DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE — Idm-E NO. 712 — DMEA NO. 3410

Application
- [ ] Denied
- [ ] Withdrawn

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

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

Folder No. 1:

Left Side

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

Right Side

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

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

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

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

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

Folders No. _____ : Settlement Sheets

Folders No. _____ : Drill Logs

Folders No. _____ : Royalty material

17963

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Contract Idm-R712, Docket DMMA-3410 (mica), dated September 21, 1954, with

Sam Phillips, John Phillips, and Howard Boone
d/b/a Rock Mining Company
Box 35
Spruce Pine, North Carolina

for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the Rock Mine located in Yancey County, North Carolina, during the period April 18, 1959, through October 4, 1962.

A certification of discovery or development was issued on June 27, 1955, and, in accordance with Article 7 of the contract, royalty is payable on all minerals produced from the land described in Article 2 of the contract for a period of 10 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review dated May 16, 1955, indicated accepted costs under the exploration contract amounting to $3,818.00 with the Government's contribution on a 75 percent basis being $2,863.50.

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

This review established no sales subject to the Government's royalty subsequent to the period covered by a prior Report of Royalty Review which found the sales subject to the Government's royalty through April 17, 1959, to be $8,692.69. The royalty account as of April 17, 1959, was:

Total Royalty Payable	$434.68
Total Royalty Paid	434.68
Balance of Royalty Due	$ -0-

As of October 4, 1962, the royalty account of this project was found to be:

Total Royalty Payable	$434.68
Total Royalty Paid	434.68
Balance of Royalty Due	$ -0-

October 17, 1962

E. D. Talbert

E. D. Talbert, OME Auditor

Kdm-8712 Rock Mining Company IMGA-3410

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

This contract provides that the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a percentage royalty on all minerals produced from the land thereunder. The land under the contract consists of a 500 foot square located in the Blue Rock Branch Valley, ESE of Micaville and .4 mile west of Butter Gap. At the time the contract was executed the Operator was in possession by virtue of a 5-year lease granted by Nancy C. Spoon of Greensboro, North Carolina, on June 30, 1954. In consideration of the contract the lessor executed an Owner's Consent to Lien on August 13, 1954.

Exploration work under the contract was completed on February 28, 1955. Production during the exploration work and shortly thereafter resulted in aggregate sales of 483.45 lbs of trimmed, 9,812 lbs. of hand cobbed, 20,525 lbs. of scrap, and 4,373 lbs. of punch mica. These sales, which are covered by a Report of Royalty Review dated February 1, 1956, were made variously in the name of the Operator, the individual partners, Blue Rock Mining Co., J. R. Beam, and Gird Riddin. Operations on the property were discontinued in June 1955.

During the summer of 1956 the Blue Rock Mining Co., Box 875, Spruce Pine, North Carolina, operated the property for a short period and sold 14.19 lbs of block mica and a small quantity of scrap. These sales are included in a Report of Royalty Review dated April 22, 1959.

Examinations of the property, inquiries, and checks of the records of the G.S.A. Mica Purchase Depot, Spruce Pine, North Carolina, found no further production or sales through June 15, 1960. An examination of the Depot's records during June 1962 by a representative of this Division disclosed no unreported production. In an October 4, 1962, reply to a MMX Form 63 inquiry, one of the partners (Sam L. Phillips) indicated that neither production nor change in property status had occurred since June 15, 1960.

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

(1) The files indicate that all sales of production have been reported and proper royalty thereon paid; and
(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Division of Nonmetallic Minerals, Office of Minerals Exploration, Washington, D. C., pertaining to Contract No. Idm-E712, Docket No. DMEA-3410 (Mica), dated September 21, 1954, with

Sam L. Phillips, John Phillips and Howard Boone
d/b/a Rock Mining Company
Spruce Pine, 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 Rock Mica Mine located in Yancey County, North Carolina, during the period January 27, 1956, 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 $169.75. Royalty due the U. S. Government at the contract rate of 5 percent is $8.49. A prior report of royalty review for the period September 21, 1954, to January 26, 1956, stated the sales of mica to be $8,522.94 and the royalty at the contract rate of 5 percent to be $426.19. The auditor stated the royalty account as follows:

Total Royalty Due	$426.19
Total Royalty Paid	426.19
Balance of Royalty Due	$ -0-

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

Total Royalty Due	$434.68
Total Royalty Paid	434.68
Balance of Royalty Due	$ -0-

C. E. Fisher, OME Auditor

April 22, 1959

ROCK MINING COMPANY

Contract No. Idm-E712 Docket No. DMEA-3410

STATUS OF PROJECT, DESCRIPTION
OF REVIEW AND REASONS THEREFOR

A certification of discovery or development was issued on June 27, 1955, and, in accordance with Article 7 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 May 16, 1955, indicated accepted costs under the exploration contract amounting to $3,813.00 with the Government's contribution, on a 75 percent basis, being $2,863.50.

My review consisted of a recomputation of the settlement data furnished by the Executive Officer, OME Field Team, Region V, pertaining to royalty received subsequent to January 26, 1956, and reconciliation of such receipt with copy of deposit slip furnished by the regional finance office. The only receipt of royalty included in this report related to a sale of block mica to the Mica Purchase Depot, Spruce Pine, North Carolina, by Blue Rock Mining Company, covered by the depot's Acceptance No. 197(a), dated August 23, 1956, and related sales of scrap and punch mica on which Government royalty amounting to $8.49 was deposited in Hamilton National Bank, Knoxville, Tennessee, on December 11, 1956, being included in Deposit No. 11-23-070-57.

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

(1) The Operators under the exploration contract discontinued operations of the property shortly after completion of the exploration work and production and royalty information pertaining to that period has been included in the prior report of royalty review;

(2) The mine was operated by Blue Rock Mining Company for a short time in 1956, royalty has been received on the production by that company, and there is no evidence of any subsequent operation of the property; and

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

MME Form 22
April 59

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name Rock Mining Company

Address c/o Sam L. Phillips

Spruce Pine, North Carolina

Exploration Contract No. Idm-E712 Docket No. 3410

		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 ROYALTY REVIEW

I have reviewed the files of the Executive Officer, DMEA Field Team, Region V, Knoxville, Tennessee, pertaining to Contract Idm-2712, Docket No. DMEA-3410, dated September 21, 1954, with

Sam L. Phillips, John Phillips and Howard Boone
d/b/a Rock Mining Company
Spruce Pine, North Carolina

for the purpose of determining the amount of royalties due the United States Government on sales of mica from property referred to as Rock Mica Mine located in Yancey County, North Carolina, during the period September 21, 1954, to January 26, 1956.

A certificate of discovery or development was issued on June 27, 1955, and, in accordance with the contract, royalty is payable on all production from the land described in Article 2 of the contract for a maximum period of 10 years from the date of the contract. A Report of Review in lieu of final cost audit dated May 16, 1955, indicated accepted costs under the exploration contract amounting to $3,818.00 with the Government's contribution, on a 75 percent basis, being $2,863.50.

My review included a verification of the royalty paid in connection with the sale of 483.45 pounds of trimmed, 9,812 pounds of hand cobbed, 20,525 pounds of scrap, and 4,373 pounds of punch mica recovered during the exploration period. In addition, a conference was held with Mr. William A. Beck, Mining Engineer, 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:

(a) The production involved was incidental to the exploration operations.
(b) The property has been idle since completion of the exploration work.
(c) 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 to be $8,522.94. Royalty due the U. S. Government at the contract rate of 5 percent is $426.19. The royalty paid and balance due are as follows:

Total Royalty Due	$426.19
Total Royalty Paid	426.19
Balance of Royalty Due	$ -0-

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

February 1, 1956

Docket Copy
Surname:
Anderson
Houk
Butin
"Appd. Sol. Off."
Talbot
Selfridge
Johnson

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

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

To: Sam L. Phillips, John Phillips and Howard Boone
doing business as Rock Mining Co.
Spruce Pine, North Carolina

Pursuant to the provisions of Exploration Project Contract No. Idm-E712, dated September 21, 1954 (Docket No. DMEA-3410), 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:

The lower of four pegmatite pods occurring in echelon in mica schist and gneiss was found by an incline shaft and drifts. Significant amounts of strategic mica were produced during the project.

THE UNITED STATES OF AMERICA

By O. Mitchell Foy
Administrator, Defense Minerals
Exploration Administration

Dated: JUN 2 7 1955

WCAnderson:gad 6/17/55
Copy to: Mr. Clarence A. Fredell, EPS, GSA
Docket
Admr. R. File
Mr. Chambers
Mr. Johnson
Operating Committee
Finance Office
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Hedges, 3612
Mr. Houk

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
	Wardell	120
9/29	Johnson	110
4		100
		220

Rock Mining Company
c/o Mr. Sam L. Phillips
Spruce Pine, North Carolina

SEP 29 1964

Re: DMEA-3410 (Mica)
Rock Mining Company
Rock Mine
Yancey County, North Carolina
Contract Idm-E712

Gentlemen:

Thank you for returning the completed Form 63's mailed to you on September 21, 1964.

By the terms of the subject Exploration Project Contract and the certification of discovery or development dated June 27, 1955, all minerals mined or produced from September 21, 1954, to September 21, 1964, were subject to the Government's royalty as set forth in said contract.

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

Sincerely yours,

George Fumich, Jr.
mm

Acting Director

MMerrithew/mm
9/29/64
cc: Director's Reading File
CA&A Div.
R. A. Laurence, Knoxville, Tenn. w/cy of incoming Form 63 dated 9/21/64
Docket
Code 120 M
Mrs. Nancy C. Spoon, Greensboro, N.C.

23263

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Sam L. Phillips, John Phillips and Howard Bacon
d/b/a Rock Mining Company
Spruce Pine, North Carolina

pertaining to Exploration Project Contract No. Idm-E712, Docket No. DMEA-3410, for the months of October, 1954 to February, 1955, inclusive, covering a project for the exploration of mica on property, known as the Rock Mica Mine located in Yancey County, North Carolina.

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

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

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

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

Total cost as billed by Contractor		$3,818.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$3,818.00

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Two thousand eight hundred sixty-three and 50/100 Dollars

$2,863.50

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

E. D. Talbert

E. D. Talbert, Auditor

May 16, 1955

Docket copy

Defense Minerals Administration
RECEIVED
OCT 6 1954

MF-200A
(Revised June 1954)

Docket No. DMEA [redacted]

Commodity [redacted]

Contract No. Idm-E - 712

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

It is agreed this 21st day of September, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] [redacted], whose mailing address is [redacted], hereinafter called the "Operator," as follows:

ARTICLE 1. *This contract* is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200A), the attached Exhibit "A," Annex I, and .....

The Operator shall not transfer or assign this contract or any right thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The land which is the subject of this contract (hereinafter called "the land") is in the State of [redacted], County of [redacted], and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] [redacted] of [5] [redacted] in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] [redacted], [7] [redacted] recorded in Book ....., page ....., official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: [redacted]

(c) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above, and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title of the land (lessor, seller, optionor, etc.), are attached, as follows: [redacted]

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] Insert name, and if an organization, its nature (corporation and place of incorporation, partnership with names of partners, etc.).
[3] State on a separate sheet marked "Annex I" the legal description or enough to identify the property, particularly excluding any areas from which the production is not to be subject to the Government's percentage royalty.
[4] Insert "owner," "lessee," "contract purchaser," "locator," etc.
[5] Insert "the entire interest," "the mineral rights," "an undivided one-third," etc.
[6] Insert "deed," "lease," "contract," "location notice," "patent," etc.
[7] If not recorded, so indicate by inserting "un."

(d) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. Until the lapse of the time within which the Government may make a certification of discovery or development without any such certification having been made, and after any such certification has been made, the Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. If the Government makes no certification of discovery or development within the time limited in Article 7, it shall thereafter have no claim against the land or any production therefrom except for any production referred to in Article 7(b)(1).

ARTICLE 3. *The exploration project.*—The project is a search for indicated or undeveloped deposits of Zinc ..... The work to be performed is described in Exhibit "A." The Operator on or before ..... shall commence the work, and on or before April 1, 1955 ..... (unless the Operator's obligation to complete the work is terminated—see Article 8) shall complete the work.

ARTICLE 4. *Performance of the work.*—(a) *Operator's responsibility.*—The work shall be performed with reasonable diligence, efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for liability insurance covering employment; and with suitable and adequate equipment, facilities, materials, supplies, and labor, to bring it to completion within the time fixed.

(b) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after a certification of discovery or development to inspect production operations and underground workings. The operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 5. *Contribution by the Government.*—A fixed cost for each unit of work to be performed (per foot of drifting, per foot of drilling, per hour of operations, etc.) is hereby agreed upon, and is set forth in Exhibit "A" in connection with the estimated total cost of the project in the sum of $ 3,938.00 ..... The Government will contribute 75 ..... percent of the fixed unit costs as work is performed, in a total sum not in excess of $ 2,953.50 .....: *Provided,* That until the Operator has rendered to the Government his final report, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of 10 percent of the estimated total cost of the work. The Government will make its contribution on the basis of the monthly vouchers referred to in Article 6(b), but all payments by the Government are provisional only, subject to audit, until the account between the Operator and the Government is finally audited and settled. To the extent that excesses over fixed unit costs or any excess over the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such excesses for his own account without contribution by the Government. The Government may make payments directly to independent contractors and suppliers for the account of the Operator rather than to the Operator.

ARTICLE 6. *Reports, accounts, audits.*—(a) *Operator's records.*—The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine any pertinent books, documents, papers, and records of the Operator. All of the Operator's vouchers and records and accounts relating thereto and the Government's payments thereof remain subject to adjustment until final audit by the Government.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing a detailed statement of units of work performed during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and the fixed unit costs incurred for each type of work; and (3) a Narrative Report of the work

performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records or accounts.

ARTICLE 7. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after a sufficient final report and final account (see Article 6) has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

(b) *Royalty on production.*—The Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, within a period of ten years from the date of the contract, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

(c) *Basis for computation.*—The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f. o. b. point); *except,* that charges of *the buyer* arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by *the buyer,* sampling and assaying to determine the value of the production sold, and freight paid by *the buyer* to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the crude ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

(d) *Unsold production.*—If any production (ore, concentrates, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time when it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) *Percentages of royalty.*—The percentages of the Government's royalty shall be as follows:

One and one-half (1½) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half (½) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.

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

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this article.

(g) *Lien for payment.*—To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(h) *Notice to purchasers.*—The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

(i) *No obligation to produce.*—Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(j) *Government not obligated to buy.*—Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

ARTICLE 8. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery, and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon the Government shall be free of all obligation to pay on account of units of work not then performed, and the Operator shall be free of all further obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The remedy provided for the Government in this paragraph "(b)" is in addition to any other remedy provided in this contract, and in addition to any other remedy the law may provide for breach of contract.

(c) The giving of any notice by the Government under the provisions of this Article 8 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and such rights shall be fully preserved.

ARTICLE 9. *Notices to be given by the Government* may be delivered to the Operator, or may be sent by registered mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 10. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 11. *Changes and added provisions.*—

Executed in sextuplicate the day and year first above written.

ROCK HILL COMPANY
(Operator)

By Sam L. Phillips (Partner)

By John T. Phillips (Partner)

By Howard Boone (Partner)

THE UNITED STATES OF AMERICA

By Frank E. Johnson
ACTING [redacted]

Highland
Henry
Andrew
Chandler
Selfridge

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

.....

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—70618-1

EXPLORATION PROJECT CONTRACT
ROCK MINING COMPANY
DOCKET NO. DMEA-3410

OCT - 6 19

ANNEX I

The land referred to in Article 2 of the contract form was leased for mining purposes to Sam L. Phillips, John Phillips and Howard Boone for a period of five years by Nancy C. Spoon by an instrument dated June 30, 1954. It is located in Yancey County, North Carolina, east-southeast of Micaville in the Blue Rock Branch Valley, 0.4 miles west of Butler Gap, and is described in the lease as follows:

> Beginning at the center of the mine known as Rock Mine and running north 250 feet, thence west 250 feet, thence south 500 feet, thence east 500 feet, thence north 500 feet, thence west 250 feet to the beginning.

Strategic Minerals
RECEIVED
OCT 6 1954

EXPLORATION PROJECT CONTRACT
ROCK MINING COMPANY
DOCKET NO. DMEA-3410

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica shall be accomplished in the area indicated on the attached map entitled "Rock Mica Mine, Yancey County, North Carolina, DMEA-3410," made a part of this Exhibit "A," as follows:

(1) Construct: a toolhouse, 10 feet by 12 feet; a powder magazine; and an exploder magazine, each structure to be adequate for the requirements of the project.

(2) Sink on the pegmatite a two compartment shaft to a depth of not more than 40 feet.

(3) From the bottom of the shaft, explore the pegmatite by driving not more than 60 feet of drifts and/or crosscuts.

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

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

Fixed Unit Costs

Constructing -	Toolhouse 1/	$ 100.00
	Powder magazine 1/	25.00
	Exploder magazine 1/	13.00
Sinking 40 feet of shaft @ $50.00/ft.		2,000.00
Driving 60 feet of drifts and/or crosscuts @ $30.00/ft.		1,800.00

1/ The completed work constitutes the unit

Estimated total cost of project	$3,938.00
Government participation at 75%	$2,953.50

COPY

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1954

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

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

Beginning at the center of the mine known as Rock Mine and running North 250', thence West 250', thence South 500', thence East 500', thence North 500', thence West 250' to the beginning. This property located in the Blue Rock section of Yancey County.

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

2/ Sam L. Phillips, John Phillips and Howard Boone

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

(OVER)

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

4. Changes and added provisions _____

_____

_____

_____

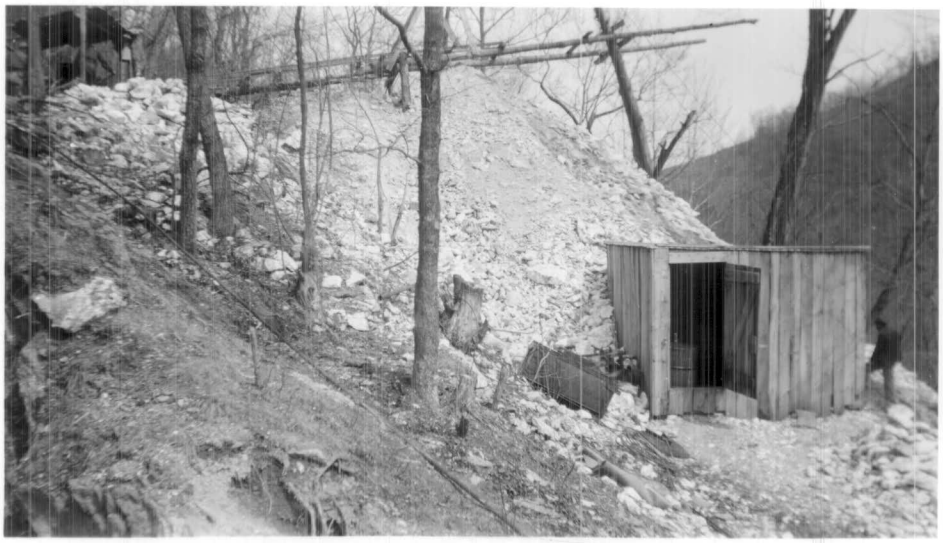
Dated this 13th day of August, 1954.

Nancy P. Gordon [Seal] Greensboro, N. C.

_____ [Seal]

_____ [Seal]

DMEA-3410, Idm-E712. Contract $3,938.00. 40 ft. of shaft and 60 ft. of drifting and crosscutting. Project will be certified. About $4,700.00 worth of mica has already been sold. There is some mica on hand to be processed and sold. The attached picture shows the dump and toolhouse at the subject mine. The inspection underground indicates three cigar shaped pegmatites which contain mica. 56 ft. of drifting have been completed. The additional four feet is not justified. This is a typical North Carolina mica operation. Wire rope used for hoisting cars wears very rapidly due to the abrasion when the rope rubs against the incline sides and bottom.



Picture looking NE at dump and portal of inclined shaft.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration
RECEIVED
JUL 12 1954

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. 3410
Metal or Mineral MICA
Date Received
Estimated Cost $4,000
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: Sam L. & John Phillips and Howard Boone, Spruce Pine, N. C.
D/B/A Rock Mining Co.
Spruce Pine, 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 Legal description given on attached lease.

(*b*) State any mine name by which the property is known. Rock Mine

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

(*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. Lease attached.

(*e*) If you own the land, describe any liens or encumbrances on it Not owner

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. None

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. See continuation sheet

(*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*) State the mineral or minerals for which you wish to explore 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. See continuation sheet

(*c*) The work will start within 30 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. Now on file with DMEA

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: See sheet

(*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 7-8-54, 195...

Rock Mining Company
(Applicant)

By John Phillips, Partner

John Phillips

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—66551-1

Property of the Department of Mines, Minerals and Energy
Division of Mineral Resources
JUL 12 1954

MF-103 (continuation sheet)

4. (a) There is an existing incline approximately 95 feet deep from old workings. This mine is not being operated at present. The old incline now contains water.

(b) Large quantities of green mica were recovered from this mine during the Colonial program and the mica was of very good quality.

(c) Map attached. It is believed the pegmatite contains non-ruby mica of stockpile quality.

(d) Mine accessible to roads, shipping and residence points.

(e) Manpower is available for working this mine. Materials and supplies and equipment available. Power nearby.

5. (b) We propose to dewater the existing 95' incline, remove the muck and drift or crosscut 100 feet in most promising direction from end of old incline.

6. Estimate of costs:

Dewatering present incline	$ 200.00
Removing muck	300.00
Drift and/or crosscut 100 feet @ $35.00 ft. .	3500.00
	$ 4000.00

MINING LEASE

State of North Carolina Yancey County:

This indenture made this 30th day of June, 1954, ~~1955~~, between Nancy C. Spoon of Guilford County and State of North Carolina as party of the first part, and known as lessor, and Sam L. Phillips, John Phillips and Howard Boone of Mitchell County and State of North Carolina, party of the second part and known as lessee.

WITNESSETH, That the part of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit:

Beginning at the center of the mine known as Rock Mine and running North 250', thence West 250', thence South 500', thence East 500', thence North 500', thence West 250' to the beginning. This property located in the Blue Rock Section of Yancey County, N.C.

TO HAVE AND TO HOLD the said lands to him, for mining purposes, the said lessee and his heirs and assigns for the aforesaid period of five years in compliance with the condition of this instrument, for the purpose and with the right to dig, quarry, search, explore for, obtain, and remove any kind of minerals, metals or fossils, and particularly mica, and to conduct the same to any extent the said party of the second part, the lessee, may desire. And it is hereby agreed between the parties to this agreement that the party of the second part is to have the use of any unoccupied buildings on said lands for mining purposes, and that he shall have the right to erect such buildings as he needs to carry on such mining operatins during the period of this lease, and that the party of the second part shall keep the same in as good condition as when received, unavoidable accidents excepted. And it is also agreed by the party of the second part that no unnecessary damage is to be done to the lands herein leased during the period of this lease and the continuance of said lease, but the said party of the second part shall have the right to take from said lands leased to the party of the second part any wood or timber the party of the second part may need to carry on said mining operations or which may be needed to carry on the addition to existing buildings or to erect new buildings or sheds on said lands. (Timber of high or special market value is excepted and shall not be used by the lessee.) And it is hereby agreed that the party of the second part, the lessee, is to have right-of-way of ingress and egress to said mines or land upon which exploration is being conducted.

