DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Idm-E NO. 646

DMEA NO. 3157

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- [ ] Withdrawn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
- [x] Contract Amendments
- [x] Contract with all exhibits and annexes
- [x] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

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

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

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

Additional Folders:

Left Side

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

Right Side

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

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

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

17963

Anderson

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed all copies of settlement sheets on file with the Executive Officer, DMEA Field Team, Region V, applicable to royalties collected on the sales of mica for the period December 14, 1953, to March 15, 1955, by:

Cook Mining Company, Inc.
c/o Mayland Motor Company
Spruce Pine, North Carolina

produced from property referred to as the Charles Robinson Mica Mine located in Yancey County, North Carolina, under terms of Contract Idm-E646, Docket No. DMEA-3157.

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

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

(1) A check of records of General Services Administration Mica Purchase Depot, Spruce Pine, North Carolina, indicated that all sales to that depot of mica produced from this mine are being promptly reported and Government royalties are being paid currently; 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.

The review established the total sales of mica for this period to be $25,984.74. Royalty due the U. S. Government at the contract rate of 5 percent is $1,299.23. The royalty paid and balance due are as follows:

Total Royalties Due	$1,299.23
Total Royalties Paid	1,299.23
Balance of Royalties Due	$ -0-

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

March 21, 1955

Docket Copy
Surname:
Anderson
Houk
Hoffland
Chamber
Kiilsgaard
Martin
Hedges

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: Cook Mining Company, Inc.
Mr. M. Ellis, President
c/o Mayland Motor Company
Spruce Pine, North Carolina

Pursuant to the provisions of Exploration Project Contract No. Idm-E646, dated December 14, 1953 (Docket No. DMEA-3157), 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:

Significant amounts of strategic mica were found in some of a series of several discontinuous, conformable, S-shaped pegmatites.

THE UNITED STATES OF AMERICA

By Frank E. Johnson
ACTING Administrator, Defense Minerals
Exploration Administration

Dated: FEB 18 1955

WCAnderson:gad 2/14/55

Copy to: Mr. Irving Gumbel, EPS, GSA
Mr. E. A. Ellis and wife Mrs. Dorothy Ellis (Attached to Field Team's
Mr. Frank E. Ellis " " Mrs. Lucille C. Ellis copy for forwarding.)
Docket
Admr. R. File
Mr. Johnson
Field Team, Region V
Operating Committee
Mr. Houk
Mr. Hedges, 4604
Mr. Chambers
Mr. Kiilsgaard, 5222
Finance Office

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

1956

Cook Mining Company, Inc.
Spruce Pine, North Carolina

Re: Docket No. DMEA-3157 (Mica)
Charles Robinson Mica Mine
Yancey County, North Carolina
Contract No. Ida-3646

Dear Sirs:

Under the contract cited above the Government allotted a total of $12,470.00 for exploration for mica and agreed to share 90 percent of the cost as approved and accepted by this Administration. The Contract Administration and Audit Division of this Administration in its final audit report of January 6, 1955, determined the total allowable cost of the project to be $12,470.00, and the Government's share at 90 percent participation to be $11,223.00.

As the exploration work resulted in a discovery, the Cook Mining Company, Inc., was to pay to the Government a royalty at the rate of 5 percent over a period of 12 years, or until the amount advanced by the Government was liquidated, whichever occurred first. The production from land under this contract enabled the Company to repay the Government's advance ($11,223.00) considerably before the expiration of the twelve year repayment period provided for in the contract.

I wish to congratulate you for a successful exploration and also to thank you for the payment of your account under the contract. It has been a pleasure to participate in this very fine undertaking.

Sincerely yours,

G. O. Mittendorf

Administrator

AMAlley/ana
August 14, 1956

Copy to: Docket
Admr. Reading File
F. T. Region V
Mr. Geehan
Mr. Kiilsgaard
Administrator
Mr. Johnson
Mr. Nunk
Mr. Chambers

Mr. Anderson

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Cook Mining Company, Inc.
c/o Mayland Motor Company
Spruce Pine, North Carolina

pertaining to Exploration Project Contract No. Idm-E646, Docket No. DMEA-3157, including Amendment Nos. 1, 2 and 3, for the months of March, 1954 to November, 1954, inclusive, covering a project for the exploration of mica on property, known as the Charles Robinson 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's Final Report, 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		$12,470.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$12,470.00

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

$11,223.00**

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

E. D. Talbert, Auditor

January 6, 1955

Government's copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 19 1954

EXPLORATION PROJECT CONTRACT
COOK MINING COMPANY, INC.
DOCKET NO. DMEA-3157

AMENDMENT NO. 3

It is agreed this 5th day of November, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Cook Mining Company, Inc., that Exploration Project Contract Idm-E646 (Docket No. DMEA-3157), dated December 14, 1953, as amended (hereinafter called the "Contract"), is further amended effective December 13, 1953, as follows:

1. In Article 3 of the Contract the period for completion of the work is extended from "11 months" to "13 months." (Amendment No. 2 extended the period from "10 months" to "11 months.")

2. In Article 4, the figures "$8,703.00" and "$9,670.00" (provided by Amendment No. 1), are changed to read "$11,223.00" and "$12,470.00," respectively.

3. In Exhibit "A":

(a) Under the heading "Description of the Work," add a new Stage III as follows:

Stage III

This stage shall be performed only after the prior approval of the Government. It consists of extending the drift performed under Stage II by not to exceed an additional 80 feet.

