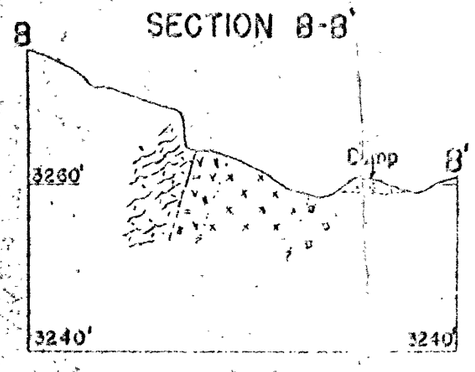


SECTION B-B'



MAY MICA MINE, MACON COUNTY, NORTH CAROLINA

SCALE IN FEET

20 10 0 20 40 60 80 100

CONTOUR INTERVAL - 10'

DMEA-2227