AND IT IS FURTHER AGREED That the party of the second part, the lessee hereby agrees to pay to the said part of the first part, or his or their heirs or assigns, a rental royalty of 12½%

on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, shall have the option to renew this lease and to extend the period of its running for an additional five years from the date of its present termination. The option shall be exercised by giving formal written notice to the party of the first part or by the continuation of any mining operations then being conducted. The lessor reserve the right to use the land, or convey the same not conflicting with this lease, but under any conveyance the terms of this lease must be recognized by the grantee, purchaser, or assigns thereof. And it is agreed that the lessee may assign this mining lease or any part thereof and that he may sublease.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, is hereby given an option to purchase all the right, title and interest, legal and equitable to and in the real estate described and set forth in this lease for a total purchase price of _____, said purchase price to be paid in full within three years from the date of this instrument and it is agreed that all rental royalties paid to the party of the first part shall apply toward and be a part of the total purchase price above set forth, and that at such time that the total purchase price is paid in the form of royalties or a lump sum payment or a combination of both, the party of the first part will execute a special warranty deed to the party of the second part and that a tender of the remaining purchase price at any time within the next three years shall entitle the party of the second part to specific performance of this option contract.

BUT IT IS EXPRESSLY AGREED That unless mineral or fossil material of practical value for mining purposes shall be found within a period of two years from the date of this instrument, the lease may be terminated by the lessee at any time thereafter on thirty days notice to the lessor. The lessee agrees that during the period of this lease or the continuance of this lease work in said mines or exploration for new mines within the area leased shall not cease longer than ninety days at any one time, unavoidable accidents excepted.

WITNESS our hands and seals the day and year first above written.

Witness:

Kenneth R McKinney
Notary Public
My Comm Expires 8/11/55

Nancy C. Spoon (Seal)

Sam L. Phillips (Seal)

John Phillips (Seal)

Howard Boone

MINING LEASE

Department of the Interior
Defense Minerals Administration
RECEIVED
DEC 12 1954

State of North Carolina [illegible] County:

This indenture made this [illegible] day of [illegible], 1953, between [illegible]

of [illegible] County and State of North Carolina as party of the first part, and known as lessor, and [illegible]

of [illegible] County and State of North Carolina, party of the second part and known as lessee.

WITNESSETH, That the part of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit:

[illegible]

TO HAVE AND TO HOLD the said lands to him, for mining purposes, the said lessee and his heirs and assigns for the aforesaid period of five years in compliance with the condition of this instrument, for the purpose and with the right to dig, quarry, search, explore for, obtain, and remove any kind of minerals, metals or fossils, and particularly mica, and to conduct the same to any extent the said party of the second part, the lessee, may desire. And it is hereby agreed between the parties to this agreement that the party of the second part is to have the use of any unoccupied buildings on said lands for mining purposes, and that he shall have the right to erect such buildings as he needs to carry on such mining operatins during the period of this lease, and that the party of the second part shall keep the same in as good condition as when received, unavoidable accidents excepted. And it is also agreed by the party of the second part that no unnecessary damage is to be done to the lands herein leased during the period of this lease and the continuance of said lease, but the said party of the second part shall have the right to take from said lands leased to the party of the second part any wood or timber the party of the second part may need to carry on said mining operations or which may be needed to carry on the addition to existing buildings or to erect new buildings or sheds on said lands. (Timber of high or special market value is excepted and shall not be used by the lessee.) And it is hereby agreed that the party of the second part, the lessee, is to have right-of-way of ingress and egress to said mines or land upon which exploration is being conducted.

AND IT IS FURTHER AGREED That the party of the second part, the lessee hereby agrees to pay to the said part of the first part, or his or their heirs or assigns, a rental royalty of [illegible]

on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, shall have the option to renew this lease and to extend the period of its running for an additional five years from the date of its present termination. The option shall be exercised by giving formal written notice to the party of the first part or by the continuation of any mining operations then being conducted. The lessor reserve the right to use the land, or convey the same not conflicting with this lease, but under any conveyance the terms of this lease must be recognized by the grantee, purchaser, or assigns thereof. And it is agreed that the lessee may assign this mining lease or any part thereof and that he may sublease.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, is hereby given an option to purchase all the right, title and interest, legal and equitable to and in the real estate described and set forth in this lease for a total purchase price of _____, said purchase price to be paid in full within three years from the date of this instrument and it is agreed that all rental royalties paid to the party of the first part shall apply toward and be a part of the total purchase price above set forth, and that at such time that the total purchase price is paid in the form of royalties or a lump sum payment or a combination of both, the party of the first part will execute a special warranty deed to the party of the second part and that a tender of the remaining purchase price at any time within the next three years shall entitle the party of the second part to specific performance of this option contract.

BUT IT IS EXPRESSLY AGREED That unless mineral or fossil material of practical value for mining purposes shall be found within a period of two years from the date of this instrument, the lease may be terminated by the lessee at any time thereafter on thirty days notice to the lessor. The lessee agrees that during the period of this lease or the continuance of this lease work in said mines or exploration for new mines within the area leased shall not cease longer than ninety days at any one time, unavoidable accidents excepted.

WITNESS our hands and seals the day and year first above written.

Witness:

_____

Nancy S. Spoon (Seal)

Sam L. Phillips (Seal)

John Phillips (Seal)

Howard Boone

(COPY)

MINING LEASE

State of North Carolina Yancey County:

This indenture made this 30th day of June, 1954, ~~1953~~

between Nancy C. Spoon

of Guilford County and State of North Carolina as party of the first part, and known as lessor, and Sam L. Phillips, John Phillips and Howard Boone

of Mitchell County and State of North Carolina, party of the second part and known as lessee.

WITNESSETH, That the part of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit:

Beginning at the center of the mine known as Rock Mine and running North 250', thence West 250', thence South 500', thence East 500', thence North 500', thence West 250' to the beginning. This property located in the Blue Rock Section of Yancey Co., N. C.

TO HAVE AND TO HOLD the said lands to him, for mining purposes, the said lessee and his heirs and assigns for the aforesaid period of five years in compliance with the condition of this instrument, for the purpose and with the right to dig, quarry, search, explore for, obtain, and remove any kind of minerals, metals or fossils, and particularly mica, and to conduct the same to any extent the said party of the second part, the lessee, may desire. And it is hereby agreed between the parties to this agreement that the party of the second part is to have the use of any unoccupied buildings on said lands for mining purposes, and that he shall have the right to erect such buildings as he needs to carry on such mining operatins during the period of this lease, and that the party of the second part shall keep the same in as good condition as when received, unavoidable accidents excepted. And it is also agreed by the party of the second part that no unnecessary damage is to be done to the lands herein leased during the period of this lease and the continuance of said lease, but the said party of the second part shall have the right to take from said lands leased to the party of the second part any wood or timber the party of the second part may need to carry on said mining operations or which may be needed to carry on the addition to existing buildings or to erect new buildings or sheds on said lands. (Timber of high or special market value is excepted and shall not be used by the lessee.) And it is hereby agreed that the party of the second part, the lessee, is to have right-of-way of ingress and egress to said mines or land upon which exploration is being conducted.

AND IT IS FURTHER AGREED That the party of the second part, the lessee hereby agrees to pay to the said part of the first part, or his or their heirs or assigns, a rental royalty of 12½%

on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, shall have the option to renew this lease and to extend the period of its running for an additional five years from the date of its present termination. The option shall be exercised by giving formal written notice to the party of the first part or by the continuation of any mining operations then being conducted. The lessor reserve the right to use the land, or convey the same not conflicting with this lease, but under any conveyance the terms of this lease must be recognized by the grantee, purchaser, or assigns thereof. And it is agreed that the lessee may assign this mining lease or any part thereof and that he may sublease.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, is hereby given an option to purchase all the right, title and interest, legal and equitable to and in the real estate described and set forth in this lease for a total purchase price of _____, said purchase price to be paid in full within three years from the date of this instrument and it is agreed that all rental royalties paid to the party of the first part shall apply toward and be a part of the total purchase price above set forth, and that at such time that the total purchase price is paid in the form of royalties or a lump sum payment or a combination of both, the party of the first part will execute a special warranty deed to the party of the second part and that a tender of the remaining purchase price at any time within the next three years shall entitle the party of the second part to specific performance of this option contract.

BUT IT IS EXPRESSLY AGREED That unless mineral or fossil material of practical value for mining purposes shall be found within a period of two years from the date of this instrument, the lease may be terminated by the lessee at any time thereafter on thirty days notice to the lessor. The lessee agrees that during the period of this lease or the continuance of this lease work in said mines or exploration for new mines within the area leased shall not cease longer than ninety days at any one time, unavoidable accidents excepted.

WITNESS our hands and seals the day and year first above written.

Witness: (Notary Seal)

S/ Kenneth R. McKinney, Notary Public

(Signed) Nancy C. Spoon (Seal)

Sam L. Phillips (Seal)

John Phillips (Seal)

Howard Boone

(copy)

MINING LEASE

State of North Carolina Yancey County:

This indenture made this 30th day of June, 1954, ~~1953~~

between Nancy C. Green

of Guilford County and State of North Carolina as party of the first part, and known as lessor, and Sam L. Phillips, John Phillips and Howard Boone

of Mitchell County and State of North Carolina, party of the second part and known as lessee.

WITNESSETH, That the part of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit:

Beginning at the center of the mine known as Rock Mine and running North 250', thence West 250', thence South 500', thence East 500', thence North 500', thence West 250' to the beginning. This property located in the Blue Rock Section of Yancey Co., N. C.

TO HAVE AND TO HOLD the said lands to him, for mining purposes, the said lessee and his heirs and assigns for the aforesaid period of five years in compliance with the condition of this instrument, for the purpose and with the right to dig, quarry, search, explore for, obtain, and remove any kind of minerals, metals or fossils, and particularly mica, and to conduct the same to any extent the said party of the second part, the lessee, may desire. And it is hereby agreed between the parties to this agreement that the party of the second part is to have the use of any unoccupied buildings on said lands for mining purposes, and that he shall have the right to erect such buildings as he needs to carry on such mining operatins during the period of this lease, and that the party of the second part shall keep the same in as good condition as when received, unavoidable accidents excepted. And it is also agreed by the party of the second part that no unnecessary damage is to be done to the lands herein leased during the period of this lease and the continuance of said lease, but the said party of the second part shall have the right to take from said lands leased to the party of the second part any wood or timber the party of the second part may need to carry on said mining operations or which may be needed to carry on the addition to existing buildings or to erect new buildings or sheds on said lands. (Timber of high or special market value is excepted and shall not be used by the lessee.) And it is hereby agreed that the party of the second part, the lessee, is to have right-of-way of ingress and egress to said mines or land upon which exploration is being conducted.

AND IT IS FURTHER AGREED That the party of the second part, the lessee hereby agrees to pay to the said part of the first part, or his or their heirs or assigns, a rental royalty of 12½%

on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, shall have the option to renew this lease and to extend the period of its running for an additional five years from the date of its present termination. The option shall be exercised by giving formal written notice to the party of the first part or by the continuation of any mining operations then being conducted. The lessor reserve the right to use the land, or convey the same not conflicting with this lease, but under any conveyance the terms of this lease must be recognized by the grantee, purchaser, or assigns thereof. And it is agreed that the lessee may assign this mining lease or any part thereof and that he may sublease.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, is hereby given an option to purchase all the right, title and interest, legal and equitable to and in the real estate described and set forth in this lease for a total purchase price of _____, said purchase price to be paid in full within three years from the date of this instrument and it is agreed that all rental royalties paid to the party of the first part shall apply toward and be a part of the total purchase price above set forth, and that at such time that the total purchase price is paid in the form of royalties or a lump sum payment or a combination of both, the party of the first part will execute a special warranty deed to the party of the second part and that a tender of the remaining purchase price at any time within the next three years shall entitle the party of the second part to specific performance of this option contract.

BUT IT IS EXPRESSLY AGREED That unless mineral or fossil material of practical value for mining purposes shall be found within a period of two years from the date of this instrument, the lease may be terminated by the lessee at any time thereafter on thirty days notice to the lessor. The lessee agrees that during the period of this lease or the continuance of this lease work in said mines or exploration for new mines within the area leased shall not cease longer than ninety days at any one time, unavoidable accidents excepted.

WITNESS our hands and seals the day and year first above written.

Witness: (Notary Seal)

S/ Kenneth R. McKinney, Notary Public

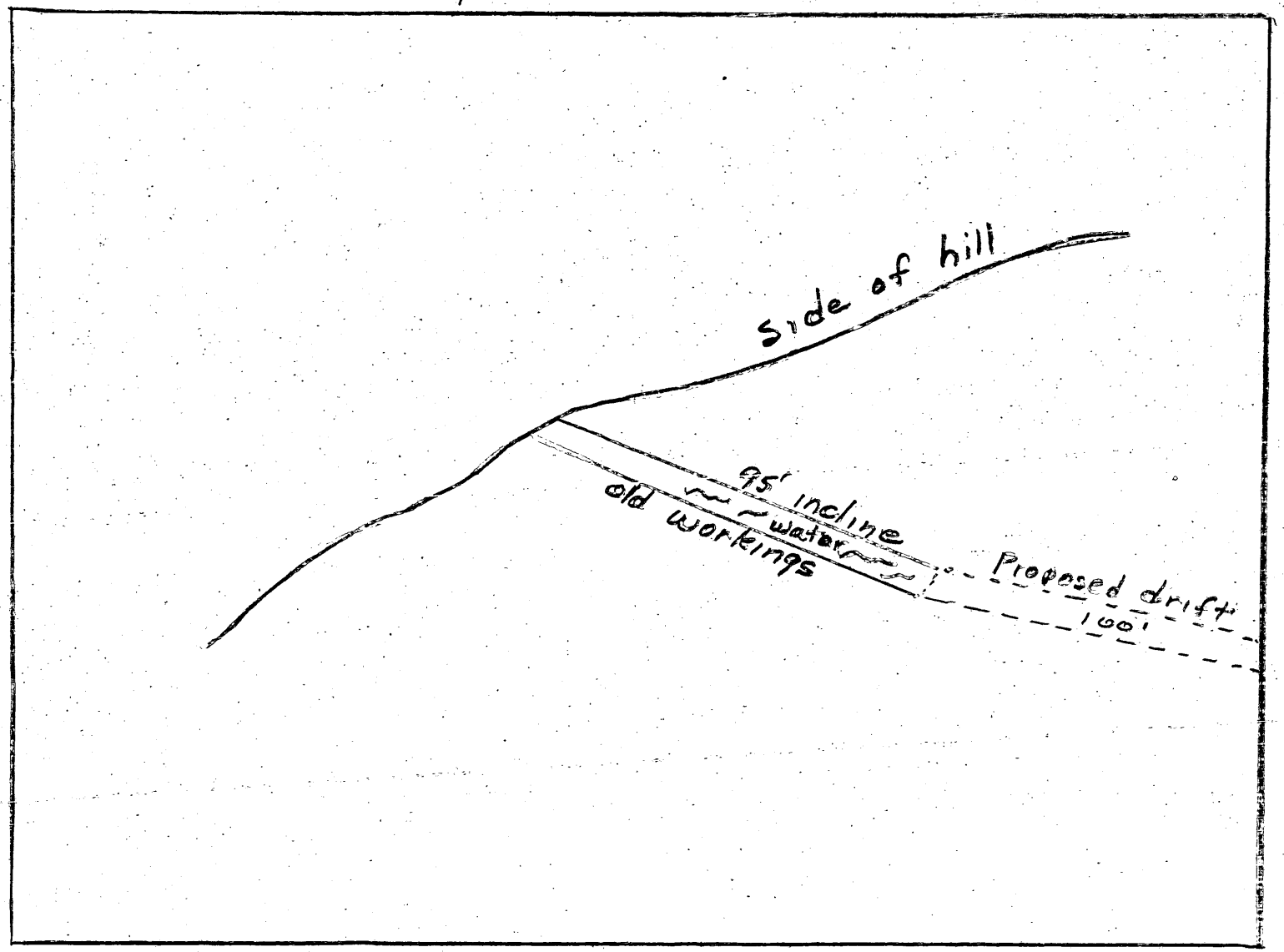
(Signed) Nancy C. Green (Seal)

Sam L. Phillips (Seal)

John Phillips (Seal)

Howard Boone

Rock Mine
Yancey Co.



Project Summary Report

By Walter C. Anderson June 16, 1955

1. Docket No. DMEA-3410 - Mica
   Contract No. Idm-E712
   Rock Mica Mine
   Yancey County, North Carolina

   Operators: Sam L. Phillips, John Phillips and Howard Boone d/b/a
   Rock Mining Company
   Spruce Pine, North Carolina

   Application: Form MF-103 (April, 1952) received July 12, 1954.
   Work proposed - Rehabilitate incline and drive loo feet of drifts and/or crosscuts.
   Amount requested- $4,000.00

   Operator's Property Rights:
   Lease for 5 years dated June 30, 1954.
   Owner's Consent to Lien dated August 13, 1954.

2. Contract-Form MF200A (June 1954) dated September 21, 1954.
   Work authorized:

Construct toolhouse, powder and exploder magazines.	$ 138.00
40 feet of shaft @ $50.00/ft	2,000.00
60 feet of drifts and/or crosscuts @ $30.00/ft	1,800.00
Estimated total cost of project	$3,938.00
Government participation @ 75%	$2,953.50

   Amendments-None

   Work completed:

Constructed toolhouse, powder and exploder magazines	$ 138.00
40 feet of shaft @ $50.00/ft	2,000.00
56 feet of drifts and/or crosscuts @ $30.00/ft	1,680.00
Total cost of project	$3,818.00
Government participation @ 75%	$2,863.50

   Work began October 11, 1954 and completed February 28, 1955.
   Field Team Final report received April 22, 1955.
   Operator's Final report received April 22, 1955.

Production during operation : 30,000 pounds "Mine-run" mica. yielding as follows:

	Pounds	Value
Trimmed Sheet Mica	449.33	$5,427.58
Hand cobbed mica	4,004	661.55
Scrap mica	17,755	266.33
		6,355.46

No equipment purchased under contract

3. Audit: Report of review issued May 16, 1955
   Accepted cost $3,818.00
   Government participation $2,863.50

4. Certification of discovery issued June 20, 1955
   Ore Reserves--Cannot be calculated, since pegmatite consists of series of pods, 3 upper ones mined out previous to project, 4th pod practically mined out during operation. Existance of more pods down dip is probable.

Comments:

How conducted: All of the work in which the Government participated was satisfactorily performed.

Operation: Good

Engineering: Reporting by Operator was better than average. Narrative portions of monthly reports were quite satisfactory.

Geological Premise: The premise that the pegmatite consisting of a series of pods connected by pegmatite stringers would continue down dip was correct. A fourth pod was discovered by the project in addition to 3 previously mined out.

Geological Criteria upon which work was based:

1. Conformable pegmatite consisting of a series of 7 to 20 foot thick vertical pods connected by one foot thick pegmatite stringers.
2. Mica--Green, with fractures and wavy surface. Books up to 12 inches across.
3. Past production.

Criteria developed during project:

1. Thick elongated pegmatite pod, down dip from 3 previously mined out pods. It is 55 feet long with a horizontal thickness of 15 feet and vertical thickness of 20 feet. Pods conformable to country rock, mica schist and gneiss. The connecting stringers are crosscutting.
2. Mica: generally poor quality, considerably mineral stained. Occurs throughout pegmatite.

Future possibilities: Depends on the existance of additional pods below the one discovered by the project which was practically mined out.

Recommendations: Because additional pegmatite pods down dip are probable, the Nonmetallic Minerals Division concurs in Field Team's recommendation to certify the project. The Commodity Specialists of the Geological Survey and Bureau of Mines concur.

W. C. Anderson

W. C. Anderson, Mining Engineer

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
	[illegible]	120
9/29	[illegible]	110
		100
		220

SEP 2 9 1964

Mrs. Nancy C. Spoon

Greensboro, North Carolina

Re: DMEA-3410 (Mica)
Rock Mining Company
Rock Mine
Yancey County, North Carolina
Contract Idm-E712

Dear Mrs. Spoon:

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

This correspondence relates to the Owner's Consent to Lien executed by you on August 13, 1954, under the Defense Minerals Exploration Administration program.

Sincerely yours,

George Fumich, Jr.

Acting Director

Enclosure

MMerrithew/mm (9/29/64)
cc: Director's Reading File
R. A. Laurence, Knoxville, Tenn.
Docket
Code 120M

23263

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

September 21, 1964

Re: DMEA-3410 (Mica)
Rock Mining Company
Rock Mica Mine
Yancey County, N. C.
Contract Idm-E712

Rock Mining Company
c/o Mr. Sam L. Phillips
Spruce Pine, North Carolina

Gentlemen:

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,

George C. Selfridge

George C. Selfridge, Chief
Division of Exploration Operations

OFFICIAL FILE COPY
O. M. E
RECEIVED SEP 25 1964

DATE	INITIAL	
		100
9/25		110
		120
		120

DMEA-3410
Idm-E712

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. From October 1963, to September 21, 1964 ~~Since~~ , 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. From October 1963, to September 21, 1964 ~~Since~~ , has there been any production from the land subject to the contract? Yes ☐ No ☐

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

	Quantity	Value

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

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

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

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

Disposition of Material	Quantity	Value

Submitted by:

Name Sam L. Phillips Title Partner

Address Spruce Pine N.C. Date 9-23-64

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

OFFICIAL FILE COPY

October 24, 1963

RECEIVED OCT 29 1963

DATE	INITIALS	CODE
10/29	[illegible]	800
[illegible]	[illegible]	100
10/29	[illegible]	110
10/30	Murphy	500
		220

Re: DMEA-3410 (Mica)
Rock Mining Company
Rock Mica Mine
Yancey County, N. C.
Contract Idm-E712

Rock Mining Company
c/o Mr. Sam L. Phillips
Spruce Pine, North Carolina

O.K. for 1964

Gentlemen:

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,

F. M. Murphy

F. M. Murphy, Acting Chief
Division of Minerals

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since October 4, 1962, 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 October 4, 1962, 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 Rock Mining Co. Title Sam L. Phillips, Partner

Address Spruce Pine, N.C. Date 10-28-63

4511

orm 7
58)

OFFICIAL FILE COPY

Date	Surname	Code
10/19	GCS	120
		220

OCT 19 1962

Memorandum

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

From: Chief, Division of Field Operations, OMK

Subject: DMEA-3410 (Mica)
Rock Mining Company
Rock Mine
Yancey County, North Carolina
Contract Idm-E712

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

George C. Selfridge (gla)

Enclosure

GCSelfridge/gla
10-19-62
cc to: Docket DMEA-3410
Director's Reading File
CA&A Division
G. C. Selfridge
R. A. Laurence, USGS, Reg. IV, w/cy of Report of Royalty Review dtd 10/17/62 and orig. cy of memo dtd 10/17/62 to Chief, Division of Field Operations, from CA&A Division.
Avery Reed, USBM, Reg. IV, w/cy of ea. item sent to Mr. Laurence.