(b) Under the heading "Agreed Unit Costs," a new Stage III is added as follows:

Stage III

Drifting - 80 feet @ $35.00/ft. $2,800.00

(c) The totals at the end are changed from "$9,670.00" and "$8,703.00" (provided by Amendment No. 1), to read "$12,470.00" and "$11,223.00, respectively.

4. That part of the second sentence of Article 7 beginning with the word "Provided" is deleted.

5. Annex I to the Contract is cancelled, and Annex III, attached hereto and made a part hereof, is substituted for the royalty provisions of Article 6 of the Contract.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By _____
Administrator, Defense Minerals
Exploration Administration

COOK MINING COMPANY, INC.

By _____

_____

EXPLORATION PROJECT CONTRACT
COOK MINING COMPANY, INC.
DOCKET NO. DMEA-3157

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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NOV 19 1954

ANNEX III

The following provisions are in lieu of Article 6:

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 the Operator has rendered the final report and final account, 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, for 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

* The word "land" refers to the land described in Article 2 of the contract form.

‡ The period "twelve years" is substituted for the period "ten years."

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 raw 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 ($1\frac{1}{2}$) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half ($\frac{1}{2}$) 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 ($1\frac{1}{2}$) percent; on an amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) percent.)

f. 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.

g. 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.

h. 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 mining or production operations.

i. 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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 19 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, Crabtree Township, described as follows:1/

Beginning on a Chestnut standing north 54 west 12 poles from the Charles Robinson Mica Mine and runs south 36 west 34 poles to a Maple on the lower bank of the road; thence south 54 east 24 poles to a Dogwood; thence north 36 east 68 poles to a Sourwood; thence north 54 west 24 poles to a Sourwood; thence south 36 west 34 poles to the beginning.

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

2/ Cook Mining Company, Inc.

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 Amendment No. 3 to 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 ~~xx~~ twelve 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 **In the event that the Contract is further amended to provide for a longer period than "twelve years" for payment of royalty, this Owner's Consent to Lien shall cover such additional period.**

Dated this 16th day of Nov., 1954.

E R Ellis [Seal]

Dorothy Ellis [Seal]

L F. Ellis [Seal]

Lucille P. Ellis [Seal]

All addresses, Spruce Pine, North Carolina

Government Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

COOKE MINING COMPANY, INC.

AMENDMENT NO. 1

Contract Idm-E646, DMEA-3157, dated 14th December 1953, between the UNITED STATES OF AMERICA and COOK MINING COMPANY, INC., a corporation duly organized and existing under and by virture of the laws of the State of North Carolina is hereby amended as follows:

1. Article 3 is amended to read.."The Operator, within 90 days from the date of this contract shall commence work ..... and shall bring the project to completion within a period of eleven (11) months from the date of this contract....."

"This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to pay, nor the amount of any item designated as 'allowable maximum.'"

FEB 12 1954

THE UNITED STATES OF AMERICA

By: Robert A. Lawrence
EXECUTIVE OFFICER
DMEA REGION VII

COOKE MINING COMPANY, INC.

By E. A. Ellis
Ed. Ellis, President

z

Government's Copy

COOK MINING COMPANY INC.
EXPLORATION PROJECT CONTRACT
Docket No. DMEA-3157

Defense Minerals Administration
RECEIVED
MAR 3 - 1954

AMENDMENT NO. 1

It is agreed this 21st day of January 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and the Cook Mining Company, Inc., each acting in consideration of the agreement of the other to the terms hereinafter set forth, that Exploration Project Contract Idm-E 646, Docket No. DMEA-3157, dated December 14, 1953, between the parties hereto, be modified and amended as of December 14, 1953.

1. In Article 4, the figures "$8,208.00" and "$9,120.00" are hereby changed to read "$8,703.00", and "$9,670.00", respectively.

2. In Exhibit "A"

(a) Under the heading "Description of the Work," the following is added to the paragraph under Stage II: "A rigid headframe is to be constructed."

(b) Under the heading "Agreed Unit Costs" the following item is added under Stage II:

"Construct headframe at $550.00" 1/ and the following footnote is added: " 1/ The completed headframe is a unit."

(c) Change the total under Stage II of "Agreed Unit Cost" to read " $8,670.00" instead of "$8,120.00"

(d) Under the heading "Total Agreed Unit Costs of Project," the figure "$9,120.00 is altered to read $9,670.00" and under "Government Participation @ 90%" the figure "$8,208.00" is altered to read "$8,703.00."

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C O Mitchell
Administrator, Defense Minerals
Exploration Administration

COOKE MINING COMPANY, INC.

BY Ed Ellis
Ed. Ellis, President

z

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 3157

COMMODITY Mica

Government's Copy
IBM-E 646

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

Defense Minerals Administration
RECEIVED
MAR 3 - 1954

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 14th day of December, 195 3, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Cook Mining Company, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of North Carolina - c/o Mayland Motor Company, Spruce Pine, North Carolina

hereinafter called the "Operator," as follows: and as set forth in Annexes I and II, attached hereto and made a part hereof

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

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

the Operator represents and undertakes:[4]

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

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

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

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

in or upon the described land; and shall bring the project to completion within a period of ten (10) months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 90 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $8,208.00, which is 90 percent of $9,120.00, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

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

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

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

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

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

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

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

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

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

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

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations. See Annex I, substituted for Article 6.