43683

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
		220

October 17, 1962

Memorandum

To: Chief, Division of Field Operations

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

Subject: DMEA-3410 (Mica)
Rock Mining Company
Rock Mine
Yancey County, North Carolina
Contract Idm-E712

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

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

(b) Two copies to Region IV files.

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

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

Enclosures

EDTalbert/ama 10-17-62

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

43683

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

October 1, 1962

Re: DMEA-3410 (Mica)
Rock Mining Company
Rock Mica Mine
Yancey County, N. C.
Contract Idm-E712

Rock Mining Company
c/o Mr. Sam L. Phillips
Spruce Pine, North Carolina

Gentlemen:

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
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RECEIVED OCT 8 1962

DATE	INITIALS	CODE
10/8		800
10/8		100
10/8		110
10/9		500
"		500
		220

MME Form 63
Revised 3-62

DMEA3410
Idm-E712

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since June 15, 1960, 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 June 15, 1960, has there been any production from the land subject to the contract? Yes ☐ No ☑

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

	Quantity	Value

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

Type	Quantity	Estimated Grade	Location
Ore	Tons		
Concentrates	Tons		
Other	Tons		

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

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

Disposition of Material	Quantity	Value

Submitted by:

Name Sam L. Phillips Title Partner

Address Spruce Pine, N.C. Date Oct. 4, 1962

4511

OME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
6/26		800
		500
		120
		110
		100
		220

June 26, 1962

Memorandum

To: The File

From: C. E. Fisher, OME Auditor

Subject: Check of Spruce Pine Mica Purchase Depot Records, June 18 - 22, 1962

During the period of June 18 to 22, 1962, I examined the purchase records of the G.S.A. Mica Purchase Depot at Spruce Pine, North Carolina, for the purpose of ascertaining any unreported production under DMEA exploration project contracts. My examination did not disclose any unreported production subject to royalty under the following contracts:

Contract No.	Docket No.	Operator	Mine Names
E- 684	3244	Alex Teague	Old Denson (Denison)
687	3256	Glenn C. Rathburn	Fox, Busby Creek
692	3260	Sam L. Phillips	W. A. McKinney, McKinney No. 1
694	3199	W. B. Chrisman	R. D. (W. H.) Westall
712	3410	Rock Mining Company	Rock
737	3469	A. Ward	Elmore
757	3559	C. R. Phillips, et al.	Sugar Dave, Ralph
762	3577	Keller Mining Co.	Royster
805	3720	Alvin White, et al.	Coward
830	3265	Mines and Mining, Inc.	Farlow Gap
835	3813	T. B. Vance	Shuffle Vance, Red, Charlie Burleson
840	3799	J. R. Beam	Bennett, Mica Field
865	3860	Ed Boone	Goog Rock
882	3924	J. F. Beam & John Phillips	Little Ray, Pat
891	3543	Buchanan Minerals, Inc.	Buchanan, Dream
900	3942	Sam G. Smith	Doe Hill, Sam Smith
962	4147	Sam L. Phillips	Old Buchanan
1005	4239	John Phillips	Roby (Robby)
1008	4332	John Phillips	John (John's) Brown
1037	4268	Murphy Mining Co.	Murphy, Murphy Rock
1042	4449	Clifton D. Buchanan	Boone, Phillips
1089	4554	Sam L. Phillips	Black Mountain

cc: Docket
Director's Reading File
CA & A Division
Region IV Files (2)

CEFisher/mm
6-26-62

[illegible] Quarterly report on [illegible] Mines, North Carolina

[illegible] No.	Idaho-I	Operator	Date Inspected
[illegible]	495	Burrus & Spangler Construction Co. (Lee Cornwell Mine)	June 13 thru 15
2921	548	Taylor and Greene (Cow Camp Mine)	
[illegible]	516	Good Mica Mining Co. (Engle Cope Mine)	
3000	557	J. P. [illegible] (S.T.R. Mining Co.) (Drum Hand)	
[illegible]	560	Murphy Mining Co. (Bennett Red)	
3154	536	Ellis & Grindstaff (Byrd Mine)	
3216	666	Sparks & Hardley (Hector Mine)	
3229	650	William Snyder ([illegible] Mine)	
3199	691	W. B. Christman (Westall Mine)	
3247	664	Buchanan & Cook (Johnson Mine)	
3255	662	Non-Metallic Minerals (White Face Mine)	
3256	687	Brown & Rathburn (Fox Mine)	
3260	692	Phillips & Carpenter (N.A. McKinney Mine)	
3282	675	J. [illegible] Bean & M. Boone (Ingram Mine)	
3287	674	Phillips & Carpenter (Mud Cut Mine)	
3410	712	Rock Mining Co. (Rock Mine)	Inactive

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O. M. E.
RECEIVED NOV 25 1959
DATE | INITIALS

OFFICE OF MINERALS EXPLORATION

Semi-Annual Report on Certified Projects

INACTIVE SINCE LAST INSPECTION

Commodity: Mica

Reporting Period: July 1, 1959 to December 30, 1959

The following certified projects in the Spruce Pine, North Carolina area were checked at the Government Purchasing Depot, or by contacting the Operators, either directly or by telephone. They were checked during the first two weeks of November 1959 and found to have been inactive since the last semi-annual inspection.

Number	Idn-E	Operator	Mine Name
1876	181	Yancey Mica Mines, Inc.	Cattail
2375	349	Robinson & West	Swannanoa
2784	519	Twiggs, Glen & Green	Sam Hopkins Mine
3006	560	Murphy Mining Co.	Bennett Bed
3154	636	Ellis & Grindstaff	Byrd
3199	694	W.B. Chrisawn	Westall
3247	664	Buchanan & Cook	Johnson
3255	662	Non-Metallic Minerals	White Egypt
[illegible]	687	Brown & Rathbourn	Fox [illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	734	Boone & Jarrett	Marsh Putnam
3599	757	C. R. Phillips	Sugar Dave
[illegible]	814	Roy Grindstaff	Conley
[illegible]	882	J.R. Beam & John Phillips	Little Ray
4147	962	Sam Phillips	Old Buchanan

W. J. Lynch, Mining Engineer
Bureau of Mines--OME

[illegible] 1959

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 30 1957

DATE	INITIALS	CODE
10/30	gb	220

EXPLORATION PROJECT CONTRACT

Semi-Annual Report of Certified Project

DMEA-3410, Idm-E712(mica) ROCK MINE
Yancey County, N. C.

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

Operator: Sam and John Phillips and Howard Boone,
d/b/a Rock Mining Co., Spruce Pine, N. C.

This mine was visited October 8, 1957. The mine was idle and it appeared that no work had been done since the last visited on April 9, 1957.

Wm. A. Beck, Mining Engineer
Bureau of Mines

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DMEA EXPLORATION PROJECTS

Semi-Annual Report of Certified Projects

Reporting Period 7-1-56 to 1-1-57 Date of Examination: 4-9-57
Operator: Sam and John Phillips and Howard Boone,
Mine Name: Rock Mine / d/b/a Rock Mining Co.

County: Yancey State: North Carolina

DMEA-3410 Contract No. Idm-E 712 Commodity: Mica

Date of Contract: Sept. 12, 1954 Date of Certification 6-28-55

Expiration Date of Royalty Payments: September 21, 1964

Total Amount of Contract: $3,938.00

Total Expenditures under contract: $3818.00

Amount of Government Participation at 75 % % = $2863.50

Royalty Payments this Period: $8.49 (Previously Paid)

Previous Royalty Payments : $426.19

Total Royalty paid to Date : $434.68

Percent Government Participation Repaid: 15.18 %

Royalty Due on Production to Date: None

Royalty Remarks:

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DMEA
RECEIVED MAY 6 1957

DATE	INITIALS	CODE
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Original Estimate of DMEA Reserves (Field Team Final Report)
None Calculated

Production DMEA ore (this period)

Type	Pounds	Amount
Sheet	14.19	$ 136.06
Punch	127.00	15.24
Scrap	1230.00	18.45
	1371.19	$169.75

Previous Production

Sheet	483.45	$5,829.72
Hand cobbed	9,812.00	2,254.25
Punch	4,373.00	131.19
Scrap	20,525.00	307.88
	35,193.45	$8,523.04

Production to date:

Sheet	497.64	$5,965.78
Hand cobbed	9,812.00	2,254.25
Punch	4,500.00	146.43
Scrap	21,755.00	326.33
	36,564.64	$8,692.79

Remarks: After completion of the DMEA contract on February 28, 1955, the contractor continued to operate the mine until June of that year. It remained idle until the summer of 1956 when it was worked for a short while by the Blue Rock Mining Company of Spruce Pine, North Carolina.

When visited by the writer April 9, 1957, there was no activity on the property

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 5 SHIROS POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
DEC 19 1955

December 15, 1955

Memorandum

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

From: Executive Officer, DMEA - Region V

Subject: Royalty payments

Transmitted are royalty checks as follows:

Idm-8374, DMEA-2359, Old Dominion Manganese Co. Inc.		$600.00
Idm-8712, DMEA-3410, Rock Mining Co. (punch)		6.56

Robert A. Laurence

Zg.
cc:
Mittenbergr
Lynch
Files

C O P Y

RECEIVED
DEC 19 1955

Rock Mining Company
Spruce Pine, N. C.

12-13-55

4373 lbs. Punch Mica @ .03 lb. $131.19

Royalty check No. 22. Amount $6.56

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

December 13, 1956

RECEIVED DEC 17 1956 DMEA

Memorandum

To: Finance Officer, DMEA - Region V

From: Executive Officer, DMEA - Region V - Knoxville, Tenn.

Subject: Royalty Payment - Idm-E712, DMEA-3410, Blue Rock Mining Co.
Rock Mine, Yancey County, N.C.
W. H. Coffey, Jr. present Operator.

Transmitted are bills-of-sale in the amount of $169.75 and a royalty check No. 1016 for $8.49 to be credited to the subject contract.

Robert A. Laurence

z
Finance Office
Lynch
Mittendorf
Files

Copy

RECEIVED DEC 16 1956 D.M.E.A.

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 8-23-56 ACCEPTANCE NO:
CERTIFICATE AUTHORIZATION No.	LOT No.	VOUCHER No.
RUBY NON-RUBY X	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	14,19	92.78 ✓
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Rock State: N. C County: Yancey	
	DMEA No. Idm-E 712	
	Seller: Blue Rock Mining Co	
	Address: Box 875 - Spruce Pine, N.C W. H. Coffey, Jr.	
Sold To: Spruce Pine Mica Co Punch + Pattern	$15.24	
Diamond Mica Co Scrap	18.45	
Total scrap - - - - -	$33.69 ✓	

92.78
43.28
15.24
18.45

169.75

copy

RECEIVED

GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT

Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 8-23-56

Acceptance No. 197(a)

Certificate 1851A LOT No.
Authorization No. SP- 197(a)

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	14.24	3.32	8.24	2.68	136.06
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process-Gain ~~Loss~~	.05				
Total Lbs Purchased	14.19				

Less: Initial Payment - Voucher No. Sch. No. 92.78

Balance Due: Government: Seller: 43.28

Seller's Name
Address: Blue Rock Mining Co
Box 875 - Spruce Pine, N.C.
c/o W. H. Coffey, Jr.

NAME OF MINE: Rock

DMEA No. 3410 Idm-E 712

County: Yancey State: N.C

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

RECEIVED
SEP - 2 1955

August 31, 1955

Memorandum

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

From: Acting Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty payment on - DMEA-3410, Idm-E712 (mica)
Rock Mining Co., Rock Mine, North Carolina

Transmitted is a bill-of-sale in the amount of $11.70, and a royalty check for 5 percent of the sale in the amount of fifty-nine (.59¢) cents, to be credited on the subject contract.

V. J. Lynch

ZM.
cc:
Mittendorf
Lynch
Shirley
Files

RECEIVED
SEP - 2 1955

June 6, 1955

Sold to : Diamond Mica Co. Spruce Pine, N, C.

780 lbs. scrap mica @ $30/ton $11.70

Royalty check .59¢
Dated 8/29/55

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

RECEIVED
JUL - 5 1955

June 30, 1955

Mr. Sam L. Phillips
Rock Mining Co.
Spruce Pine, N. C.

Re: DMEA-3410, Idm-8712 (mica)
Rock Mine, Yancey County, N. C.

Dear Mr. Phillips:

As you are not planning any further production from the Rock Mine, I am requesting the Finance Office to authorize a refund of $6.15, the amount of overpayment you made on your royalty account.

Your offer to disregard this is appreciated, but there is no reason why you should do so. In order to properly settle this account, you are entitled to the refund.

Very truly yours,

Robert A. Lawrence
EXECUTIVE OFFICER
DMEA REGION V

RAL/am
cc:
Cpr. Jan-21
Lynch
Files

c
o
p
y

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
Room 13, Post Office Building
Knoxville 2, Tennessee

RECEIVED
JUL 30 1955

June 30, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer - Knoxville

From: Executive Officer, DMEA Field Team, Region 5, Knoxville

Subject: Refund - DMEA-3410, Idm-E712 (mica) John Phillips and Howard Boone Rock Mine, Yancey County, North Carolina

The Operators of the subject contract have over-paid the royalty on sales of mica to the extent of $6.15. The mine is no longer in operation and no further royalties will be paid by the present Operators. They are threrfore due a refund of $6.15.

/s/ Robert A. Laurence

Robert A. Laurence

PAID ON VOUCHER & SCHEDULE
OF PAYMENTS X- 4

Bureau Voucher No. 13
Amount: $6.15
Date: 7/25/55

c
o
p
y

Spruce Pine, North Carolina
June 24, 1955

Mr. Robert A. Laurence, Executive Dfficer
D.M.E.A., Region VII, P. O. Bldg.
Knoxville, Tennessee

Dear Mr. Laurence:

I am enclosing a final settlement invoice on Lot.B04-22 on which we paid a refund of $122.90 to the government.

This will entitle us to a refund from IMEA of $6.15 (5% of the refund made on overpayment.

This invoice covered mica sold by Rock Mining Company on April 29, and recently processed.

Very truly yours,

/s/ Sam L. Phillips

Sam L. Phillips

P/b

GENERAL SERVICES ADMINISTRATION

Mica Purchase Depot - Spruce Pine, N. C.

WARRANTY, ACCEPTANCE AND INVOICE

Issued under Certificate of Authorization Number EPS-4-87B

Lot number SPBO-22

Date: June 20, 1955

RECEIVED JUL 29 1955

Acceptance Number BO4-22(a) Final Settlement

Receipt and Weight Ticket Number

W A R R A N T Y

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 AUTHORIZAED TO SIGN THIS WARRANTY FOR SELLER
Name: Rock Mining Company	Signature: /s/ Sam L. Phillips
Street Address: Box 35	Name (Type or print): Sam L. Phillips
City, Zone and State: Spruce Pine, N. C.	Title (Type or print): Partner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
Grades No. 3 and larger					$70.00	
Grades No. 4 and 5					$40.00	
Grades No. 5½ and 6					$15.00	
STAINED						
Grades No. 3 and larger		$12.00			$18.00	
Grades No. 4 and 5		$ 5.00			$ 8.00	
Grades No. 5½ and 6		$ 3.00			$ 5.00	
HEAVY STAINED						
Grades No. 3 and larger		$ 8.00			$13.00	
Grades No. 4 and 5		$ 4.00			$ 6.00	
Grades No. 5½ and 6		$ 2.00			$ 3.00	
TOTALS						
LOT TOTALS						
PROGRAM B - HAND-COBBED MICA						
TOTALS	Refund Due				~~xxxxx~~	122.90

A C C E P T A N C E

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
Ed S. Burleson	/s/ Ed S. Burleson	Buyer

I N V O I C E

To: General Services Administration, Region IV

For: Mica delivered as indicated above — $

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

Seller (Type name) Rock Mining Company (Rock Mine)	Date 6-20-55
By (signature) /s/ Sam L. Phillips	Name and Title (Type) Sam L. Phillips, Partner

Docket File
Surname:
Anderson
Hirsh
Talbut
Hedges
Kulscoard
Selfridge
Johnson

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

JUN 28 1955

Mr. Clarence A. Fredell, Acting Director
Materials Division
Emergency Procurement Service
General Services Administration
7th and D Streets, S. W.
Washington 25, D. C.

Re: Docket No. DMA-3410 - Mica
Jack Mining Company
Van L. Phillips, John L. Phillips
and Howard Boone
Jack Mine
Yancey County, North Carolina
Contract No. DMA-3410

Dear Mr. Fredell:

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

The exploration contract was signed on September 27, 1954, with the Government participating to the extent of 75% of $3,938.00 or $2,953.50. The project was started on October 11, 1954 and completed February 23, 1955, after the expenditure of $3,818.00 which is the total not accepted cost according to the audit review. The Government paid 75% of the total accepted cost, or $2,863.50.

The work performed on this project consisted of the construction of a toolhouse and powder and exploder magazines, 40 feet of shaft sinking and 56 feet of drifts. Work resulted in discovery of a pegmatite pod 55 feet long with a horizontal thickness of 15 feet and vertical thickness of 20 feet. Ore reserves cannot be calculated since the pegmatite consists of a series of pods occurring in echelon down the dip. Three upper pods were mined out previous to the project and the 4th pod was practically mined out during the project. Existence of more pods down dip is probable. Production during operation amounted to 30,000 pounds of "mine run" mica, yielding 448.33 pounds of trimmed sheet mica, 4,004 pounds of hand-cobbed mica and 17,755 pounds of scrap mica.

The DMEA concurs in the Field Team evaluation of the work performed and therefore has certified that a discovery or development has resulted from the work under this contract.

Sincerely yours,

C. O. Mittendorf
Administrator

Field Team, Region V (2)
Mr. Kilgaard, 5222
Mr. Eletrich, 3061
Mr. Houk (2)

WCAnderson:pk 6/17/55
Copy to: Admr. R. File
Docket
Mr. Johnson
Mr. Chambers
Operating Committee

R.C.G.

Docket Copy
Surname:
Anderson
Houk
Talbert
Hedges
Kilsgaard
Selfridge
Johnson

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

JUN 28 1955

Messrs. Sam L. Phillips, John Phillips
and Howard Boone
Rock Mining Co.
Spruce Pine, North Carolina

Re: Docket No. DMEA-3410 - Mica
Sam L. Phillips, John Phillips
and Howard Boone d/b/a
Rock Mining Co.
Rock Mine
Yancey County, North Carolina
Contract No. Idm-E712

Gentlemen:

Transmitted herewith is a certification of discovery or development on Contract No. Idm-E712 on the Rock Mine, Yancey 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, September 21, 1954, is subject to the Government's percentage royalty as set forth in the contract until the sum of $2,863.50 is paid or until September 21, 1964, whichever occurs first.

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

Administrator

Enclosure

WCAnderson:gad 6/16/55

Copy to: Admr. R. File
Docket
Mr. Johnson
Mr. Chambers
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Hedges, 3612
Mr. Houk

R.L.

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

RECEIVED
JUN 29 1955

June 27, 1955

Mr. Sam L. Phillips
Rock Mining Co.
Spruce Pine, N. C.

Re: DMEA-3410, Idm-E712 (mica)
Rock Mine, Yancey County, N. C.

Dear Mr. Phillips:

Your letter of June 24 and final settlement sheet for sale No. B04-22(a) have been received.

To save a considerable amount of paper work, May I suggest that you simply deduct $6.15 from your next royalty payment, instead of receiving a $6.15 refund now?

Very truly yours,

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

RAL/am
cc:
Lynch
Mittendorf
Files
Finance Office

COPY

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

WARRANTY, ACCEPTANCE AND INVOICE - NONRUBY

DATE: June 20, 1955

ACCEPTANCE NUMBER: B04-22(a) Final Settlement

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-87B	SPBO-22	

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: Rock Mining Co.	SIGNATURE:
STREET ADDRESS: Box 35	NAME (Type or print): Sam L. Phillips
CITY, ZONE AND STATE: Spruce Pine, N. C.	TITLE (Type or print): Partner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA - NONRUBY

QUALITY	HALF TRIM			FULL TRIM		
	POUNDS	PRICE PER LB.	AMOUNT	POUNDS	PRICE PER LB.	AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER					$56.00	
GRADES NO. 4 AND 5					$32.00	
GRADES NO. 5½ AND 6					$12.00	
STAINED						
GRADES NO. 3 AND LARGER		$ 9.60			$14.40	
GRADES NO. 4 AND 5		$ 4.00			$ 6.40	
GRADES NO. 5½ AND 6		$ 2.40			$ 4.00	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 6.40			$10.40	
GRADES NO. 4 AND 5		$ 3.20			$ 4.80	
GRADES NO. 5½ AND 6		$ 1.60			$ 2.40	
TOTALS						
LOT TOTALS						

PROGRAM B - HAND-COBBED MICA - NONRUBY

TOTALS	Refund Due		$ 0.24	$122.90

ACCEPTANCE

Subject to the terms and conditions of the Mica Regulation (Revision 2), dated July 22, 1953 (18 F.R. 4377), 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
Ed Burleson		Buyer

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $

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

SELLER (Type name)	DATE
Rock Mining Co. (Rock Mine-DMEA-3410, Idm-E712)	6-20-55

BY (Signature)	NAME AND TITLE (Type)
	Sam L. Phillips

GSA-WASH DC 54-2285

GSA FORM 1136
September 1953

COPY

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

RECEIVED
JUN 17 1955

June 15, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer

From: Executive Officer, DMEA Field Team, Region V

Subject: Royalty payment on- Idm-E712, DMEA-3410, Hock Mining Co.
Rock Mine, North Carolina

Transmitted is sale voucher, acceptance number B04-11(a) Final settlement, and voucher acceptance number B04-15(a) Final Settlement amounting to $372.90, and a check No. 257 in the amount of $18.65 representing the Government's royalty.

Robert A. Laurence

ZM.
cc:
Lynch
Allsman
Mittendorf
Shirley
Files

COPY

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

WARRANTY, ACCEPTANCE AND INVOICE

DATE: 6-8-55
ACCEPTANCE NUMBER: B04-15(a) Final Settlement

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-87B	SPBO-15(a)	

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: Rock Mining Company	SIGNATURE:
STREET ADDRESS: Box 35	NAME *(Type or print)*: Sam Phillips
CITY, ZONE AND STATE: Spruce Pine, N. C.	TITLE *(Type or print)*: Partner

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					$70.00	
GRADES NO. 4 AND 5					$40.00	
GRADES NO. 5½ AND 6					$15.00	
STAINED						
GRADES NO. 3 AND LARGER		$12.00			$18.00	
GRADES NO. 4 AND 5		$ 5.00			$ 8.00	
GRADES NO. 5½ AND 6		$ 3.00			$ 5.00	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 8.00			$13.00	
GRADES NO. 4 AND 5		$ 4.00			$ 6.00	
GRADES NO. 5½ AND 6		$ 2.00			$ 3.00	
TOTALS						
LOT TOTALS						
PROGRAM B - HAND-COBBED MICA						
TOTALS	Final Settlement				$ 0.30	144.62

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
Ed S. Burleson		Buyer

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $ 144.62

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

...R *(Type name)*	DATE
Mining Co. (Rock Mine-DMEA-3410, Idm-E712)	6-8-55
...ature)	NAME AND TITLE *(Type)*

...C 53-3094

COPY

GSA FORM 1013
September 1952

Copy

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

WARRANTY, ACCEPTANCE AND INVOICE

DATE: 6-8-55

ACCEPTANCE NUMBER: BO-4 11(a) Final Settlement

RECEIVED JUN 17 1955

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-87B	SPBO-11(a)	

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: Rock Mining Company	SIGNATURE:
STREET ADDRESS: Box 35	NAME *(Type or print)*: Sam L. Phillips
CITY, ZONE AND STATE: Spruce Pine, N. C.	TITLE *(Type or print)*: partner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER					$70.00	
GRADES NO. 4 AND 5					$40.00	
GRADES NO. 5½ AND 6					$15.00	
STAINED						
GRADES NO. 3 AND LARGER		$12.00			$18.00	
GRADES NO. 4 AND 5		$ 5.00			$ 8.00	
GRADES NO. 5½ AND 6		$ 3.00			$ 5.00	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 8.00			$13.00	
GRADES NO. 4 AND 5		$ 4.00			$ 6.00	
GRADES NO. 5½ AND 6		$ 2.00			$ 3.00	
TOTALS						
LOT TOTALS						

PROGRAM B - HAND-COBBED MICA

TOTALS	Final Settlement	$ 0.30	228.28

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
Ed Burleson		BUYER

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $ 228.28

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

R *(Type name)*	DATE
Mining Co. (Rock Mine-DMEA-3410, Idm-E712)	6-8-55
ature)	NAME AND TITLE *(Type)*

C 53-3094

COPY

GSA FORM 1013
September 1952

IN REPLY REFER TO:

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

RECEIVED
JUN - 6 1955

June 6, 1955

Re: DMEA-3410, Idm-E712
Rock Mining Company
Rock Mine
Yancey Co., N. C.
$3,938 - Mica

Memorandum

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

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

Subject: Review of final report of the Field Team

One pass cared for exploration, development and mining at this too clean cut project.

The report is accepted and I concur with the recommendation for a certificate of discovery.

N. E. Nelson

N. E. Nelson

Anderson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1007 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

WASHINGTON 25, D. C.

May 16, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer, Knoxville-Norris

From: Acting Executive Officer, DMEA - Region 5, Knoxville, Tenn.

Subject: Royalty payment: Idm-5712, DMEA-3110, Rock Mining Co. (mica)
Spruce Pine, N. C.

Transmitted is a bill for the settlement on lot SPBO-3, $359.33, and a check for 5% royalty in the amount of $17.97.

Wm. A. Beck

ZM.
cc:
Lynch
Wittendorf
Shirley
Rock Min ng Co.
Files

Copy

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

Authorization No. EPS-4-87B Acceptance No. ~~B04~~ B04-3(a) Date: 54-55

Seller: Rock Mining Co. Spruce Pine, N.C Final Settlement

Mine: Rock Mine DMEA No. 3410, Idno-E 712

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					$40.00	
No. 5½ and 6					$15.00	
Stained No.3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00			$ 8.00	
No. 5½ and 6		$ 3.00			$ 5.00	
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00			$ 3.00	
LOT TOTALS		//////			//////	
TOTAL		/////			/////	359.33

Final Settlement

Royalty ck. No. 250 - - - - - $17.97

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1025 FEC BLDG.
KNOXVILLE 2, TENN.

May 13, 1955

Memorandum

To: Helen Miller, Ass't Admin. Officer - Knoxville-Harris

From: Acting Executive Officer, DMEA - Region V, Knoxville

Subject: Royalty Payments.

Transmitted are bills for the sale of mica on the following:

Idm-E712, DMEA-3410, Rock Mining Co., sales-$447.93, and royalty check No. 248, in the amount of $22.40.

Idm-E712, DMEA-3410, Rock Mining Co., sales-$29.85, and royalty check # 236, in the amount of $1.49.

V. J. Lynch

22.40
1.49
23.89

2M.
cc:
Lynch
Mittendorf
Shirley
Rock Mining Co.
Files

Closing letter

COPY COPY

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

4-29-55

WARRANTY, ACCEPTANCE AND INVOICE

ACCEPTANCE NUMBER: BO-4-22 Initial Payment

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-87B	SPBO-22	

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: Rock Mining Company	SIGNATURE:
STREET ADDRESS: Box 35	NAME *(Type or print)*: Sam L. Phillips
CITY, ZONE AND STATE: Spruce Pine, North Carolina	TITLE *(Type or print)*: Partner

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					$70.00	
GRADES NO. 4 AND 5					$40.00	
GRADES NO. 5½ AND 6					$15.00	
STAINED						
GRADES NO. 3 AND LARGER		$12.00			$18.00	
GRADES NO. 4 AND 5		$ 5.00			$ 8.00	
GRADES NO. 5½ AND 6		$ 3.00			$ 5.00	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 8.00			$13.00	
GRADES NO. 4 AND 5		$ 4.00			$ 6.00	
GRADES NO. 5½ AND 6		$ 2.00			$ 3.00	
TOTALS						
LOT TOTALS						

PROGRAM B - HAND-COBBED MICA

TOTALS	Initial Payment			2844.00	.1575 ~~.0000~~	447.93

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
Ed S. Burleson		Buyer

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $ 447.93

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

SELLER *(Type name)*	DATE
Rock Mining Company (Rock Mine)(DMEA-3410, Idm-E712)	4-29-55
BY *(Signature)*	NAME AND TITLE *(Type)*

GSA-WASH DC 53-3094 COPY GSA FORM 1013 September 1952

COPY

DIAMOND MICA COMPANY
Spruce Pine, N. C.

Defense Minerals
REC
MAY 16 1955

4/29/55

Gird Biddix

Rock Mine

Gross 8160 lbs.
Tare 6170 "

Net 1990 lbs. @ $30/ton $29.85

4/29/55 Royalty ck. No. 236.....$1.49

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 10 1955

May 9, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3410 (mica)

Applicant: Rock Mining Company

Name and Location of Property: Rock Mine
Yancey County, North Carolina

Contract Number: Idm-E712

Date of Field Team Final Report: 4-20-55

Date Rec'd. by Br. of Ceramic and Fertilizer Materials: 4-29-55

Field Team Recommendation:
1. Certification

Comments:
1. Mica recovered during DMEA exploration project amounted to $6,357.46.

2. Expenditures

Total approved	$3,938.00
Total cost	3,818.00
Gov't. share of the cost	2,863.50
Value of production during operation	6,357.46

Recommendation:

I concur in the field team recommendation to issue a certificate of discovery or development.

W. F. Dietrich

W. F. Dietrich

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 2 - 1955

April 28, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer -

From: Executive Officer, DMEA - Region 5 - Knoxville, Tenn.

Subject: Royalty checks.

Transmitted are bill-of-sales, and checks on the following:

Idm-E674, DMEA-3287, Mud Cut Mining Co. Sales, $45.00 Royalty $2.25

Idm-E712, DMEA3410, Rock Mining Co. Initial Pay't $172.04, royalty $8.60. (BO4-15)

Robert A. Laurence

RAL/xm
XXX
cc:
Lynch
Mittendorf
Shirley
Files

COPY

GENERAL SERVICES ADMINISTRATION

Mica Purchase Depot - Spruce Pine, North Carolina

WARRANTY, ACCEPTANCE AND INVOICE - NONRUBY

4-20-55

ACCEPTANCE NUMBER: B04-15 Initial Payment

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4 57B	SPBO-15	

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: Rock Mining Company	SIGNATURE:
STREET ADDRESS:	NAME *(Type or print)*: John Phillips
CITY, ZONE AND STATE: Spruce Pine, N. C.	TITLE *(Type or print)*: Partner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA - NONRUBY

QUALITY	HALF TRIM			FULL TRIM		
	POUNDS	PRICE PER LB.	AMOUNT	POUNDS	PRICE PER LB.	AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER					$56.00	
GRADES NO. 4 AND 5					$32.00	
GRADES NO. 5½ AND 6					$12.00	
STAINED						
GRADES NO. 3 AND LARGER		$ 9.60			$14.40	
GRADES NO. 4 AND 5		$ 4.00			$ 6.40	
GRADES NO. 5½ AND 6		$ 2.40			$ 4.00	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 6.40			$10.40	
GRADES NO. 4 AND 5		$ 3.20			$ 4.80	
GRADES NO. 5½ AND 6		$ 1.60			$ 2.40	
TOTALS						
LOT TOTALS						

PROGRAM B - HAND-COBBED MICA - NONRUBY

TOTALS	Initial Payment			1147.00	.14999 ~~$ Amou~~	172.04

ACCEPTANCE

Subject to the terms and conditions of the Mica Regulation (Revision 2), dated July 22, 1953 (18 F.R. 4377), 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
Ed S. Burleson		Buyer

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $ 172.04

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

SELLER *(Type name)*	DATE
Rock Mining Company (Rock Mine) DMEA-3410, IdmE 712	4-20-55
BY *(Signature)*:	NAME AND TITLE *(Type)*: John Phillips, Partner

GSA-WASH DC 54-2285

COPY

GSA FORM 1136 September 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

COPY

~~WASHINGTON 25, D.C.~~
Room 13, Post Office Bldg.
Knoxville 2, Tenn.

April 20, 1955

Memorandum

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

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

Subject: Final Reports, DMEA-3410, Idm-E712 (mica) Rock Mining Co.
Spruce Pine, North Carolina

Enclosed herewith are four copies each of the Operator's and Field Team final reports on the subject exploration contract.

We are in agreement with the field examiners' recommendation that a certificate of discovery should be issued.

/s/ Robert A. Laurence,
Executive Officer
DMEA Region V

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

Reviewed by
DMEA OPERATING COMMITTEE
4/27/55
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
On

DMEA-3410, ROCK MINE (mica)
Yancey County, North Carolina

Final Field Team Rpt.

BY

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

and

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

April 15, 1955

Reviewed by
DMEA OPERATING COMMITTEE
4/27/55
(date)

FINAL REPORT
On
DMEA-3410 (mica) ROCK MINE

Operator: Rock Mining Company, c/o Sam L. Phillips, Spruce Pine, N. C.

Location: In Yancey County, North Carolina, east-southeast of Micaville in the Blue Rock Branch Valley, 0.4 mile west of Butler Gap.

A thick elongated pegmatite pod which is downdip from three previously mined pods was discovered and explored by the work completed under this contract. Mica with a value in excess of $5000 was produced during the exploration and based on geological inference additional pods probably are present; thus, it is recommended that a certification of discovery be issued. Additional exploratory work with Government assistance is not warranted.

Work began on this contract October 11, 1954 and was ended Feb. 28, 1955. A toolhouse, powder magazine and exploder magazine were constructed. An existing haulage incline was extended an additional 40 feet in a N. 35° W. direction at a -35° inclination. From the bottom of this incline a total of 56 feet of drift were driven consisting of a 7-foot drift in a S. 55° W. direction and a 49-foot drift in a N. 55° E. direction.

A thick elongated pegmatite pod which occurs downdip along the foliation of the country rock from three previously mined pods was explored along its entire length by the laterals.

The pod strikes N. 55° E and its long axis plunges about 15° to the southwest with an intermediate axis which is about vertical. It is about 55 feet long and in its thickest portion has a horizontal thickness of about 15 feet and a vertical thickness in excess of 20 feet.

The attitude and size of this body is comparable to the ones which were known prior to the exploration. The pods are essentially conformable to the enclosing country rock, mica schist and gneiss but the thin pegmatite (see attached map) which connects the bodies along the dip are distinctly crosscutting. Interfingering of pegmatite and wall rock occurs at the ends of the bodies. Mineral composition of the pegmatite is plagioclase, quartz, muscovite, biotite and garnet, in oder of abundance. Muscovite occurs throughout the pegmatite with a tendency to be concentrated in the central portions.

Sales to date total $6357.46 but one represents only a partial payment. They are as follows:

Reviewed by
DMEA OPERATING COMMITTEE
4/27/55
(date)

Strategic Trimmed Sheet Mica - Total Value $5427.58

	#3 & larger	4 & 5	5½ & 6
Good stained & better	1.52 lbs.	37.80 lbs.	199.90 lbs.
Stained	0.12 "	15.61 "	141.08 "
Heavy stained	---	7.02 "	46.28 "

Strategic Hand-Cobbed Mica-

2316 lbs. - $239.55
1688 " - 422.00 (partial payment)

Scrap

17,755 lbs. - 266.33

The mica is, in general, of rather poor quality being considerably mineral-stained and badly cracked.

Most of the pod as of the date of this report has been mined out; thus, no reserves were developed during exploration. About 30,000 pounds of "mine-run" mica were recovered from the body. Geological inference suggests additional bodies of similar size and mica content down the dip.

Expenditures:

(a)	Total approved	$3938.00
(b)	Total cost of project	3818.00
(c)	Government's share of cost	2863.50
(d)	Government's share unexpended	90.00
(e)	Value of production to date	6357.46
(f)	Royalty received to date	318.43

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

April 15, 1955

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

L. E. Shirley, 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.

Defense Minerals Administration
RECEIVED
APR 22 1955

April 20, 1955

Memorandum

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

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

Subject: Final Reports, DMEA-3410, Idm-E712 (mica) Rock Mining Co. Spruce Pine, North Carolina

Enclosed herewith are four copies each of the Operator's and Field Team final reports on the subject exploration contract.

We are in agreement with the field examiners' recommendation that a certificate of discovery should be issued.

Robert A. Laurence
Robert A. Laurence,
EXECUTIVE OFFICER
DMEA REGION V

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 22 1955

Spruce Pine, North Carolina
April 1, 1955

Mr. Robert A. Laurence, Executive Officer
D.M.E.A., Region VII
Post Office Bldg., Knoxville, Tennessee

Re: DMEA-3410, Idm-E 712
Rock Mine
Yancey County, N.C.

Operations Final Rept.

Dear Mr. Laurence:

The following is a final report of work done at the Rock Mine in Yancey County:

Work began on this project on October 11, 1954. We moved in hoist, air compressor and sump pump. We installed car line, and constructed tool house, powder and exploder magazines. We sank an incline shaft 40 feet, in vein material and hard rock most of the way and recovered some mica. We then drifted in the direction recommended by the field team for a total of 56', at which time they advised that we discontinue the drift. Work was completed Feb. 28, 1955.

We encountered no serious difficulty, other than much water due to heavy rains, in completing this contract. The mica was of a poor quality, containing spots and a large portion of scrap. We sold about $ 5,000.00 worth of mica from the entire operation, including punch and scrap.

We wish to thank the field team for their cooperation and assistance in working this mine. If any further information is needed, please contact us.

Very truly yours,

ROCK MINING CO.

Sam L. Phillips

Sam L. Phillips

RECEIVED
APR 20 1955
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

P/b

hold for memo 4-22 to Hazel.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 25 C.B.D.G.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 21 1955

April 18, 1955

Memorandum

To: Helen Miller, Ass't Admin. Officer - Region V - Knoxville

From: Executive Officer, DMEA - Region 5, Knoxville, Tennessee

Subject: Royalty payment (partial) on Idm-5712, DMEA-3410 (mica)
John Phillips and Howard Boone (Rock Mine) N. C.

Transmitted is a sale slip in the amount of $363.40, and a check for 5% in the amount of $18.17 on the subject contract.

Robert A. Laurence

ZM.
cc:
Lynch
Mittendorf
Shirley
John Phillips
Files

gal

COPY COPY

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

WARRANTY, ACCEPTANCE AND INVOICE

DATE 4-11-55

ACCEPTANCE NUMBER BO-4-11 Initial Payment

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-87B	SPBO-11	

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 Rock Mining Company	SIGNATURE s/ Sam Phillips
STREET ADDRESS Box 35	NAME *(Type or print)* Sam L. Phillips
CITY, ZONE AND STATE Spruce Pine, N. C.	TITLE *(Type or print)* Partner

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					$70.00	
GRADES NO. 4 AND 5					$40.00	
GRADES NO. 5½ AND 6					$15.00	
STAINED						
GRADES NO. 3 AND LARGER		$12.00			$18.00	
GRADES NO. 4 AND 5		$ 5.00			$ 8.00	
GRADES NO. 5½ AND 6		$ 3.00			$ 5.00	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 8.00			$13.00	
GRADES NO. 4 AND 5		$ 4.00			$ 6.00	
GRADES NO. 5½ AND 6		$ 2.00			$ 3.00	
TOTALS						
LOT TOTALS						

PROGRAM B - HAND-COBBED MICA

TOTALS	Initial Payment			1817.00	$ 0.20	363.40

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
Ed S. Burleson		Buyer

INVOICE

TO General Services Administration, Region IV

FOR Mica delivered as indicated above — $ 363.40

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

SELLER *(Type name)*	DATE
Rock Mining Company (Rock Mine) DMEA-3410, Idm-E712	4-11-55
BY *(Signature)*	NAME AND TITLE *(Type)* Sam L. Phillips, Partner

WASH DC 53-3094

COPY

GSA FORM 1013
September 1952

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

April 15, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer - Knoxville-Morris

From: Executive Officer, DMEA - Region 5, Knoxville

Subject: Royalty Payment on - DMEA-3410, Ids-E712, Rock Mining Co. (mica) Spruce Pine, N. C.

Transmitted is a bill of sale in the amount of $402.14, and a check for 5% royalty in the amount of $20.11, from the subject contract.

Robert A. Laurence

RM.
ect
Kittendorf
Lynch
Shirley
Files

Copy

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

Authorization No. 1511-A Acceptance No. 1302 Date: 4-8-55

Seller: Rock Mining Co. (John Phillips) Spruce Pine

Mine: Rock DMEA No. ~~9410 - Edm~~ 712

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				.31	$70.00	21.70
No. 4 and 5				2.89	$40.00	115.60
No. 5½ and 6				12.54	$15.00	188.10
Stained No. 3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		1.67	$ ~~8.00~~ 6.40	10.69
No. 5½ and 6		$ 3.00		15.18	$ ~~5.00~~ 4.00	60.72
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.69	$ ~~6.00~~ 4.80	3.31
No. 5½ and 6		$ 2.00		.84	$ ~~3.00~~ 2.40	2.02
LOT TOTALS		//////////			//////////	
TOTAL		//////////		34.12	//////////	402.14

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 13 POST OFFICE BLDG.
WASHINGTON 25, D. C.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 11 1955

April 8, 1955

Memorandum

To: Mrs. Helen Miller, Assistant Administrative Officer, Knoxville, Tennessee

From: Acting Executive Officer, DMEA Field Team, Region V, Knoxville, Tennessee

Subject: Royalty payments on Contract Idm-E712, DMEA-3410 (Mica)
Rock Mining Company
Rock Mine, Yancey County, North Carolina

Transmitted are checks in the amounts of $5.79, $6.19, and $21.10, representing 5% royalty due the Government on the following amounts received for the sale of mica on the subject contract, $115.80, $125.75, and $422.00. Sales slips covering these sales are also enclosed.