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided*, that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* _____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

COOK MINING COMPANY, INC.
(Operator)

By Ed Ellis
Ed Ellis, President

By C. M. Methendry
Administrator, Defense Minerals Exploration Administration

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

[CORPORATE SEAL]

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

COOK MINING COMPANY, INC.
EXPLORATION PROJECT CONTRACT
DOCKET NO. DMEA-3157

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 - 1954

ANNEX II

The land referred to in Article 2 of contract is a 10-1/8 acre tract, known as the Charles Robinson Mica Mine, leased to the Operator for mining purposes by E. A. Ellis and wife, Dorothy D. Ellis, and Frank E. Ellis and wife, Lucille C. Ellis, and the Cook Mining Company, Inc., pursuant to an Agreement of Lease, dated July 14, 1953.

The tract is in Crabtree Township, Yancey County, North Carolina, and adjoins the lands of E. L. Briggs and others and is more particularly described as follows:

> "Beginning on a Chestnut standing north 54 west 12 poles from the mine and runs south 36 west 34 poles to a Maple on the lower bank of the road; thence south 54 east 24 poles to a Dogwood; thence north 36 east 68 poles to a Sourwood; thence north 54 west 24 poles to a Sourwood; thence south 36 west 34 poles to the beginning."

COOK MINING COMPANY, INC.
EXPLORATION PROJECT CONTRACT
DOCKET NO. DMEA-3157

[illegible] 1954

EXHIBIT "A"

Description of the Work

As approximately indicated on Section H-H' of the map attached hereto entitled "Charles Robinson Mica Mine, Yancey County, North Carolina, DMEA-3157 (Mica)," there is to be performed in two successive stages the project work hereinafter indicated. The location, direction, and extent of all work, are subject to the prior approval of the Government.

Stage I

Dewater existing workings and recondition existing 104-foot shaft to permit safe and ready access to the point where the proposed shaft under Stage II may be safely and efficiently sunk.

Stage II

This stage shall commence only after the prior written approval of the DMEA Executive Officer, Region VII, and shall consist of the erection of 10 foot by 15 foot tool house, both a powder and exploder magazine and the sinking of an 80-foot, 5 foot by 7 foot two-compartment timber shaft as shown on attached map. From the bottom of this shaft, at an elevation of about 2560 feet, a lateral 5 feet by 7 feet at least in cross section shall be driven southwesterly a distance not in excess of 100 feet.

Agreed Unit Costs

Stage I

Dewatering workings and reconditioning existing 104-foot shaft	$1,000.00 1/

1/ The entire work is the unit.

Stage II

10 foot by 15 foot tool house	$ 150.00 2/	
Powder Magazine	50.00 2/	
Exploder Magazine	20.00 2/	
Shaft sinking - 80 feet @ $55.00/ft.	4,400.00	
Drifting - 100 feet @ $35.00/ft.	3,500.00	$ 8,120.00
Total Agreed Unit Costs of Project		$ 9,120.00
Government Participation @ 90%		$ 8,208.00

2/ The unit is the complete structure.

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

Defense Minerals Administration
RECEIVED
SEP 23 1953

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, Crabtree Township / described as

follows:1/ Beginning on a Chestnut standing north 54 west 12 poles from the Charles Robinson Mica Mine and runs south 36 west 34 poles to a Maple on the lower bank of the road; thence south 54 east 24 poles to a Dogwood; thence north 36 east 68 poles to a Sourwood; thence north 54 west 24 poles to a Sourwood; thence south 36 west 34 poles to the beginning.

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

2/ Cook Mining Company, Inc.

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) 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.

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 1st day of December, 1953.

E A Ellis [Seal]

Dorothy Ellis [Seal]

Lucille C. Ellis [Seal]

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

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

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

RELEVANT CONTRACT PROVISIONS

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(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 of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, as follows:

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

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

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

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

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

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

ANNEX I

The following provisions are in lieu of Article 6 :

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(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 of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by this contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

(a) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(b) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts, plus one-half ($\frac{1}{2}$) per cent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half ($1\frac{1}{2}$) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) per cent.)

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

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f. No Obligation to Produce.--This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 8 - 1953

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

Not to be filled in by applicant

Docket No. DMEA-3157
Metal or Mineral
Date Received 9-8-53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

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

Cook Mining Company, Inc.
Mr. Ed. Ellis, President
c/o Mayland Motor Company
Spruce Pine, North Carolina

(*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

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

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

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

(*e*) If you own the land, describe any liens or encumbrances on it

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

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

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

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

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

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

5. *The exploration project.*—(a) State the mineral or minerals for which you wish to explore .....

.....

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☐ 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 September 4, 1953

Cook Mining Company, Inc.
(Applicant)

By C. B. Collins

Attorney

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 8-1953

MF-103

Defense Minerals Exploration Administration

Cook Mining Company, Inc.
Mr. Ed Ellis, President
c/o Mayland Motor Company
Spruce Pine, North Carolina

1. a. Cook Mining Company, Inc.
Mr. Ed Ellis, President
c/o Mayland Motor Company
Spruce Pine, North Carolina

b. Incorporated in North Carolina. (See Exhibit A)

c. E. A. Ellis, President
Frank Ellis, Vice President & Treasurer
B. G. Thomas, Secretary

d. Not a partnership

2. No answer required.

3. A. See Exhibit B. (Lease and area of exploration.)

b. Charles Robinson Mica Mine (Yancey County, North Carolina).

c. Lessee (See Exhibit A)

d. See Exhibit C.

e. Not owner.

f. Not applicable.