5.79
6.19
21.10
33.08

W. J. Lynch

WJB/mg
Enclosures
cc - Mr. Lynch
Mr. Shirley
Mr. Mittendorf
Rock Mining Company, Spruce Pine, N.C.
Files

gal

Copy

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

WARRANTY, ACCEPTANCE AND INVOICE - NONRUBY

DATE: 3-10-55

ACCEPTANCE NUMBER: B04-1

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER: EPS-4-75B

LOT NUMBER: SPB0-1

RECEIPT AND WEIGHT TICKET NUMBER:

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: J. R. Beam	SIGNATURE: J. R. Beam
STREET ADDRESS:	NAME *(Type or print)*: J. R. Beam
CITY, ZONE AND STATE: Spruce Pine, N.C.	TITLE *(Type or print)*: Owner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA - NONRUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER					~~$56.00~~ 70.00	
GRADES NO. 4 AND 5					~~$32.00~~ 40.00	
GRADES NO. 5½ AND 6					~~$12.00~~ 15.00	
STAINED						
GRADES NO. 3 AND LARGER		$ 9.60			$14.40	
GRADES NO. 4 AND 5		$ 4.00			$ 6.40	
GRADES NO. 5½ AND 6		$ 2.40			$ 4.00	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 6.40			$10.40	
GRADES NO. 4 AND 5		$ 3.20			$ 4.80	
GRADES NO. 5½ AND 6		$ 1.60			$ 2.40	
TOTALS						
LOT TOTALS						

PROGRAM B - HAND-COBBED MICA - NONRUBY

TOTALS	Partial Payment		2,316.00	$ ~~.24~~ .05	115.80

ACCEPTANCE

Subject to the terms and conditions of the Mica Regulation (Revision 2), dated July 22, 1953 (18 F.R. 4377), 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
Ed. S. Burleson	Ed S. Burleson	Buyer

INVOICE

TO: General Services Administration, Region 4

FOR: Mica delivered as indicated above — $ 115.80

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

SELLER *(Type name)*	DATE
J. R. Beam (Rock Mine)	3-10-55

BY *(Signature)*	NAME AND TITLE *(Type)*
J. R. Beam	J. R. Beam (Owner)

GSA-WASH DC 54-2285

GSA FORM 1136
September 1953

Copy

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

WARRANTY, ACCEPTANCE AND INVOICE - NONRUBY

DATE: 3-30-55

ACCEPTANCE NUMBER: B04-1(a)

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER: EPS-4-75B

LOT NUMBER: SPBO-1(a)

RECEIPT AND WEIGHT TICKET NUMBER:

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: J.R. Beam	SIGNATURE: J.R. Beam
STREET ADDRESS:	NAME (*Type or print*): J.R. Beam
CITY, ZONE AND STATE: Spruce Pine N.C.	TITLE (*Type or print*): Owner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA - NONRUBY

QUALITY	HALF TRIM			FULL TRIM		
	POUNDS	PRICE PER LB.	AMOUNT	POUNDS	PRICE PER LB.	AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER					$ ~~56.00~~ 70.00	
GRADES NO. 4 AND 5					$ ~~32.00~~ 40.00	
GRADES NO. 5½ AND 6					$ ~~16.00~~ 18.00	
STAINED						
GRADES NO. 3 AND LARGER		$ 9.60			$14.40	
GRADES NO. 4 AND 5		$ 4.00			$ 6.40	
GRADES NO. 5½ AND 6		$ 2.40			$ 4.00	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 6.40			$10.40	
GRADES NO. 4 AND 5		$ 3.20			$ 4.80	
GRADES NO. 5½ AND 6		$ 1.60			$ 2.40	
TOTALS						
LOT TOTALS						

PROGRAM B - HAND-COBBED MICA - NONRUBY

TOTALS	Balance due on above hand-cobbed lot	~~$ 0.00~~	123.75

ACCEPTANCE

Subject to the terms and conditions of the Mica Regulation (Revision 2), dated July 22, 1953 (18 F.R. 4377), 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
Ed S. Burleson	Ed S. Burleson	Buyer

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $ 123.75

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

SELLER (*Type name*)	DATE
J.R. Beam (Rock Mine)	3-30-55
BY (*Signature*): J.R. Beam	NAME AND TITLE (*Type*): J.R. Beam, Owner

GSA-WASH DC 54-2285

GSA FORM 1136
September 1953

Copy

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

WARRANTY, ACCEPTANCE AND INVOICE - NONRUBY

DATE: 3-30-55
ACCEPTANCE NUMBER: BO 4-3

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-87B	SPBO-3	

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: Rock Mining Company	SIGNATURE: Sam L. Phillips
STREET ADDRESS: Box 35	NAME (*Type or print*): Sam L. Phillips
CITY, ZONE AND STATE: Spruce Pine, N.C.	TITLE (*Type or print*): Partner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA - NONRUBY

QUALITY	HALF TRIM			FULL TRIM		
	POUNDS	PRICE PER LB.	AMOUNT	POUNDS	PRICE PER LB.	AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER					~~$56.00~~ 74.00	
GRADES NO. 4 AND 5					~~$35.00~~ 46.00	
GRADES NO. 5½ AND 6					~~$15.00~~ 15.00	
STAINED						
GRADES NO. 3 AND LARGER		$ 9.60			$14.40	
GRADES NO. 4 AND 5		$ 4.00			$ 6.40	
GRADES NO. 5½ AND 6		$ 2.40			$ 4.00	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 6.40			$10.40	
GRADES NO. 4 AND 5		$ 3.20			$ 4.80	
GRADES NO. 5½ AND 6		$ 1.60			$ 2.40	
TOTALS						
LOT TOTALS						

PROGRAM B - HAND-COBBED MICA - NONRUBY

TOTALS	Partial Payment			1688.00	~~$0.24~~ .25	422.00

ACCEPTANCE

Subject to the terms and conditions of the Mica Regulation (Revision 2), dated July 22, 1953 (18 F.R. 4377), 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
Ed. S. Burleson	Ed. S. Burleson	Buyer

INVOICE

TO: General Services Administration, Region 10

FOR: Mica delivered as indicated above — $ 422.00

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

SELLER (*Type name*)	DATE
Rock Mining Company (Rock Mine)	3-30-55
BY (*Signature*): Sam L. Phillips	NAME AND TITLE (*Type*): Sam L. Phillips, Partner

GSA-WASH DC 54-2285

GSA FORM 1136
September 1953

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

THE INTERIOR
Administration
APR 8 1955

April 6, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer - Region 5

From: Acting Executive Officer, DMEA - Region 5, Knoxville, Tenn.

Subject: Royalty Check

Transmitted is a bill of sale for scrap mica sold from:

Idm-E712, DMEA-3410, Rock Mining Co. (John Phillips and Howard Boone)

Amount of sale $32.33. Amount of check $1.62.

V. J. Lynch

VJL/sm
cc:
Lynch
Mittendorf
J. Phillips
Files
Shirley

C O P Y

April 2, 1955

Spruce Pine, North Carolina

Bought from Blue Rock Mining Co.

2155 lbs. scrap mica @ $30/ton.....$32.33

5% of $32.33.....$1.62 royalty due the Government

(Check No. 186 for $1.62 enclosed)
Dated 4-4-55

Bureau Mines

C O P Y

INTERIM REPORT

DMEA-3410, Idm-E712 (mica) ROCK MINE

Operator: Rock Mining Company, c/o Sam I. Phillips, Spruce Pine, N. C.

Location: In Blue Rock Branch Valley and 0.4 mile west of Butler Gap, east-southeast of Micaville, Yancey County, N. C.

No drift advance has been made on this contract since March 4, 1955 and total drift completed to date remains at 56 feet. The Operator was advised not to continue the remaining 4 feet of drift, and the operation was suspended on the below date. Sufficient mica has been produced and sold to constitute a discovery and certification will be recommended.

Work accomplished under contract consisted of construction of a toolhouse, and powder and exploder magazines, sinking 40 feet of -35° incline in a N. 35° W direction, and driving 56 feet of drift to the northeast and southwest. All of the drift work was in pegmatite composed of feldspar, quartz, and muscovite mica. Enclosing rock was a biotite schist. Approximately $4700 worth of mica was sold to the GSA Depot at Spruce Pine, N. C., while the contract was in force. Some mica on hand remains to be processed and sold.

Lawrence G. Houk and Thor H. Kiilsgaard accompanied the examiners on this visit to the mine.

March 27, 1955.

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

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

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MAR 2 [illegible]

March 25, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer - Region 5

From: Executive Officer, DMA - Region 5, Knoxville, Tenn.

Subject: Royalty payments

Transmitted are bills of sale and checks on the followings

Ida-2734, DM-A-3452. Potomac Mining Co. Sales $596.60, royalty check for 5% of sales $29.83

Ida-2712, DM-A-3410, Rock Mining Co. Sales $592.61, royalty check for 5% of sales $29.63.

Robert A. Lawrence

RM.
cc:
Lynch
Shirley
Mittendorf
Files

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 28 1955

Copy

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

Authorization No. 1511A Acceptance No. 1181 Date: 3-17-55

Seller: Rock Mining Co. Box 35, Spruce Pine NC

Mine: Rock Mine DMEA No. 3410, Idm E 712

Non Ruby Mica

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				2.02	$40.00	80.80
No. 5½ and 6				24.48	$15.00	367.20
Stained No.3 and larger		$12.00			14.40 ~~$18.00~~	
No.4 and 5		$ 5.00		1.85	$ ~~8.00~~ 6.40	11.84
No.5½ and 6		$ 3.00		28.01	$ ~~5.00~~ 4.00	112.04
Heavy Stained No.3 & larger		$ 8.00			10.40 ~~$13.00~~	
No.4 and 5		$ 4.00		.44	$ ~~6.00~~ 4.80	2.11
No.5½ and 6		$ 2.00		7.76	$ ~~3.00~~ 2.40	18.62
LOT TOTALS		//////////		64.56	//////////	592.61
TOTAL		//////////			//////////	

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

MAR 18 1955

March 16, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer - Knoxville

From: Executive Officer, DMEA - Region V - Knoxville, Tenn.

Subject: Royalty payments on DMEA Contracts

Transmitted are bill-of-sales on the following contracts with checks for royalty attached:

Idm-2726, DMEA-3422, Buchanan & Johnson, R. B. Phillips Mine, sales in the amount of $4,123.76 and a check for $206.19.

Idm-2712, DMEA-3410, Rock Mining Co., sales in the amount of $30.00, and a check for royalty in the amount of $1.50.

Robert A. Laurence

Z.M.
Lynch
Shirley
Mittendorf
Sam L. Phillips
Files
Allsman

gal 3-18-55

March12, 1955

Sold to: English Mica Company

2000 lbs. scrap mica at $30/T $30.00

Rock Mining Company
Spruce Pine, N. C.

(DMEA-3410, Idm-E712)

C O P Y

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

ROOM POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1955

March 9, 1955

Memorandum

To: Helen Miller, Certifying Officer- Reg. V - Knoxville

From: Executive Officer, DMEA- Region V - Knoxville

Subject: Royalty payment on - Idm-8712, DMEA-3410, Rock Mining Co.

Transmitted is a bill-of-sales in the amount of $1195.41, and a check for $59.77 representing 5% royalty due the Government on the sale on the subject contract.

Robert A. Laurence

TM.
cc:
Lynch
Shirley

Mittendorf
Rock Mining Co.
Files

gad 3-11-55

Copy

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 1511A Acceptance No. 1097 Date: 3-1-55

Seller: Rock Mining Co. Box 35 - Spruce Pine, N.C.

Mine: Rock Mine - DMEA No. 3410-IdmE-712

Yancey 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				.09	$70.00	6.30
" No. 4 and 5				8.24	$40.00	329.60
" No. 5½ and 6				44.89	$15.00	673.35
Stained No. 3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		2.65	$ 8.00	16.96
No. 5½ and 6		$ 3.00		24.54	$ 5.00	92.16
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		1.17	$ 6.00	5.62
No. 5½ and 6		$ 2.00		14.76	$ 3.00	35.42
LOT TOTALS						
TOTAL				96.34		1165.41

Scrap Mica

Sold to:

English Mica Co. 2000 lbs. @ $30/T

Punch Mica

30.00

Total $1195.41

Royalty check #5977

INTERIM REPORT
ON

DMEA-3410, Idm-E712 (mica) ROCK MINE

Operator: Rock Mining Company, c/o Sam Phillips, Spruce Pine, N.C.

Location: In Blue Rock Branch Valley and 0.4 mile west of Butler Gap, east-southeast of Micaville, Yancey County, N. C.

Drifting continues to the northeast on this contract and is now at 55 feet, with 5 feet of drift remaining to be driven under contract. Benching from new depth is continuing with heading advance. The body appears to be narrowing in the present face and its thickness is now about 9 feet. No change in the material encountered was noted. Mica recovery from new work is averaging about 400 lbs of mine-run block per shift.

Progress on this contract is satisfactory.

Inpsected March 4, 1955

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

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

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

Andrews

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SCHEDULE 44

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1955 Docket No. DMEA 3410 Contract No. 3743

Operator's Name John Phillips and Howard Boone Minerals Mica

Address Rock Mining Co., Spruce Pine, N. C.

Contract Amount, $ 3333.00 Government Participation: 75 % Amount, $ 2553.50

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
14' Drifting @ 30.00	420.00	1260.00	1680.00			
Incline Shaft		2000.00	2000.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Toolhouse		100.00	100.00			
Powder & Exploder Mags.		33.00	33.00			
(8) Contingencies (specify):						
TOTALS	420.00	3393.00	3813.00	420.00	3398.00	3818.00

Minerals Administration RECEIVED MAR 11 1955

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

Date 3-2-55 *Payee Rock Mining Co. c/o John Phillips

Per John Phillips Title Partner

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

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

(Instructions on reverse)

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

$ 315.00

Signature Helen R. Miller
(Authorized Certifying Officer)

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

5

105.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Bm-E712 in accordance with the terms of the contract.

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date MAR 8 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1955

Month of February 195 5 Docket No. DMEA 2610 Contract No. 2610-712
Operator's Name John Phillips and Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
141 Drifting 30.00	Ft.	420.00	14	1680.00	56	30.00	60	30.00
Crosscutting								
Raising								
Shafts				2000.00	40	50.00	40	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		420.00		3680.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. Powder & Exploder Magazines				100.00				
				20.00				
Total Costs		420.00		3800.00				

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 3-3-55 Operator John Phillips & Howard Boone

Per John Phillips Title Partner

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED

OPERATOR'S
Monthly Report of Progress

February, 1955

DTEA-3410

Idm-E712

Work Accomplished:

We completed 14' of drift this month. Slow progress has been due to the wide vein, which is about 10' wide. We have not been doing much shooting in order to protect the mica. The vein is in solid rock. We have been recovering about one ton of mica per week, which we value at about $500.00 per ton. We have had to pump quite a bit of water during the recent heavy rainfall, being surface water which seeps in.

Daily Notes:

Feb. 1 - 4 - Drilled, mucked. Recovered several hundred lbs. of mica. Still in hard material, vein wide ing.

Feb. 7 - 11 - Pumped water, continued with drift. Vein about 10 feet wide. Recovered mica. Have five trimmers working full time processing mica.

Feb.14 - 18 - Pumped water, drilled, mucked. Made a sale of mica which totals $975.00

Feb.21 - 28 - Continued with drift at rather slow progress, recovering several hundred pounds of mica per day. Four men worked full time, one shift.

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

February 24, 1955

Memorandum

To: Helen Miller, Certifying Officer, Reg. V- Knoxville

From: Executive Officer, DMEA- Region V. Knoxville, Tennessee

Subject: Royalty payments on - Idm-E712, DMEA-3410, Rock Mining Co. (mica) Rock Mine, North Carolina

Transmitted are the following royalty payments on the subject contract:

Bill of sale in the amount of $975.55, check for 5% royalty in the amount of $48.78.

Bill of sale for scrap in the amount of $30, check for $1.50.

Robert A. Laurence

ZM.
cc:
Lynch
Mittendorf
Shirley
Rock Mining Co.
Files

Spruce Pine, North Carolina

February 19, 1955

Sold to : English Mica Company

2000 lbs. scrap mica @ $30/ton $30.00

C
O
P
Y

Royalty Ck. $1.50.

Lynch

Mr. Mittendorf

copy

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 1511 A Acceptance No. 1043 Date: 2-18-55

Seller: Rock Mining Co. (Phillips & Boone)

Mine: Rock Mine DMEA No. 3440-DdmE 712

Spruce Pine, N.C.

Quality of Mica

	HALF TRIM			FULL TRIM		
	Pounds	Price/lb.	Amount	Pounds	Price/lb.	Amount
Good Stained & Better Grades No. 3 & larger				.56	$70.00	39.20
" No. 4 and 5				8.27	$40.00	330.80
" No. 5½ and 6				32.19	$15.00	482.85
Stained No. 3 and larger		$12.00		.06	$18.00	1.08
No. 4 and 5		$ 5.00		3.10	$ 8.00	19.84
No. 5½ and 6		$ 3.00		21.06	$ 5.00	84.24
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		1.95	$ 6.00	9.36
NO. 5½ and 6		$ 2.00		3.50	$ 3.00	8.40
LOT TOTALS						
TOTAL				70.69		975.55

Scrap Mica

Punch Mica

Royalty check
2-22-55 — $48.78

$ 975.55

INTERIM REPORT

DMEA-3410, Idm-E712 (mica) ROCK MINE

Operator: Rock Mining Company, c/o Sam Phillips, Spruce Pine, N. C.

Location: In Blue Rock Branch Valley, and 0.4 mile west of Butler Gap, east-southeast of Micaville, Yancey County, N. C.

No drift advance was noted on this contract for the past two weeks work. Mining has consisted entirely of lowering the floor of the drift and handling muck. Some mica has been recovered from this work, but mineral stain continues to be very evident. The Operator began lowering the drift floor when vertical extent of the body began showing in the roof.

The Operator was advised to continue ~~sealing~~ scaling the drift after each shot. Progress on this contract is satisfactory.

Inpsected: Feb. 17, 1955

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

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

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

Defense Minerals Administration
RECEIVED
FEB 17 1955

February 16, 1955

Memorandum

To: Helen Miller, Certifying Officer, Region V - Knoxville

From: Acting Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty check on - Idm-E712, DMEA-3410, Rock Mining Co. (mica) Spruce Pine, North Carolina

Transmitted is a bill-of-sale in the amount of $545.50, and a check in the amount of $27.28 representing 5% royalty due the Government on the above sale.

V. J. Lynch

ZM.
cc:
Lynch
Mittendorf
Allsman
Shirley
Files

gad
2-18-55

copy

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 153A Acceptance No. 995 Date: 2-14-55

Seller: Sam L. Phillips (Rock Mining Co.)

Mine: Rock Mine DMEA No. 3410, Idaho E-712

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				3.36	$40.00	134.40
" No. 5½ and 6				22.52	$15.00	337.80
Stained No. 3 and larger		$12.00		.06	$18.00	.86
No. 4 and 5		$ 5.00		1.06	$ 6.00	6.78
No. 5½ and 6		$ 3.00		13.83	$ 5.00	55.32
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.45	$ 6.00	2.16
No. 5½ and 6		$ 2.00		1.66	$ 3.00	3.98
LOT TOTALS						
TOTAL				43.00		545.50

Scrap Mica

Punch Mica

Total --- $545.50

Royalty check #2728

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

February 12, 1955

Memorandum

To: Helen Miller, Certifying Officer, Region V - Knoxville

From: Acting Executive Officer, D M. E. A. Region V

Subject: Royalty Payment on Idm-X712, DMEA-3410, Rock Mining Co.

Transmitted are bills for the sale of mica in the amount of $1,201.39, and four checks totalling $60.07, which is 5% of the total sales.

W. J. Lynch

ZM.
cc:
Lynch
Mittendorf
Shirley
Files

Copy

Copy

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 153A Acceptance No. 971 Date: 2-3-55

Seller: Sam L. Phillips - Spruce Pine, N.C.

Mine: Rock Mine DMEA No. DMEA-340, DMEA 712

(Rock Mining Co.) N.C.

Quality of Mica

	HALF TRIM			FULL TRIM		
	Pounds	Price/lb.	Amount	Pounds	Price/lb.	Amount
Good Stained & Better Grades No. 3 & larger				.12	$70.00	8.40
" No. 4 and 5				8.25	$40.00	330.00
" No. 5½ and 6				43.48	$15.00	652.20
Stained No. 3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		2.13	~~$8.00~~ 6.40	13.63
No. 5½ and 6		$ 3.00		24.31	~~$5.00~~ 4.00	97.24
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.93	~~$6.00~~ 4.80	4.46
No. 5½ and 6		$ 2.00		5.40	~~$3.00~~ 2.40	12.96
LOT TOTALS						
TOTAL				84.62		1,118.89

Royalty ck # 88 - $35.94 1,118.89

Scrap Mica Sold To: Punch Mica

1-5-55 English Mica Co.

2000 lbs. @ $30/ton Royalty ck. # 84 - $1.50 30.00

1500 lbs. @ $30/ton " " 64 1.13 22.50

2000 " @ $30/ton Royalty ck # 72 - $1.50 30.00

Total Royalty $60.07

Total Sales $1,201.39

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1955

DEFENSE MINERALS EXPLORATION

INTERIM REPORT

DMEA-3410, Idn-E 712, ROCK MINE (mica)

Operator: Rock Mining Company, c/o Sam Phillips, Spruce Pine, N. C.

Location: In Blue Rock Branch Valley and 0.4 mile west of Butler Gap, east-southeast of Micaville, Yancey County, N. C.

Drifting to the northeast continues on this contract and now totals 43 feet. The thickness of the pegmatite continues to average about 10 feet. Considerable mica of rather poor quality is being recovered from the lateral. To date about $1800 worth of trimmed sheet mica has been sold to the GSA Depot at Spruce Pine, North Carolina.

Progress on this contract is satisfactory.

Examined: February 4, 1955.

K. H. Teague D. H. Amos

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

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 35

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED

Month of January, 195 5 Docket No. DMEA 3410 Contract No. Idm-E 712
Operator's Name John Phillips and Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.
Contract Amount, $ 3938.00 Government Participation: 75 % Amount, $ 2953.50

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
20' Drifting @ 30.00 ft.	600.00	660.00	1260.00			
40' Shaft @ 50.00 ft		2000.00	2000.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Toolhouse		100.00	100.00			
Powder & Exploder Magazines		38.00	38.00			
(8) Contingencies (specify):						
TOTALS	600.00	2798.00	3398.00	600.00	2798.00	3398.00

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

Date 2-2-55 *Payee John Phillips
Rock Mining Co.
Per John Phillips Title Partner

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

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

(Instructions on reverse)

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

$ 450.00

Signature Helen R. Miller
(Authorized Certifying Officer)

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

150.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E412 in accordance with the terms of the contract.

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title EXECUTIVE OFFICER DMEA REGION V Date FEB 7 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 9 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1955 Docket No. DMEA 3410 Contract No. Idm-E712
Operator's Name John Phillips and Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
201 Drifting @ 30.00	Ft.	600.00	20	1260.00	42	30.00	60	30.00
Crosscutting								
Raising								
Shafts	Ft.			2000.00	40	50.00	40	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		600.00		3260.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. Toolhouse				100.00				
Powder & Exploder Magazines				38.00				
Total Costs		600.00		3398.00				

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

Date 2-2-55 Operator John Phillips & Howard Boone

Per John Phillips Title Partner

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

OPERATOR'S

Monthly Report of Progress

January, 1955

DMEA-3410

Idm- E 712

Work Accomplished:

We completed 20 feet of drift during January, operating in extremely cold weather. We have been in pegmatite all the way and the vein has been about 10' wide. It has been bearing mica of poor quality but as the vein is now narrowing, we hope the quality will improve. We have recovered about 3 Tons of mica, and have sold about $1200.00 worth during the month. //

Daily Notes:

Jan. 3 - 7 - Drilled and shot, mucked. Recovered some mica.

Jan. 10-14 - Still in pegmatite, drilled, shot and mucked.

Jan. 17-21 - Continued with drift in same direction, recovering mica in considerable quantity.

Jan. 24-31 - Still in pegmatite, vein narrowing. Drilled and shot, mucked out waste. Recovered more mica.

Sold about $1200.00 worth of mica during month. // Roy

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 21 1955

January 20, 1955

Memorandum

To: Helen Miller, Knoxville Field Office - Knoxville

From: Acting Executive Officer, DMEA- Region V

Subject: Royalty check on Idm-E712, DMEA-3410, Phillips & Boone Rock Mine (Rock Mining Co.) Mica.

Transmitted is a bill-of-sale in the amount of $677.31, and a royalty check for $33.87 representing 5% due the Government on the sale.

Wm. A. Beck

2M.
cc:
Beck
Mittendorf
Shirley
Files
Sam Phillips

Copy

Copy

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

WARRANTY, ACCEPTANCE AND INVOICE

DATE: 1-13-55

ACCEPTANCE NUMBER: A04-896

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER: EPS-4-153 A

LOT NUMBER: 896

RECEIPT AND WEIGHT TICKET NUMBER:

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: Sam L Phillips	SIGNATURE:
STREET ADDRESS:	NAME (Type or print):
CITY, ZONE AND STATE: Spruce Pine, 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					$70.00	
GRADES NO. 4 AND 5				4.56	$40.00	182.40
GRADES NO. 5½ AND 6				23.21	$15.00	348.15
STAINED						
GRADES NO. 3 AND LARGER		$12.00			$18.00	
GRADES NO. 4 AND 5		$ 5.00		3.36	$ 8.00	21.50
GRADES NO. 5½ AND 6		$ 3.00		20.90	$ 5.00	83.60
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 8.00			$13.00	
GRADES NO. 4 AND 5		$ 4.00		2.08	$ 6.00	9.98
GRADES NO. 5½ AND 6		$ 2.00		13.20	$ 3.00	31.66
TOTALS				67.31		
LOT TOTALS						
PROGRAM B - HAND-COBBED MICA						
TOTALS					$ 0.30	677.31

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
Ed Buchanan		Buyer

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $677.31

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

SELLER (Type name)	DATE
Sam L Phillips (Rock Mine - DMEA-3410)	1-13-55
BY (Signature)	NAME AND TITLE (Type)

GSA-WASH DC 53-3094 Copy DMEA-3410, idm E-712.