4. a. Not now being worked.

b. This mine produced strategic grade sheet mica during World War II. This mine's production record extends back over a period of several decades. It is well known as having been a good producer. It is anticipated that the recommended exploration work will again put this mine in commercial production.

c. See Map--Exhibit C. This map shows that previous workings have resulted in large quantities of strategic grade mica being found. A study of the map indicates that the pegmatities shown in this area have not been depleted. It is anticipated that mica-bearing ore will be found to still exist in the indicated pegmatites and that there is a probability that new pegmatites will be contacted at higher levels as the proposed shaft is lowered.

d. Good roads exist to within one-half ($\frac{1}{2}$) mile of mine. A mine road needing only minor repairs joins the existing "farm to market" raod leading to Spruce Pine. Mine is approximately eleven (11) miles from Spruce Pine, North Carolina. (See Exhibit C.)

Defense Minerals Exploration Administration

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 8-1953

Cook Mining Company, Inc.
Mr. Ed Ellis, President
c/o Mayland Motor Company
Spruce Pine, North Carolina

e. All necessary manpower, materials, supplies, equipment, etc, are available. No water is needed other than the small amount necessary to keep drill bits wet. It is anticipated that sufficient amount will be found while sinking shaft to meet this demand.

5. a. Strategic grade sheet mica.

b. It is proposed to sink a 5x7 timbered shaft, commencing on the knoll approximately 220 ft southwest of the old dump and prior workings shaft. This site will be leveled by bulldozing to afford good drainage from the shaft opening and to assure good level working space for the above gound mining equipment.

From this leveled site a shaft will be sund to a depth of 220 feet. (This will be from the approximately 2800 foot contour to the 2580 foot level, as indicated on map at Exhibit C.

After the shaft has been lowered to a depth of 220 feet, then it is proposed to drive a 5x7 drift for a distance of 50 feet on a compass bearing of approximately N 33 E. This drift, according to the maps at Exhibit C will terminate in thevicinity of the indicated projection of the mica-bearing pegmatite. At the end of this drift it is proposed to drive two cross-cut drifts of 25 feet each, perpendicular to and on the same level as to 50 foot drift. Any mica bearing ore contacted will be well marked. It is anticipated that several strikes or contacts will be made, as the geological map attached at Exhibit C indicates that mica-bearing ore was mined at several faces at the 2600 foot level of the prior abandoned workings.

c. The bulldozing for the shaft site will commence with ten (10) days after the applicant is awarded a contract. The shaft will commence to be lowered within one (1) week after bulldozing at shaft site is commenced. (Site preparation will take one week. Shaft will be lowered as soon as site is prepared.)

Sinking the timbered shaft at the rate of 4 feet per day, it will take 55 working days to complete the shaft. Driving at the rate of 6 feet per day, it will take 17 days to complete the 100 feet of drifting:

	Working Days
Bulldozing Site and repairing road	10
Sinking 5x7 timbered shaft	55
Drifting	17
	82

Five (5) working days per wook equals Sixteen (16) weeks for project.

6. <u>Estimate of Costs:</u>

a. Independent contracts

Bulldozing		
Shaft site 50 hrs. at $12.00	600	
Road to mine site 50 hrs. at $12.00	600	
		$ 1,200

Cook Mining Company, Inc.
Mr. Ed Ellis, President
c/o Mayland Motor Company
Spruce Pine, North Carolina

b. Labor:

	per week		
2 muckers at (each)	60	1,920	
1 hoist operator	70	1,120	
1 timber man & truck driver	70	1,120	
1 drill man	70	1,120	
Supervision 20 hrs. per week at $2.00 per hr.	40	640	
			5,920

c c. Operating Materials and Supplies:

Dynamite & caps	50	800	
Gasoline	25	400	
Grease, oil & Kerosene	5	80	
Timber 13M at $85 per M		1,105	
Drill steel & bits	40	640	
Wheelbarrows, shovels, hand tools, etc.		300	
Safety boots, helmets, etd.		250	
700 ft. 2 inch ~~pxip~~ pipe at 90¢		630	
350 ft. 1 inch pipe at 60¢		210	
2 muck trucks-used $350 each		700	
300 ft. 60# track		900	
tie timber & spikes		200	
			6,215

d. Operating Equipment:

Rental:	Per week		
Gasoline Double Drum hoist	75	1,200	
105 cu. ft. air compressor	75	1,200	
$7\frac{1}{2}$ hp. water pump	25	400	
sump pump	10	160	
$\frac{1}{4}$ ton pickup truck	35	560	
2 jack hammers	15	440	
1 jack leg	20	320	
			4,280

e. None

f. Tool & Supply shed	300	300

Cook Mining Company, Inc.
Mr. Ed Ellis, President
c/o Mayland Motor Company
Spruce Pine, North Carolina

g. Miscellaneous:		
Telephone, office supplies, bookkeeping, insurance, workmen's compensation, etc	500	500
h. COntingencies:	300	300
		18,615

NOTE: To facilitate the keeping of records, it is respectfully requested that the DMEA offer the applicant a short form contract on the following basis:

220 ft. 5x7 timbered shaft at $60 per ft.	13,200
50 ft 5x7 drift at $40 per ft.	2,000
50 ft 5x7 cross cut drift at $40 per ft	2,000
Bulldozing shaft site 50 hrs at $12.00 per hr.	600
Bulldozing road to mine site (repairs) 50 hrs at $12.00 per hr.	600
Supervision 50 hrs at $2.00 per hr.	100
Miscellaneous Expenses	50
	$ 18,550

7. a. Yes

b. Money.