GSA FORM 1013
September 1952

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 19 1955

January 14, 1955

Memorandum

To: Helen Miller, Bureau of Mines, Region V, Knoxville

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty check - DMEA-3410, Idm-E 712 (mica)
Rock Mining Company, c/o Sam L. Phillips, Spruce Pine, N. C.

Transmitted are two sale slips in the amount of $61.50, and a check for $3.08 representing 5% royalty due the Government on the sales.

Robert A. Laurence
Executive Officer, DMEA
Region V.

ZM.
cc:
Beck
Shirley
Sam Phillips
Mr. Mittendorf
Files

C O P Y

DMEA-3410, Idm-E712 (mica)

Rock Mining Co. Spruce Pine, N. C.
c/o Sam L. Phillips

January 8, 1955, Spruce Pine, N. C.

Sold to English Mica Co.

2000 lbs. @ $30/ton	$30.00
2100 lbs. @ $30/ton	31.50
	$61.50

5% of $61.50 = $3.08 royalty.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 26 1955

INTERIM REPORT

DMEA-3410, Idm-E 712 (mica) ROCK MINE

Operator: Rock Mining Company, c/o Sam Phillips, Spruce Pine, N. C.

Location: In Blue Rock Branch Valley and 0.4 mile west of Butler Gap, east-southeast of Micaville, Yancey County, N. C.

Incline sinking of an additional 1.5 feet has been completed on this contract making a total depth of 40 feet. Drifting to the northeast continues and now totals 22 feet. The thickness of the body has has increased to about 10 feet and considerable stained mica is being recovered from the pegmatite composed primarily of feldspar and scattered quartz. No estimate of processed mica and block on hand can be made at this time.

Progress on this contract is satisfactory.

Examined: January 5, 1955.

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

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

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Form 22F-104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 31

RECEIVED JAN 13 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 195 4 Docket No. DMEA 3420 Contract No. 10n-5712

Operator's Name John Phillips and Howard Boone Minerals Lead

Address Rock Mining Company, Spruce Pine, N. C.

Contract Amount, $ 3933.00 Government Participation: 75 % Amount, $ 2953.50

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
22' Drifting @ 30.00	660.00		660.00			
43' Incline Shaft 50.00	225.00	1775.00	2000.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Toolhouse		100.00	100.00			
Powder & Exploder Mags.		30.00	30.00			
(8) Contingencies (specify):						
TOTALS	885.00	1913.00	2798.00	885.00	1,913.00	2,798.00

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

Date 1-7-55 *Payee Rock Mining Co.

Per John Phillips Title Partner

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

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

(Instructions on reverse)

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

$ 663.75

Signature Helen R. Miller
(Authorized Certifying Officer)

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

3

221.25

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Dm-E712 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Jan. 10, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurenz Title EXECUTIVE OFFICER DMEA REGION VII Date JAN 11 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 872893

Form M-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals
JAN 3 1955

Month of December 195 4 Docket No. DMEA 3410 Contract No. 10n-5712
Operator's Name John Phillips and Edward Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
22 Drifting @ 30.00	Ft.	660.00	22	660.00	22	30.00	60	30.00
Crosscutting								
45 Raising @ 50.00	Ft.	225.00	45	2000.00	40	50.00	40	50.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		885.00		2660.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs				300.00				
New Buildings, Improvements, etc.				33.00				
Total Costs		885.00		2993.00				

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

Date 1-6-55 Operator John Phillips & Edward Boone

Per John Phillips Title Partner

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

Remarks:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

OPERATOR'S

MONTHLY REPORT OF PROGRESS

Month of December, 1954

DMEA-3410

Idm-E 712

Work Accomplished

We completed the footage on the incline shaft, and completed 22' of drift. We are still in hard material and are having to drill and shoot all the way. We recovered about 600# of mica during the month.

Daily Notes:

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

Dec. 6 -10 - Finished 40 feet of incline shaft. Began on drift in direction advised by field team. Still in rock and hard material.

Dec.13 -17 - Continued to drill and shoot. Bad weather slowed progress during the week. Mucked out. Recovered some mica, not very good quality.

Dec. 20-24 - Drilled and shot. Recovered more mica, improving in size in quality slightly. Mucked.

Dec. 27-31 - Continued in rock and hard material, also in water and mica. Recovered some fairly large mica of a little better quality. During month recovered about 600 lbs. mica.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1955

INTERIM REPORT

DMEA-3410, Idm-E 712 (mica) ROCK MINE

Operator: Rock Mining Co. c/o Sam Phillips, Spruce Pine, N. C.

Location: In Blue Rock Branch Valley and 0.4 mile west of Butler Gap, east-southeast of Micaville, Yancey County, N. C.

Incline sinking has been completed to a total depth of 38.5 feet and drifting is underway on this contract. Drifts have been turned off to the northeast and southwest and headings will be driven simultaneously. About 14 feet of drift in both directions has been accomplished. A body 5.5 feet in thickness is exposed in the N. 65° E drift and about 300 lbs. of fair quality mica has been recovered.

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

December 16, 1954.

Lawrence E. Shirley - By - zm

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

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

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

December 3, 1954

Memorandum

To: Mrs. Helen Miller, Administrative Officer
Finance Division - Region VII

From: Executive Officer, DMEA - Region VII

Subject: Royalty checks

Transmitted herewith are royalty checks on the following:

DMEA-3260,	Idm-E 692	$4.52	W. A. McKinney Mining Co.
DMEA-3287,	Idm-E 674	$64.32	Mud Cut Mining Co.
DMEA-3410,	Idm-E 712	$17.62	Rock Mining Co.
DMEA-2466,	Idm-E 410	$34.21	Elk Mining Co.

Robert A. Laurence

Copy

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

DATE 11-18-54

ACCEPTANCE NUMBER A04-659

WARRANTY, ACCEPTANCE AND INVOICE - NONRUBY

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-154A	SPQA-659	

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: John Phillips	SIGNATURE:
STREET ADDRESS:	NAME *(Type or print)*: John Phillips
CITY, ZONE AND STATE: Spruce Pine, N.C.	TITLE *(Type or print)*: Owner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA - NONRUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER				.69	$~~56.00~~ 70.00	48.30
GRADES NO. 4 AND 5				3.10	$~~40.00~~ 40.00	124.00
GRADES NO. 5½ AND 6				9.13	$~~15.00~~ 15.00	136.95
STAINED						
GRADES NO. 3 AND LARGER		$ 9.60			$14.40	
GRADES NO. 4 AND 5		$ 4.00		1.46	$ 6.40	9.34
GRADES NO. 5½ AND 6		$ 2.40		8.43	$ 4.00	33.72
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 6.40			$10.40	
GRADES NO. 4 AND 5		$ 3.20			$ 4.80	
GRADES NO. 5½ AND 6		$ 1.60			$ 2.40	
TOTALS						
LOT TOTALS				22.81		352.31

PROGRAM B - HAND-COBBED MICA - NONRUBY

TOTALS					$ 0.24	

ACCEPTANCE

Subject to the terms and conditions of the Mica Regulation (Revision 2), dated July 22, 1953 (18 F.R. 4377), 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
Ed. S. Burleson		Buyer

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $ 352.31

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

SELLER *(Type name)*	DATE
John Phillips (Rock Mine)	11-18-54
BY *(Signature)*	NAME AND TITLE *(Type)*: John Phillips, Owner

GSA-WASH DC 54-2285

DMEA 3410 Idm E 712

GSA FORM 1136
September 1953

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAYMENT VOUCHER & SCHEDULE OF PAYMENTS X- 27

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 195 4 Docket No. DMEA 3410 Contract No. IGr-E712
Operator's Name John Phillips & Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.
Contract Amount, $ 3938.00 Government Participation: 75 % Amount, $ 2953.50

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
19 Shaft @ 50.00	975.00	800.00	1775.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Toolhouse		100.00	100.00			
Powder & Exploder Magazines		38.00	38.00			
(8) Contingencies (specify):						
TOTALS	975.00	938.00	1913.00	975.00	938.00	1913.00

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

Date 12-2-54 *Payee John Phillips

Per John Phillips Title Partner

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

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

(Instructions on reverse)

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

$ 731 25

Signature Helen R. Miller
(Authorized Certifying Officer)

Date DEC 8 1954 Vou. No. 101

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Fm-E712 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Dec. 6, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Nov. 195 4 Docket No. DMEA 3410 Contract No. Idm-E712

Operator's Name John Phillips and Howard Boone Minerals Mica

Address Rock Mining Co., Spruce Pine, N. C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
19½' Shafts 50.00 ft.	Ft.	975.00	19½	1775.00	35½	50.00	40	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		975.00		1775.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc. Toolhouse				100.00				
Powder & Exploder Magazines				38.00				
TOTAL COSTS		975.00		1913.00				

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

Date 12-2-54 Operator John Phillips & Howard Boone

Per John Phillips Title Partner

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

OPERATOR'S
MONTHLY REPORT OF PROGRESS

Month of November, 1954

DMEA-3410

Idm-E 712

Work Accomplished:

We reached a depth of 38' with the incline shaft, making a total of 22½' for the month of November. We are in solid rock, making the progress rather slow. We recovered some mica from one shot to the side of the shaft and sold $352.31 worth of trimmed mica. No mica has been found in the shaft until the last two or three feet, where some scrap is beginning to show.

Daily Notes:

Nov. 1 - 5 - Drilled and shot in rock and hard material. Mucked.

Nov. 8 - 12 - Put in one shot to side of shaft and recovered a small amount of fair grade mica. Had this trimmed for sale. Continued with incline shaft, still in rock.

Nov. 15 - 19 - Sold the trimmed mica. Drilled and shot, then mucked out last part of week.

Nov. 22 - 26 - Continued to shoot and drill in rock and hard material. Progress is slow.

Nov. 29 - 30 - Picked up some small bits of scrap mica. Drilled and shot .

Three men working regular shifts, 5 days a week.

INTERIM REPORT

DMEA-3410 Idm-E712 (mica) ROCK MINE

OPERATOR: Rock Mining Company, c/o Sam Phillips, Spruce Pine, N. C.

LOCATION: In Blue Rock Branch Valley and 0.4 mile west of Butler Gap, east-southeast of Micaville, Yancey County, N. C.

Incline sinking on this contract is now at 35.5 feet. The operator was advised to pull a drilled round of holes and then turn off to the west from this level.

The incline has been sunk on an angle of 35° in a N 35° W direction. Both country rock and pegmatite has been encountered in sinking with varying amounts of mica having been produced from the pegmatite. The country rock, a biotite schist, has occurred primarily as inclusions in the hanging wall area. The pegmatite is composed of feldspar primarily with scattered quartz and small blocks of muscovite mica.

The operator was cautioned concerning the barring down of loose rock from the hanging wall after shooting. Progress on this contract is satisfactory.

L. E. Shirley

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

D. H. Amos

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

December 2, 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals
DEC 2 1954

INTERIM REPORT

DMEA-3410 Idm-E712 (mica) ROCK MINE

OPERATOR: Rock Mining Company, c/o Sam Phillips, Spruce Pine, N. C.

LOCATION: In Blue Rock Branch Valley and 0.4 mile west of Butler Gap, east-southeast of Micaville, Yancey County, N. C.

Incline sinking continues on this contract and is now at 21 ft. The operator was advised to continue sinking.

Material encountered consists of both pegmatite and country rock, a biotite schist. Material observed in the hanging wall was a mixture of biotite schist and feldspathic pegmatite. Good pegmatite composed of feldspar, quartz and small mica was observed in the NW corner bottom of the incline. Mica recovery has been scant in the last 3 feet of work.

L. E. Shirley

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

K. H. Teague D. H. Amos

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

November 15, 1954

DEPT. OF THE INTERIOR
Bureau Mines Materials
RECEIVED
NOV 12 1954

INTERIM REPORT

DMEA-3410 Idm-E712 (mica) ROCK MINE

OPERATOR: Rock Mining Company, c/o Sam Phillips, Spruce Pine, N. C.

LOCATION: In Blue Rock Branch Valley and 0.4 mile west of Butler Gap, east-southeast of Micaville, Yancey County, N. C.

Incline sinking continues on this contract and is now at 16 feet. Sinking will continue to a total depth of 40 feet.

Material encountered in recent work is principally feldspathic containing scattered quartz and considerable block mica. Some medium to large size blocks have been obtained and processed for sale to the Spruce Pine Mica Depot. About 700 lbs. of mine-run block has been recovered to date.

The operator was advised to continue barring down the working area after shooting. Progress on this contract is satisfactory.

L. E. Shirley

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

K. H. Teague H. H. Amos

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

November 4, 1954

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

Budget Bureau No. 42-R1036.5

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

Month of October 1954 Docket No. DMEA 3410 Contract No. Idn-E712
Operator's Name John Phillips and Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.
Contract Amount, $ 3938.00 Government Participation: 75 % Amount, $ 2953.50

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
20' Shaft @ 50.00 ft.	1000.00	None	1000.00	800.00		800.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Toolhouse	100.00	-	100.00	100.00		100.00
Powder & Exploder Magazines	38.00		38.00	38.00		38.00
(8) Contingencies (specify):						
TOTALS	1138.00		1138.00	938.00		938.00

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

Date 11-1-54 *Payee John Phillips Rock Mining Company

Per John Phillips Title Partner

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

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

(Instructions on reverse)

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

$ 703.50

Signature Helen R. Miller
(Authorized Certifying Officer)

Date NOV 26 1954 Vou. No. 87
(See other side)

234.50

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Am-E712 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Nov. 5, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form LIF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 195 4 Docket No. DMEA 3410 Contract No. Idm-1712
Operator's Name John Phillips & Howard Boone Minerals Mica
Address Rock Mining Co., Spruce Pine, N. C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
20' Shafts 50.00	Ft.	1000.00	20	1000.00	20	50.00	40	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1000.00		1000.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		133.00		133.00				
TOTAL COSTS		1133.00		1133.00				

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

Date 11-1-54 Operator John Phillips & Howard Boone

Per John Phillips Title Partner

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

OPERATOR'S
MONTHLY REPORT OF PROGRESS

DMEA-3410

Idm-E712

Date Work Began: Oct.11,1954

Work Accomplished:

Moved in machinery and set it up, built toolhouse, powder and exploder magazines. Cleaned out muck and began to sink shaft, advancing to a depth of 20 feet. No difficulty encountered.

Daily Notes:

October 11 - 15 - Moved in machinery. Installed track after shooting some in floor of mine to install track at an angle. Built toolhouse, powder and exploder magazine.

October 18 - 22 - Started sinking shaft. Had to drill and shoot in hard material. Mucked.

October 25 - 29 - Continued sinking shaft, reaching a depth of 20 feet. In vein material and hard rock all the way. No mica recovered but material looks favorable.

November 8, 1944

Mr. John Phillips
Rock Mining Company
Spruce Pine, N. C.

Re: DMEA-1410, Idm-E 712
Rock Mine, Yancey County, N. C.

Dear Mr. Phillips:

Your monthly report and voucher was received in this office today and is being sent to the Finance for payment with a deletion of $200.00. Our Engineers visited the mine on November 4 and their measurement showed only 16 feet of shaft had been sunk to that date. Your reports show that 20 feet had been advanced up to November 1.

Your totals should read $938.00, instead of $1138.00. We have made the correction on our copies, please correct yours.

Very truly yours,

Robert A. Laurence
Executive Officer, DMEA
Region VII

WAR/ZM
cc:
Finance Office
Rock
Lynch
Files

DEPARTMENT OF THE INTERIOR
OCT 29 1954

INTERIM REPORT

DMEA-3410 Idm-E712 (mica) ROCK MINE

OPERATOR: Rock Mining Company, c/o Sam Phillips, Spruce Pine, N. C.

LOCATION: In Blue Rock Branch Valley and 0.4 mile west of Butler Gap, east-southeast of Micaville, Yancey County, N. C.

Starting date on this contract is October 11, 1954. Incline sinking is underway and is now at 4 feet, following pegmatite. Since work has just begun only a few pieces of mica have been recovered. Mucking was in progress and the bottom could not be examined closely.

A toolhouse and powder and cap magazines have been constructed. Equipment on the job consists of a 105 c.f.m. air compressor with accessory drilling equipment and a gasoline powered hoist. Track has been lain to the present face and a mine car constructed and in use for handling the muck.

The operator was instructed to scale thoroughly the hanging wall of the incline after shooting. Progress on this contract is satisfactory.

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

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

October 21, 1954

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

Department of the Interior
Defense Minerals Administration
RECEIVED
OCT 6 1954

October 4, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region VII - Knoxville, Tennessee

Subject: DMEA-3410, Idm-E 712, Rock Mining Co. (mica) Signed Contracts.

Transmitted are three signed copies of the subject contract. The usual distribution of the other copies has been made by this office.

Robert A. Laurence

Robert A. Laurence

Docket Copy
Surname:

Hope
Houk
Chapman
Selfridge
Johnson

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

SEP 21 1954

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

Subject: Docket No. DMEA-3410 - Mica Rock Mining Co.
Sam L. Phillips, John Phillips and Howard Boone
Yancey County, North Carolina

Dear Mr. Laurence:

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

If the contract meets with your approval present it to the Operator for approval and signature. Please explain to the Operator that the contract, when executed, is a firm commitment under the terms of which it is obligated to complete the work outlined at the agreed unit cost. If any part of this contract does not have either your approval or that of the Operator and cannot be amended within your delegated authority, then the original and all copies of the contract are to be returned to this office, together with the proposed changes for consideration.

After execution of the contract, the copies are to be distributed in the usual manner. Copies of memoranda from the Geological Survey, dated August 26, 1954, and from the Bureau of Mines, dated September 7, 1954, are enclosed.

Sincerely yours,

George C. Selfridge (by ES7)

Chairman, Operating Committee

Approved:
J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

Enclosures 10

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

R.C.

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

September 15, 1954

Memorandum

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

From: Acting Assistant Solicitor, Defense Minerals

Subject: Phillips and Boone, Docket No. DMEA-3410 (Mica)

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

J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

Attachments 8

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

September 7, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Donald R. Irving, Acting for Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3410 (mica)

Applicant: Rock Mining Company

Name and Location of Property: Rock Mine
Yancey County, North Carolina

Date of Field Team Report: August 19, 1954

Date Rec'd. by Ceramic & Fertilizer Mtls. Br.: August 30, 1954

Field Team Recommendation:

1. Exploration project in the amount of $3,938.

Comments:

1. Existing exposures show good possibility of obtaining strategic mica.

2. Proposed exploration project is consistent with good engineering practices and costs are in line with other DMEA projects in that vicinity.

Recommendation:

I concur in the field team's recommendation for an exploration project in the amount of $3,938.

Donald R Irving

Donald R. Irving

IN REPLY REFER TO:

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

August 26, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3410 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: E. L. Newcomb, U. S. Geological Survey
Applicant: Rock Mining Company
Name of property: Rock Mine
Location of property: 0.4 mi. W. of Butler Gap, Yancey Co., N. C.
Date of Field Team Report: August 19, 1954
Authorship of Field Team Report: K. H. Teague and D. H. Amos.
Field Team's recommendation: Contract should be approved for about $3,938.
Comments: I concur with Field Team's proposed project.
ACTION RECOMMENDED: Follow Field Team recommendation.

E. L. Newcomb

E. L. Newcomb

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 8/23

REFERRED TO:

1. 600
2.
3.
4.

FOR:

- ____ Action
- ____ Approval
- ____ Comment
- ____ Conference
- ____ Consideration
- ____ Filing
- ____ Instructions
- ____ Investigation
- ____ Initials
- ____ Mailing
- ____ Previous correspondence
- ____ Recommendation
- ____ Record of ____
- ____ Referring to ____
- ____ Reply for signature of ____
- ____ Rewriting
- ____ Signature
- ____ Suggestions
- ____ Your information

REMARKS: Where is 95 [illegible] are FT & applicant [illegible]
[illegible]

Check (X) before the items needing attention.

ROBERT E. ADAMS

Initials of sender.

GPO 16—63815-1

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

August 19, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: Field Examination Report, DMEA-3410 (mica) Rock Mining Co.
Rock Mine, Yancey County, N. C. Spruce Pine, N. C.

Enclosed are 4 copies of the subject report, and 6 extra copies of the map.

We agree with the examiners' conclusion and recommend approval of a contract as outlined in the report. It should be pointed out that, as this deposit consists of several pods connected by thin pegmatite, the incline may be driven largely in country rock, but the drifts will be located where there is a thick, probable mica-bearing pegmatite.

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

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

z

On-site Exam. Rpt.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

ON

DMEA-3410, ROCK MINE (mica)
Yancey County, N. C.

By

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

August 19, 1954

FIELD TEAM EXAMINATION REPORT
On

DMEA-3410, ROCK MINE (mica)

Applicant: Rock Mining Company, c/o Sam Phillips, Spruce Pine, N. C.

Past production from this mine, although not large, has been considerable. Three "pipe-like" bodies, plunging at a low angle to the south and connected by a thin zone of pegmatite, have been mined with considerable success. There is a good possibility that additional "rolls" or mica concentrations exist down dip in the pegmatite. The field examiners recommend exploration assistance.

The deposit was examined August 13, 1954. Messrs. Sam L. Phillips and Sam Thompson and Mrs. Nancy Spoon (the owner) accompanied the examiners on the inspection which required 1.5 hours.

Much of the following description is taken from a U. S. G. S. manuscript report, prepared in 1944 by Lawrence Goldthwait.

The Rock mine is in Yancey County, North Carolina, east-southeast of Micaville in the Blue Rock Branch Valley 0.4 mile west of Butler Gap. An all-weather jeep and truck road extends to the mine and a car may be taken to within 500 feet of the mine.

The applicants are competent to conduct the proposed work. Area of their lease is adequate.

"The Rock mica mine adjoins the old Speck mine. The open cut was worked by Jim Gouge about the year 1909, and is reported to have yielded very good sheet mica. Operations ceased when the pegmatite thinned. In November 1943 the mine was opened by Yancey Mica Mines under the direction of Mrs. Nancy Spoon, and mica was produced from it until October 26, 1944 when it was closed as a non-ruby mine."

"The pegmatite occurs in distinctly foliated muscovite-biotite schist. The biotite content is particularly high in a zone an inch or two thick at the contacts with the pegmatite. These contacts are fairly sharp although slivers of schist extend into the pegmatite, especially on the northwest wall and in the northeast heading of the main drift. The present shallow heading of the open cut is like the northeast heading of the main drift, in that there is some interfingering of the pegmatite and schist.