65687

CERTIFICATE OF INCORPORATION

OF

COOK MINING CO., INC.

* * * * * * * *

KNOW ALL MEN BY THESE PRESENTS:

That we, the undersigned, have this day voluntarily associated ourselves together for the purpose of forming a corporation under the laws of the State of North Carolina, and do hereby certify:

First: That the name of the said corporation is: Cook Mining Co., Inc.

Second: That the purpose for which said corporation is formed are:

(a) To initially engage in the primary business of exploring, prospecting, developing, mining and milling mica and minerals of every character and description.

(b) To purchase or otherwise acquire, to own, hold, lease, sell or otherwise dispose of, deal in and improve real estate, and to mortgage, convey in trust or otherwise encumber the same and to erect, manage, care for, maintain, extend and alter buildings thereon and other improvements.

(c) To purchase or otherwise acquire, to own, hold, lease, sell or otherwise dispose of, deal in and improve real estate, and to mortgage, convey in trust or otherwise encumber or hypothecate the same.

(d) To enter into partnerships or into any arrangement for sharing profits, union of interest, corporation, joint adventure, reciprocal concession, or otherwise, with

any person, partnership, firm or corporation, in any business or transaction in which this corporation is authorized to carry on or engage in so as to directly or indirectly benefit this corporation.

(e) To take, acquire by purchase, exchange or otherwise, and to own, hold, deal in, sell or otherwise dispose of, mortgage, hypothecate or otherwise encumber, letters patent and inventions and shares of stock or bonds, and while the owner of said shares to vote the same.

(f) To borrow money and to execute and deliver its secured promissory note or notes or other evidences of indebtedness therefor.

(g) To issue bonds, notes, debentures, certificates, script or other corporate obligations or evidences of debt, and to secure the payment therefor by mortgage, pledge or deed of trust of or upon the whole or any portion of the corporate property, funds, credits and franchises and to sell, pledge or otherwise use or dispose of the same.

(h) To exercise in respect to all such bonds, notes, mortgages, shares of capital stock and other securities and other obligations, any and all rights, powers and privileges of individual owners thereof; including the right to vote upon any shares of stock held by it to the same extent that a natural person might or could do.

(i) To carry on business in states outside of North Carolina and to purchase and hold real and personal property in said states.

(j) To engage in any and all lawful business other than those above specified which may be permitted by any law or laws of the State of North Carolina now in force or hereinafter enacted, and for which no special authorization or permit is necessary.

(h) To do and perform all things whatsoever that shall be necessary or proper for the full and complete execution of the foregoing purposes.

(i) To act as guarantor or surety on contracts, notes, bonds, mortgages, deeds of trust or other securities.

Third: That the principal office for the transaction of the business of this corporation is to be located in Spruce Pine, Mitchell County, North Carolina. That the name and address of the agent authorized to accept service on the corporation in the State of North Carolina is E. A. Ellis, Spruce Pine, N. C.

Fourth: That this corporation is authorized to issue only one class of shares of stock, the total number of which is 3 shares with no par value.

Fifth: That the number of directors of said corporation shall be three (3) who must be shareholders and the names and addresses of the persons who are appointed to act as the first directors and to hold office until the selection and qualification of their successors are as follows:

E. A. Ellis, President	Spruce Pine, North Carolina
Frank E. Ellis, Vice. Pres.	Spruce Pine, N. C.
Fletcher Phillips, Secty-Treas.	Spruce Pine, N. C.

Sixth: That the duration of this corporation shall be 100 years; original capital to commence business to be $30.00.

Seventh: That the following shares of stock have been subscribed by the incorporators:

E. A. Ellis	Spruce Pine, N. C.	(1) share
Frank E. Ellis	Spruce Pine, N. C.	(1) share
Fletcher Phillips	Spruce Pine, N. C.	(1) share

Eighth: That the number of persons named above shall constitute the number of directors in the corporation until changed by amendment to the by-laws.

Ninth: Said corporation shall not have the power to levy assessments upon the shares or shareholders thereof.

Tenth: The shareholders of said corporation shall have preemptive rights to subscribe to any and all issues of shares of securities.

In Witness Whereof, the persons named herein as directors have hereunto set their hands this ___day of July, 1951.

E. A. Ellis

Frank E. Ellis

Fletcher Phillips

STATE OF NORTH CAROLINA)
) SS
MITCHELL COUNTY)

On this 11 day of July, 1951, before me, the undersigned notary public in and for the State of North Carolina, residing therein, duly commissioned and sworn, personally appeared E. A. Ellis known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my official seal in the County of Mitchell, the day and year first hereinabove written.

Tess Burleson
Notary Public of said County and State

(NOTARIAL SEAL)

My commission expires:

Jan. 17, 1952

STATE OF NORTH CAROLINA)
) SS
MITCHELL COUNTY)

On this 11 day of July, 1951 before me the undersigned notary public in and for the State of North Carolina, residing therein, duly commissioned and sworn, personally appeared Frank E. Ellis known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my official seal in the County of Mitchell, the day and year first hereinabove written.