"Pegmatite crops out in several places on the slope and is exposed in the open cuts of the Speck mine. The main pod-shaped pegmatite strike northeast, dips northwest, and plunges 15° southwest. This pegmatite, which was twenty feet wide at the old cut, thins to a foot toward the northwest as it becomes nearly horizontal, then widens to ten feet as it again assumes a nearly

vertical postion. The strike of the pegmatite contacts closely parallels that of the foliation of the schist."

"Fifty feet north of the recent small cut is an outcrop of schist with pegmatite patches, and probably pegmatite is nearly continuous between the main drift and the small open cut to the southwest. It is reported that the pegmatite pinches out under the muck floor at the northeast end of the drift. The interfingering of the schist and the pegmatite in this heading increases this probability. The pegmatite in the roof, however, may continue upward to the northeast. At the southwest end of the drift pegmatite seems to continue down the pitch into the new open cut. The floor at the heading is reported to be in schist."

" The pegmatite consists of plagioclase, quartz, and mica, with minor garnet and apatite. The plagioclase is commonly thinly twinned and rather clear. The quartz, found particularly in streaks near the wall-rock contacts, is milky to clear, with patches that are smoky. Garnet in crystals as much as three-quarters of an inch in diameter and as finely granular masses one and one-half inches thick, occurs in the pegmatite, and a few crystals also were found in the schist near the contacts. A few garnet-rich patches six by three inches occur in the pegmatite; in such patches green mica and minor quartz are intimately associated with the garnets. A few specks of apatite occur along the middle of the northwest wall of the main drift near the contact."

"The pegmatite in the open cut, sixty feet southwest of the main drift, is barren of sheet mica. The plagioclase and quartz are the same as elsewhere, and the garnets, although present, are less common.."

"The mica in the Rock mine is generally somewhat concentrated near the roof of the pegmatite, but is fairly evenly distributed between the walls where the pegmatite is vertical. At present mica is found principally near the roof of the main drift twenty feet southwest of the northeast heading; it constitutes approximately 40% of the rock and is found primarily with plagioclase feldspar. The mica is green, and little staining is present. Some of the books reach a width of over one foot. Fractures and wavy surfaces are common, however, while "A" structure and close tying are characteristic of many books. As a result , most of the trimmed mica obtained is 1- 1/2 inch or smaller. A little biotite is present in the pegmatite on the middle of the northwest wall of the main drift. Production during World War II amounted to 3,834 pounds, and sold for $22,874.93."

After the above report was prepared another "pipe-like" enlargement was mined down dip from the "main drift." In the "New drift" the pegmatite is 7-10 feet thick and is similiar in composition to that mined elsewhere. A thin (1 ft.) flat-lying pegmatite connects the bodies mined from the "main" and "new" drifts. As the floor of the "new" drift is covered with muck, no information can be obtained in that area.

Three thick elongated pods which plunge about 15° SW and are connected by thin pegmatite have been mined from this deposit. It is probable that additional pods-like bodies, similar to those previously mined occur down dip. The examiners recommend that tp to 40 feet of incline be driven down dip, along the pegmatite as shown on the attached map and 60 feet of drift be driven from the incline, if promising mica-bearing pegmatite if found.

Estimated Cost:

Toolhouse	$100.00
Exploder Magazine	13.00
Powder "	25.00

Forty feet of incline in unweathered rock (25 shifts)

Labor:		
1 - miner @ $1.50/hr.	$300.00	
1 - hoistman @ $1.25/hr	250.00	
2 - laborers @ 1/hr	400.00	
Equipment (rental)		
Hoist @ $50/Mo	62.50	
Compressor, drill, pump, etc. @ $240/Mo.	300.00	
Supplies		
Gasoline and oil	100.00	
Drill Steel	100.00	
Hand tools, pipe, rail, etc.	200.00	
Explosives	150.00	
Miscellaneous	137.50	
		$2,000.00

Sixty feet of drift (25 shifts)

Labor:		
1 - miner @ $1.50/hr	300.00	
1 - hoistman @ $1.25/hr.	250.00	
2 - laborers @ $1.00/hr.	400.00	
Equipment (rental)		
Hoist @ $50/Mo	62.50	
Compressor, drill, pump @ $240/Mo.	300.00	
Supplies		
Gasoline and oil	100.00	
Drill steel	100.00	
Explosives	150.00	
Hand tools	75.00	
Miscellaneous	62.50	1,800.00

Estimated Total Cost of project..... $3,938.00

Aug. 13, 1954.

K. H. Teague, and D. H. Amos, Geologists

Spruce Pine, North Carolina
August 13, L954

Mr. C. O. Mittendorf
U.S. Dept. of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: DMEA-3410, Rock Mine
Yancey Co., N. C.

Dear Mr. Mittendorf:

We are returning original and five copies of the new form MF-203, Owner's Consent to Lien. These have completed and signed as requested in your letter of August 11.

If any further information is necessary, please contact us.

Very truly yours,

Sam L. Phillips

Sam L. Phillips

B
B/b
Enc.

Docket Copy
Surname:
Anderson
Houk
Martin
Johnson

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

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

Subject: Docket No. DMEA-3410 - Mica
Rock Mining Co.
Sam L. and John Phillips and
Howard Boone
Rock Mine
Yancey County, North Carolina

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it necessary.

Copies of memoranda from the Geological Survey, dated July 13, 1954, and from the Bureau of Mines, dated July 30, 1954, are enclosed for your information.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee (HB)

Approved:

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

Philip W. Guild
Member, Geological Survey (HB)

Enclosures 4

WCAnderson:gad 8/9/54
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3061
Mr. Newcomb, 5227
Mr. Houk

R.C.G.

Docket Copy
Surnames:
Anderson
Houk
Martin
Guild
Hedges
Ferguson

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

AUG 12 1954

Mr. Sam L. Phillips
Rock Mining Co.
Spruce Pine, North Carolina

Re: Docket No. DMEA-3410 - Mica
Rock Mining Co.
Rock Mine
Yancey County, North Carolina

Dear Mr. Phillips:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 2, Tennessee, for further consideration and possibly a field examination.

We are returning the copies of executed Owner's Consent to Lien attached to your application and enclosing seven of the new Owner's Consent to Lien forms, MF-203 (Revised July 1, 1954). Since it is now mandatory that the Owner's Consent to Lien be executed on these new forms, kindly have them filled out and return six copies to this office.

The Regional Office will contact you at an early date if an examination is to be made. Any assistance that you may give the members of the field team during the examination will be appreciated.

Sincerely yours,

C. O. Mittenderf (fw)

Administrator

Enclosures 11

WCAnderson:gad 8/9/54
Copy to: Admr. R. File
Docket File
Operating Committee
Field Team, Region VII
Mr. Dietrich, 3061
Mr. Newcomb, 5227
Mr. Houk

R.C.L.

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

Defense Minerals Administration
RECEIVED
JUL 30 1954

July 30, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3410 (mica)

Applicant: Rock Mining Company

Name and Location of Property: Rock Mine
Yancey County, North Carolina

Date Application Rec'd. by Ceramic & Fertilizer Mtls. Br.: July 13, 1954

Comments:

1. Bureau of Mines records show that 49.5 pounds of good stained and better quality full-trimmed mica, 18.0 pounds of stained, and 4.9 pounds of heavy stained were sold to the Government by Ira Vance in 1953 reportedly from this mine.

2. Proposed exploration is consistent with local practices and expenditures are in line with those of other DMEA projects.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis.

W. F. Dietrich

W. F. Dietrich

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

IN REPLY REFER TO: G-MD-CNM

Defense Minerals Administration
RECEIVED
JUL 14 1954

July 13, 1954

Memorandum

REVIEW OF APPLICATION DMEA-3410 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: Sam L. & John Phillips and Howard Boone, (Rock Mining Co., Spruce Pine, N. C.).
Name of property: Rock mine.
Location of property: Yancey County.
Summary of applicant's proposal:

1. Dewater and muck out present incline.
2. 100' drift, crosscut, etc.

$4,000

Sources of information on applicant's property: Unpublished ms. rept. by L. W. Goldthwait, U.S.G.S., July 1944.

Comments:

1. If this is the same Rock mine, little presumably can be gained by extending the main heading where peg is pinching out and interfingering with schist.

2. Peg reported to pinch out beneath muck in NE end of drift.

3. Development might be done in roof of incline, or SW from end of drift.

4. Mine was a good producer during War II.

RECOMMENDATION: Refer to Field Team.

D M Larrabee

D. M. Larrabee

July 12, 1954

Mr. Sam L. Phillips, et al.
Spruce Pine
North Carolina

Subject: DMEA-3410
Re: Exploration Assistance
Rock Mine

Gentlemen:

The receipt of your application dated July 8, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3410 and referred to the Non-Metallic Minerals Division.

Kindly refer to in any future correspondence relating to your application.

Sincerely yours,

BUREAU OF MINES

OFFICIAL BUSINESS

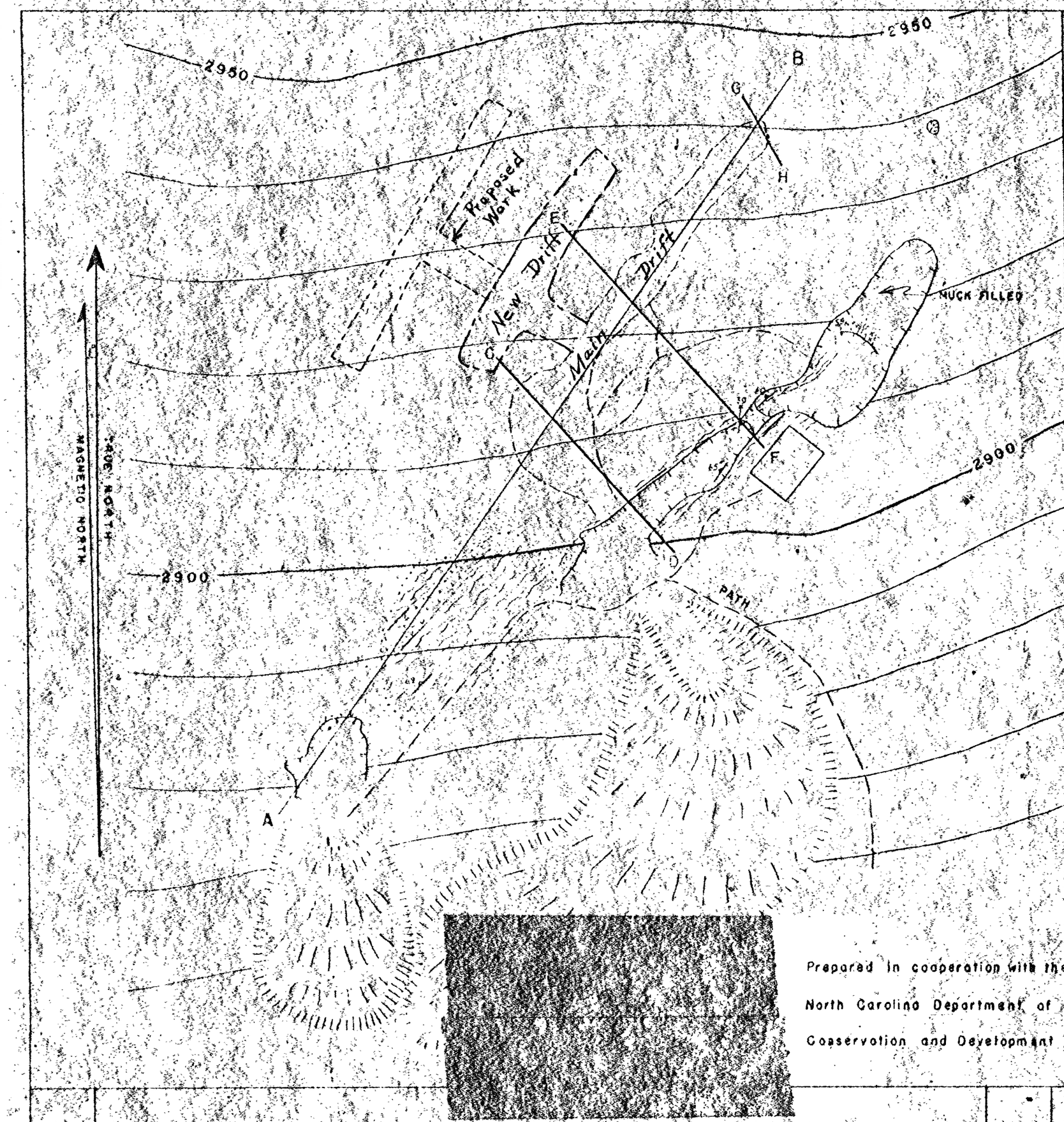
420 CUSTOM HOUSE
555 BATTERY STREET
SAN FRANCISCO 11, CALIF.

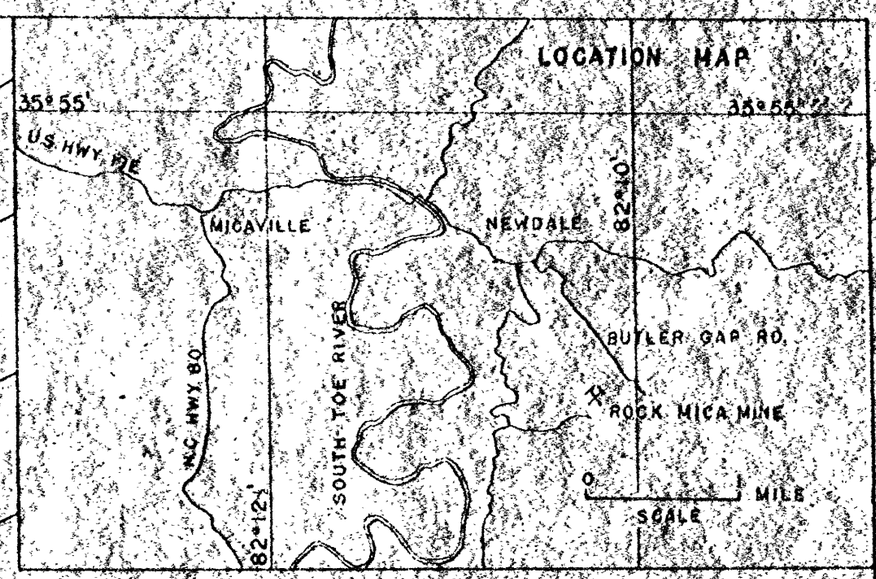
U.S. POSTAGE 30

Defense Minerals Exploration Administration
Interior Building
Washington 25, D. C.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP





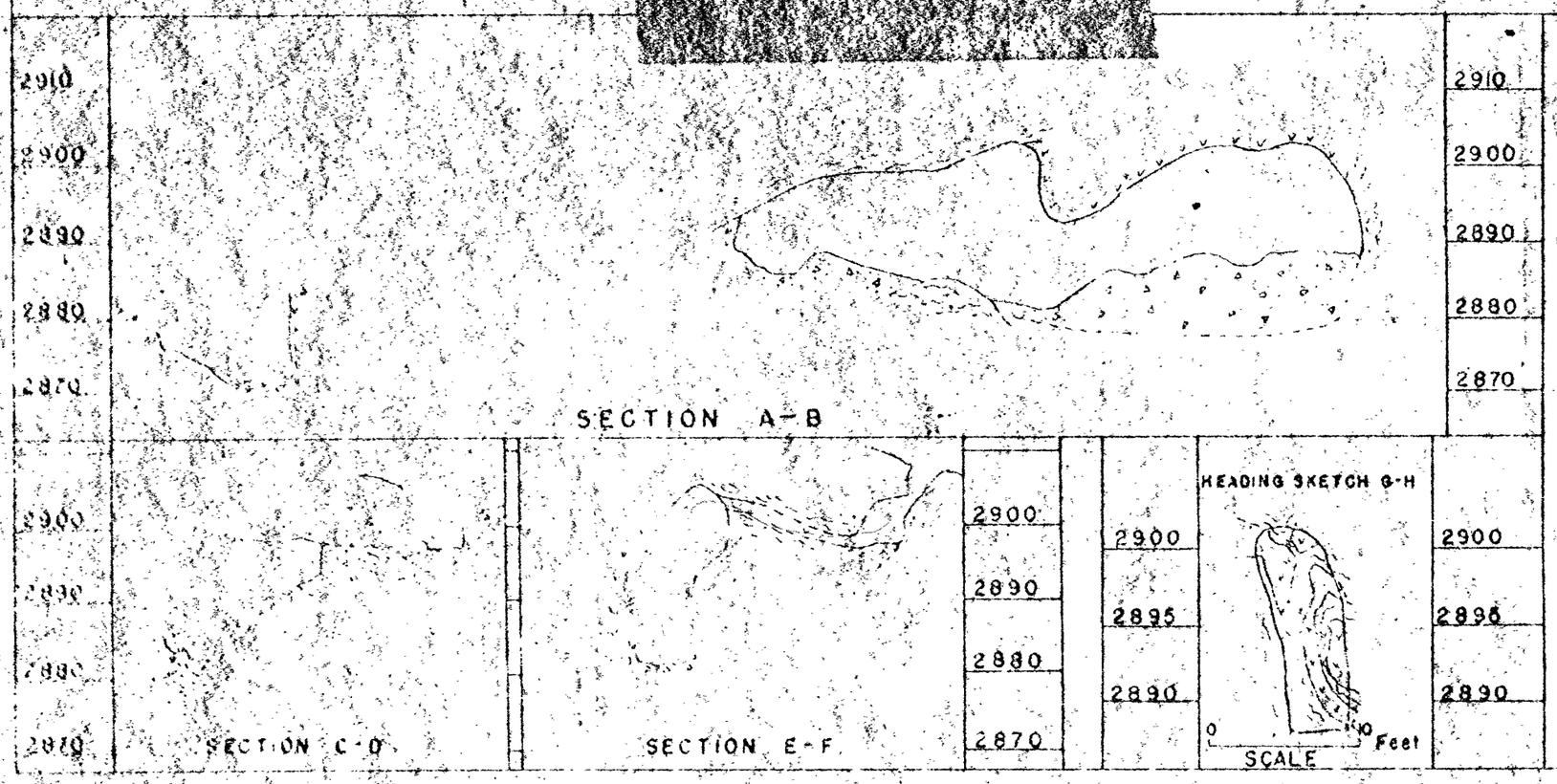
EXPLANATION

- Mica schist
- Plagioclase–quartz pegmatite
- Massive quartz zone
- Sheet mica zone
- Scrap mica zone
- Muck and soil
- Strike and dip of foliation
- Pitch of roll
- Projected outlines of underground workings
- Mapped outlines of underground workings
- Projected outlines of underground workings, approximate
- Contact, location accurate, showing dip
- Contact, location approximate
- Projected contact
- Edge of open cut
- Limit of outcrop
- Dump

Prepared in cooperation with the North Carolina Department of Conservation and Development

Geology and topography by L. Goldthwait and J.R. Wolfe Jr.