Tess Burleson
Notary Public of said County and State

(NOTARIAL SEAL)

My commission expires:

Jan. 17, 1952

STATE OF NORTH CAROLINA)
) SS
MITCHELL COUNTY)

On this 11 day of July, 1951, before me, the undersigned notary public in and for the State of North Carolina, residing therein, duly commissioned and sworn, personally appeared Fletcher Phillips known to me to be the person whose name is subscribed to the within instrument, and acknowledged

to me that he executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my official seal in the County of Mitchell, the day and year first hereinabove written.

Tess Burleson
Notary Public of said County & State

(NOTARIAL SEAL)

My commission expires:

Jan. 17, 1952

FILED AUG 6 1951

THAD EURE

SECRETARY OF STATE

The area subject to exploration contract shall be limited to an area inscribed by a circle having its center at the new proposed shaft and a radius of two hundred fifty (250) feet in each and every direction therefrom.

(Copy of lease follows this statement.)

NORTH CAROLINA,

YANCEY COUNTY.

THIS AGREEMENT OF LEASE, made and entered into this 14th day of July, 1939 by and between E.A. ELLIS and wife, DOROTHY B. ELLIS and FRANK L. ELLIS and wife, LUCILLE C. ELLIS, of the County of Mitchell and State of North Carolina, sometimes hereinafter referred to as parties of the first part; and THE COOK MINING COMPANY, A North Carolina corporation, chartered under and by authority of the laws of the State of North Carolina, with its principal office in the Town of Spruce Pine, North Carolina, sometimes hereinafter referred to as party of the second part;

WITNESSETH:

That for and in consideration of the sum of ONE DOLLAR ($1.00) cash in hand paid by party of the second part to the parties of the first part, the receipt whereof is hereby acknowledged, parties of the first part, for themselves and their heirs and assigns, hereby lease unto the party of the second part and its successors and assigns for mining purposes the hereinafter described premises situate, lying and being in Cane Tree Township, Yancey County, North Carolina, adjoining the lands of L.L. Briggs and others, the same being known as the Charlie Robinson mining property, and more particularly described as follows:

> BEGINNING on a Chestnut standing north 54 west 12 poles from the mine and runs south 36 west 34 poles to a Maple on the lower bank of the road; thence south 54 east 24 poles to a Dogwood; thence north 36 east 38 poles to a Dogwood; thence north 54 west 24 poles to a Dogwood; thence south 36 west 34 poles to the beginning. Containing 10 and 1/8 acres.

IT IS AGREED BETWEEN the parties hereto that the term of this lease shall be for five years from this date with the privilege of the party of the second part to renew the same at the end of the said five year period, if it shall have fully

complied with the terms of this lease and shall have paid all of the royalties then due, for an additional term of five years upon the same terms and conditions as herein contained.

PARTIES OF THE FIRST PART GRANT to the party of the second part and its successors and assigns all of the usual and customary mining rights, including the right to dump waste wherever deemed by it convenient and necessary, to use present roads and to construct and use new roads if deemed necessary, to erect and install mining machinery and mining equipment and to remove the same at will, to erect mining sheds and shanties and use the same, to use all necessary stone, water and timber for mining purposes from the herein leased premises, to install phone lines and power lines and to do everything useful, convenient and necessary to the successful mining and removal from said premises.

PARTY OF THE SECOND PART, for itself and its successors and assigns, covenants with the parties of the first part and their heirs and assigns that it will mine said premises in a workmanlike manner and shall leave all shafts, cuts and tunnels reasonably clean at the termination of this lease or any renewal thereof, slides and cavein excepted, and agrees to pay to W.A. Ellis, as royalty for the use of said premises, one-eighth of the selling price, where sold, for all ores of every kind and description mined, removed and marketed by it from the herein leased premises, and further agrees to pay to the said W.A. Ellis, for parties of the first part, a royalty of one per cent for any other minerals encountered by it in its mining operation which can be saved and marketed by it at a profit.

IT IS MUTUALLY AGREED between all parties hereto that the royalties herein provided for shall be paid by the 10th of each succeeding month for all minerals mined, removed

and marketed from the herein leased premises during the preceding month.

IT IS FURTHER AGREED between all parties hereto that royalties are to be paid monthly [illegible] upon all parties hereto, and it is further agreed that the party of the second part will furnish to the said L.A. Ellis a duplicate copy of all bills of sale made by it for minerals from said premises, if so requested in writing by the said L.A. Ellis; and it is further agreed that parties of the first part shall be free to inspect said premises at all times within reasonable working hours.

PARTY OF THE SECOND PART, for itself and its successors and assigns, agrees to so work and mine said property so as to constitute itself an independent contractor and to hold the parties of the first part free and harmless for any injury or damage done to any person, or persons, by reason of any said mining operation.

IT IS FURTHER AGREED that the party of the second part will begin mining operations on said premises within sixty days from this date and will continue to mine thereafter in a bona fide manner and in good faith and that if party of the second part, or its successors or assigns, shall fail to so mine said premises for a period of sixty consecutive days, unless hindered from doing so by acts of God, of war, or other causes beyond its control, then the parties of the first part or their heirs or assigns may, at their option, declare this lease to be null and void and may re-enter and retake possession of the same without legal or other notice to party of the second part, or its successors or assigns; and it is further agreed that the party of the second part or its successors or assigns may terminate this lease or any renewal thereof at will by complying with the terms of this lease or any renewal thereof and by paying all royalties then due to the said L.A. Ellis or his heirs

or assigns and by giving to the said E.A. Ellis or his heirs or assigns thirty days written notice of its intention so to do; and it is mutually agreed between all parties hereto that if party of the second part or its successors or assigns shall so terminate this lease or any renewal thereof, then neither parties of the first part nor their heirs, nor their assigns shall have any cause of action or damages against party of the second part or its successors or assigns for so doing.

IT IS FURTHER MUTUALLY AGREED between all parties hereto that this paper writing is the whole and entire contract between all parties hereto and that if any change or alteration is to be made in this contract, said change or alteration shall be made in writing and signed with the same formalities as this paper writing, and that this contract shall be equally binding upon the parties of the first part, and their heirs, assigns and legal representatives, and upon the party of the second part and its successors and assigns.

IN WITNESS WHEREOF, parties of the first part have hereunto set their hands and affixed their seals in duplicate , and party of the second part has caused these presents to be signed in its name by its President and attested to by its Secretary and its Corporate Seal to be placed hereon in attestation hereof, all by order of its Board of Directors in regular session duly given upon the day and year first hereinabove written.

E A Ellis (SEAL)

Dorothy H. Ellis (SEAL)

J E Ellis (SEAL)

Lucille P. Ellis (SEAL)

ATTEST:
J E Ellis
Secretary

(CORPORATE SEAL)

COCK MINING COMPANY,
By E A Ellis (SEAL)
President

NORTH CAROLINA,

MITCHELL COUNTY.

I, TESS BURLESON, Notary Public, in and for the County of Mitchell, State of North Carolina, do hereby certify that L.A. ELLIS and wife, DOROTHY F. ELLIS, and FRANK E. ELLIS and wife, MARILLE C. ELLIS, this day personally appeared before me and acknowledged the due execution by them of the foregoing instrument for the purposes therein expressed.

Witness my hand and notarial seal this 17th day of July, 1953.

Tess Burleson
NOTARY PUBLIC

My comm. will expire:
1-17-54

NORTH CAROLINA,

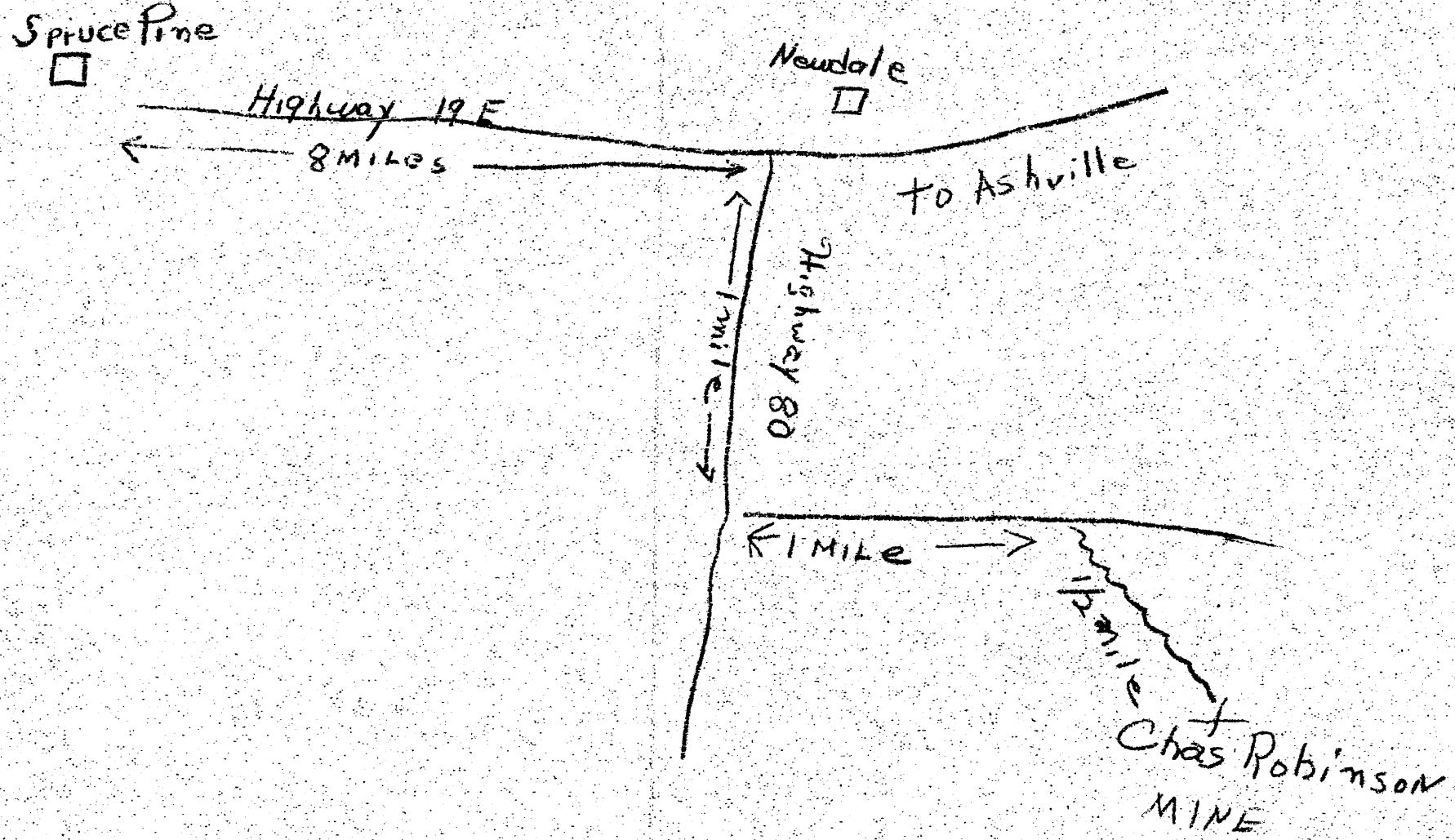
MITCHELL COUNTY.