Mapped June 22-23, 1944



ROCK MICA MINE, YANCEY COUNTY, NORTH CAROLINA

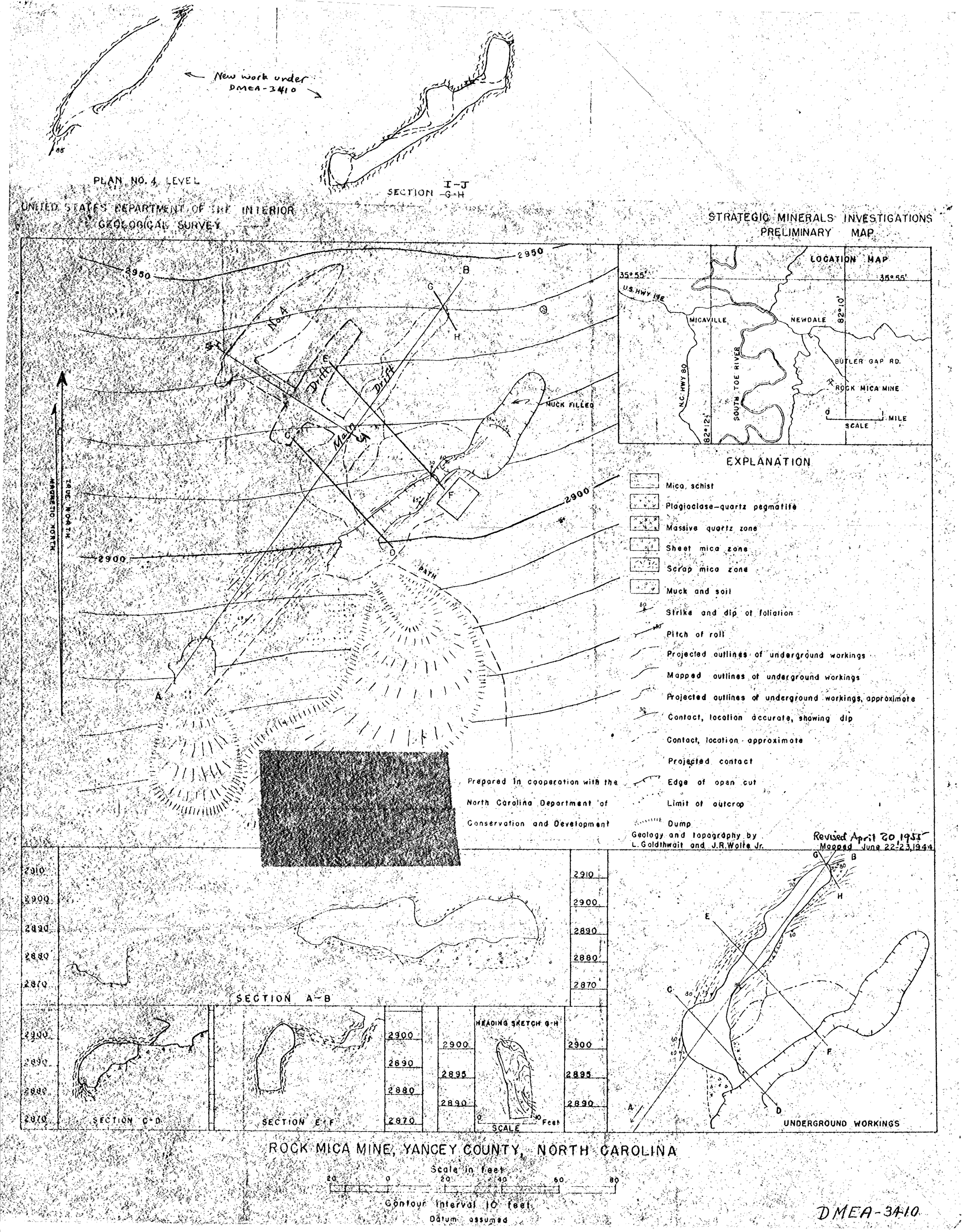
Scale in feet

20 0 20 40 60 80

Contour interval 10 feet

Datum assumed

DMEA-3410



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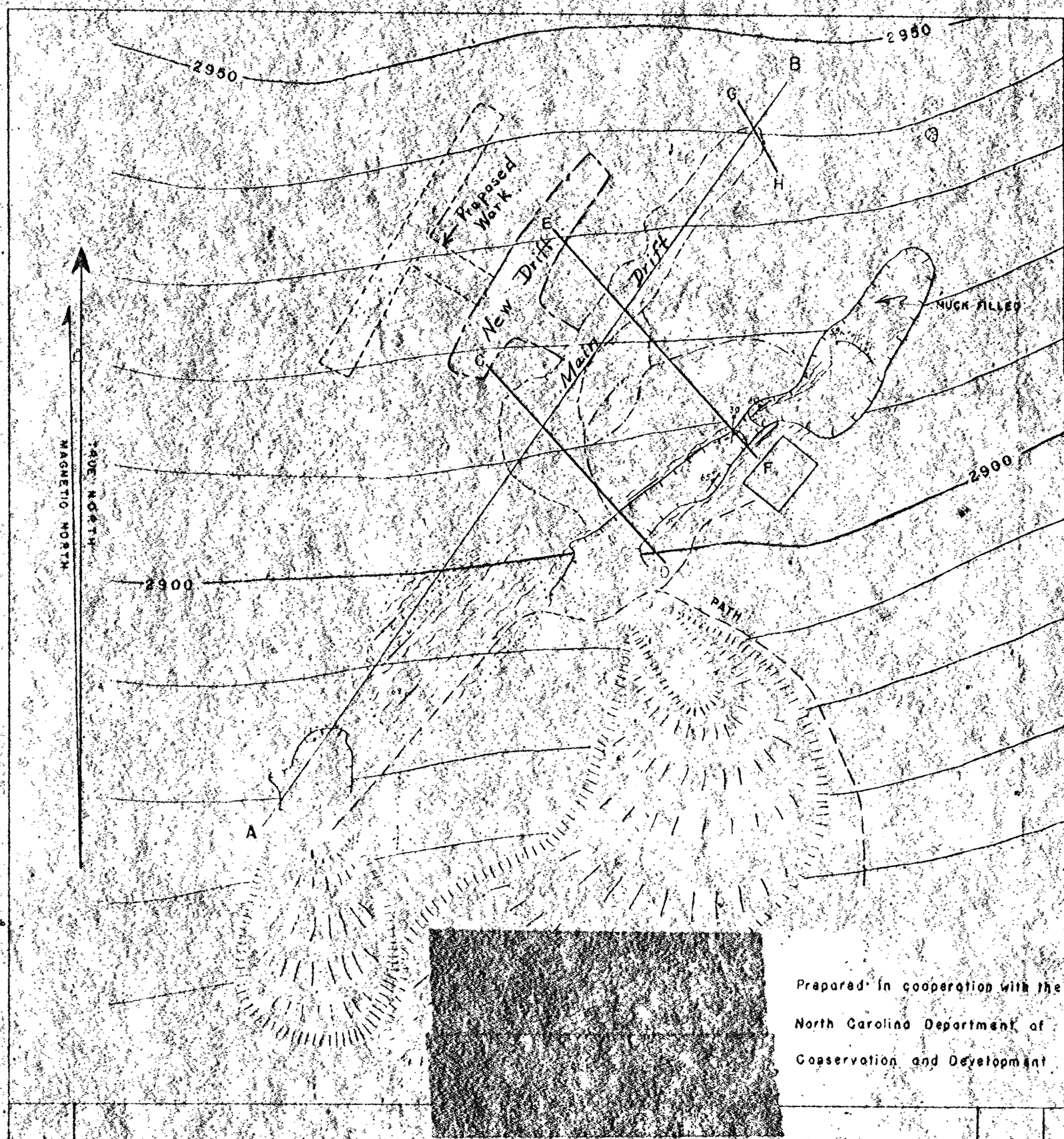

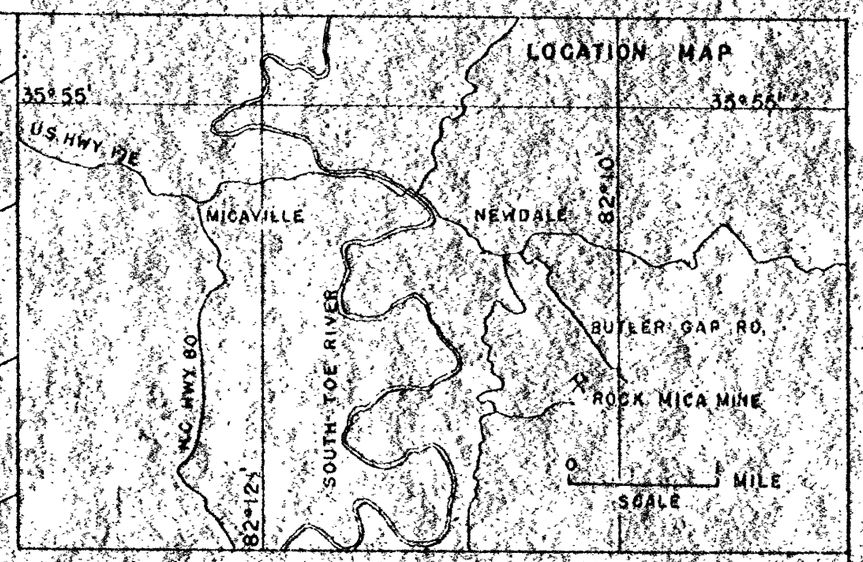

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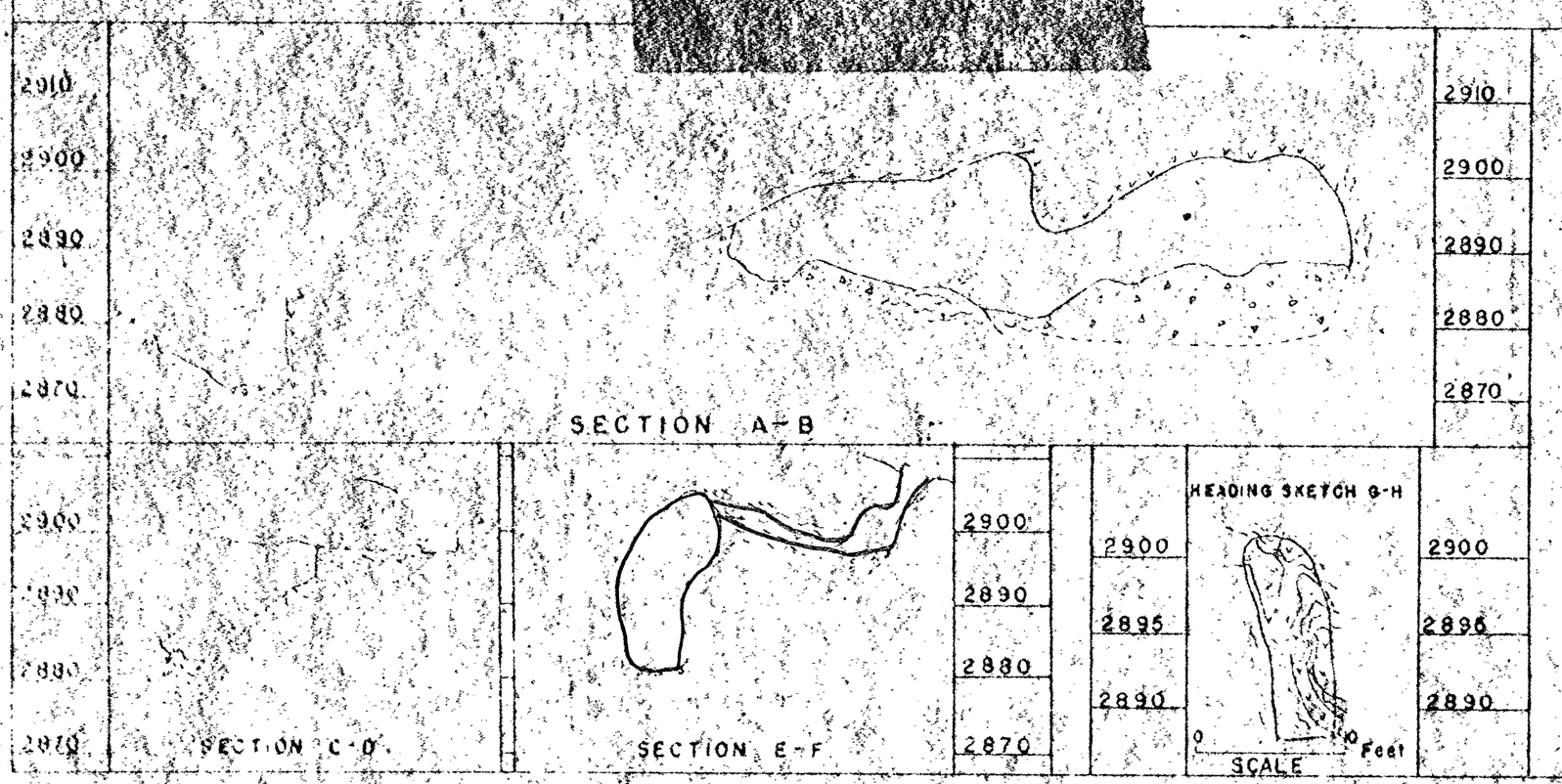

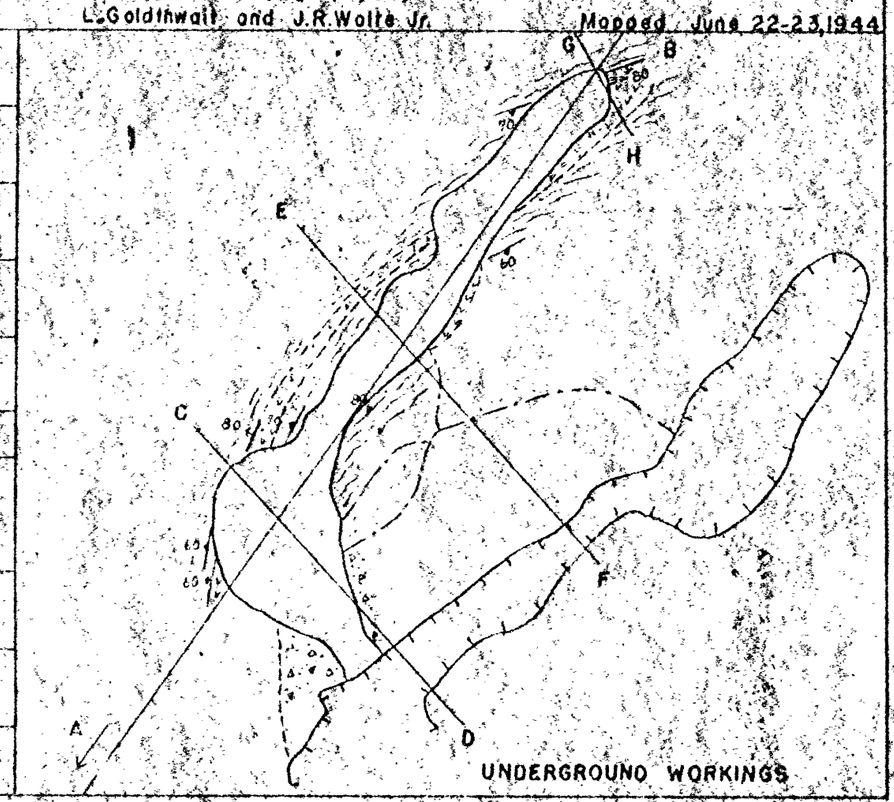

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DMEA-3410

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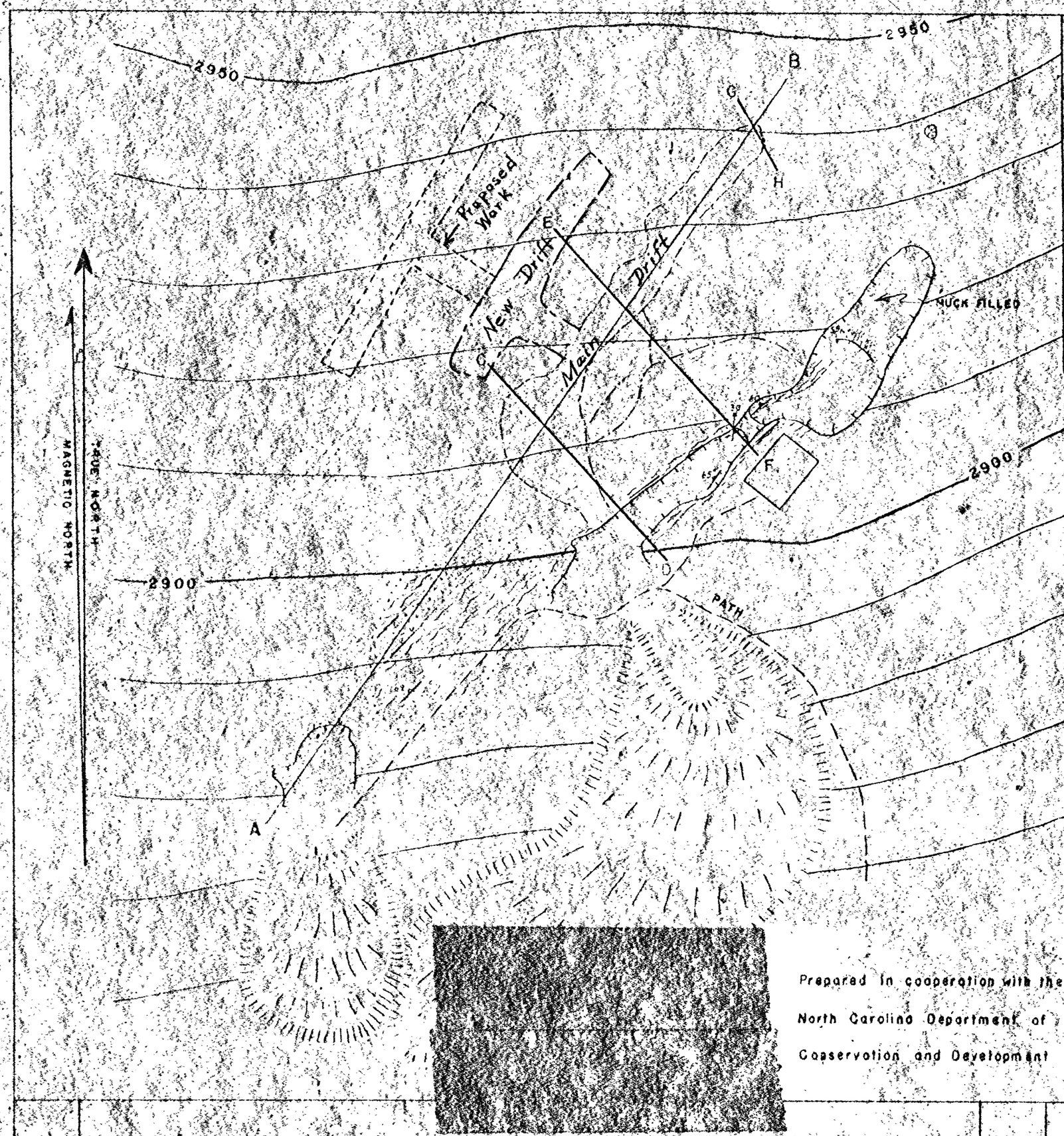

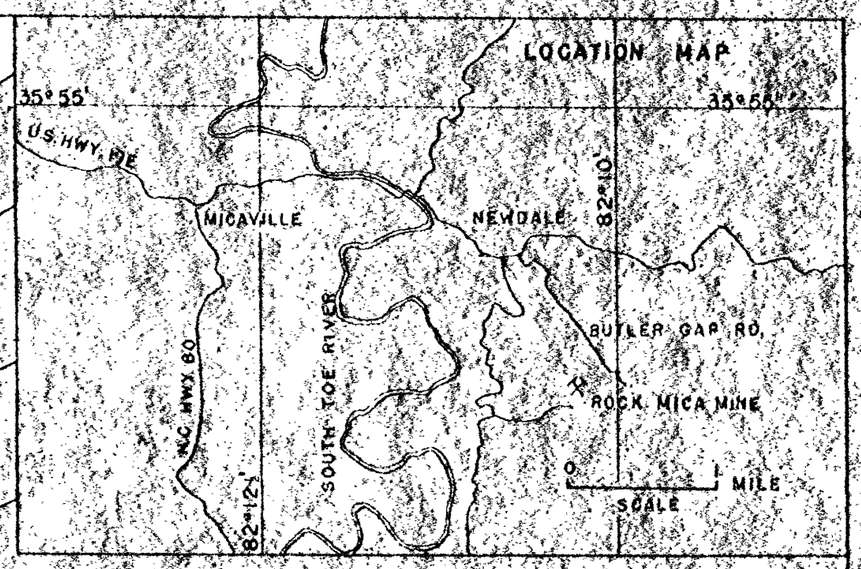

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Prepared in cooperation with the North Carolina Department of Conservation and Development

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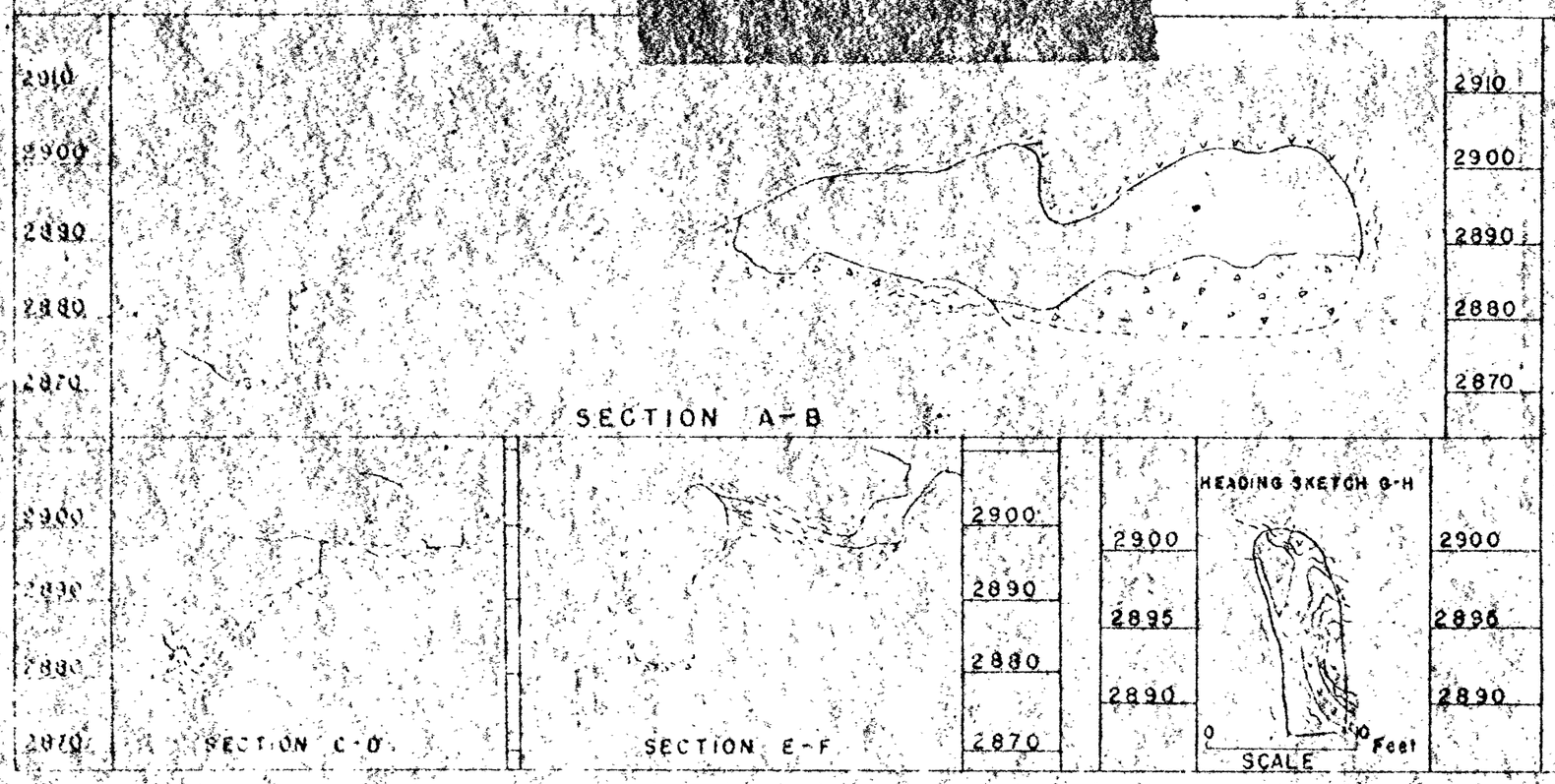

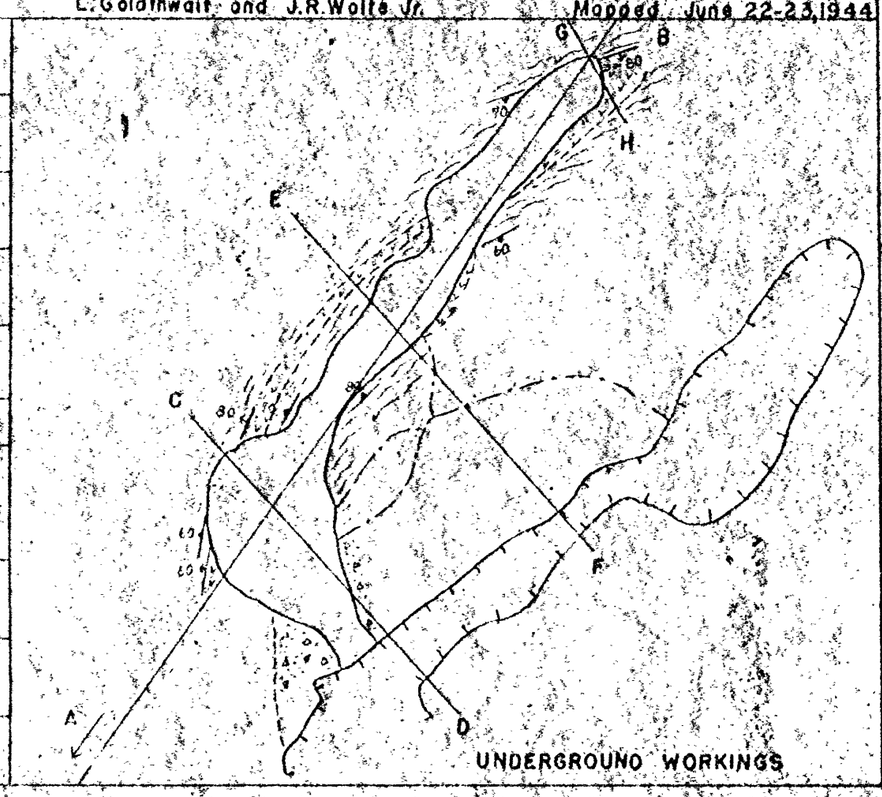

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