FRANK E. ELLIS, being duly sworn by me, deposes and says that he is the Secretary of The Cook Mining Company and that he is the custodian of the Corporate Seal of said company, that he saw L.A. Ellis, President of said company, affix his name to the foregoing instrument as president of said company, and that he himself affixed the corporate seal of said company to this instrument in attestation to the signature of the said L.A. Ellis.

Witness my hand and notarial seal this 17th day of July, 1953.

Tess Burleson
NOTARY PUBLIC

My comm. will expire: 1-17-54
(Notarial Seal)

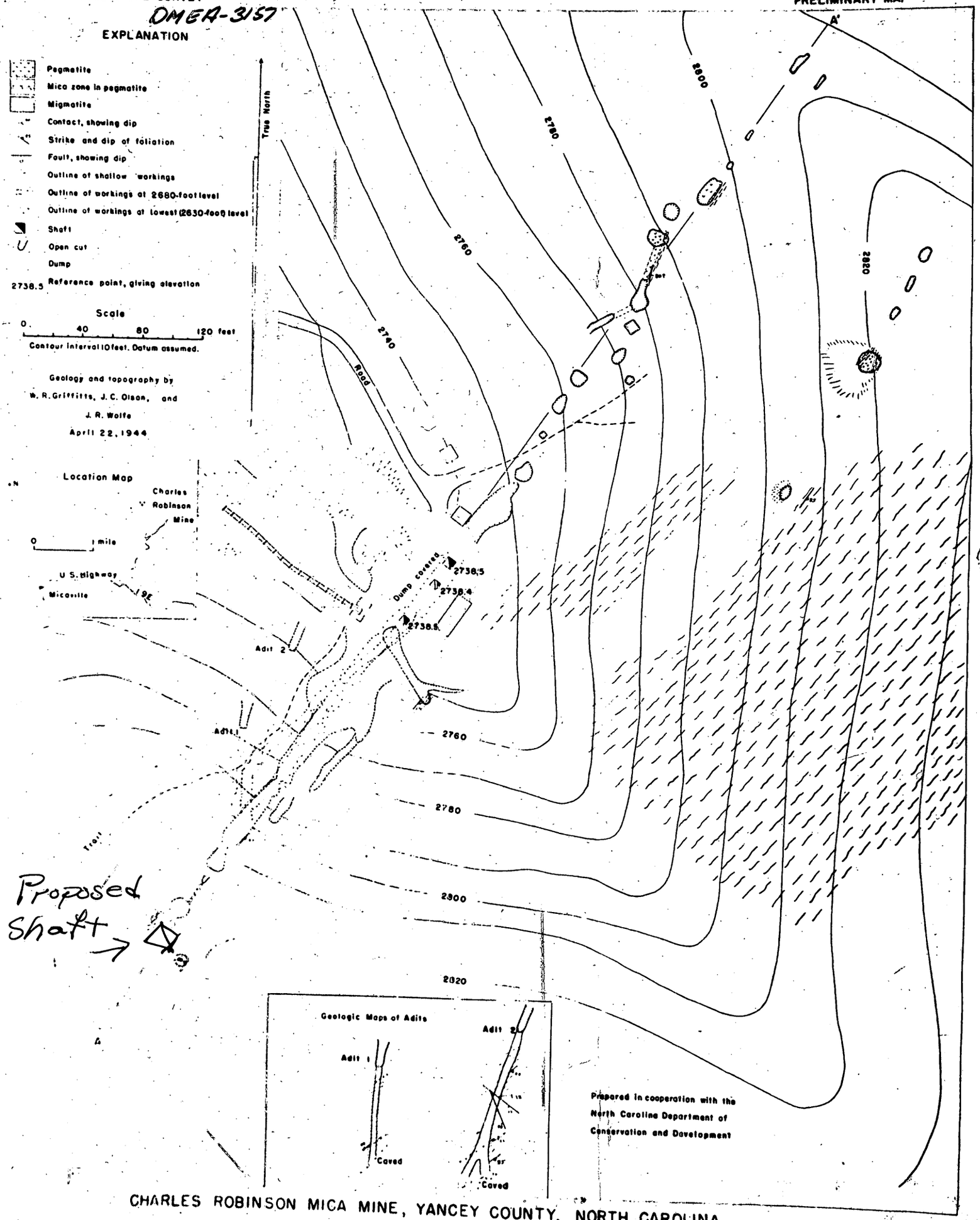

Spruce Pine
Newdale
Highway 19 E
8 MILES
to Ashville
Highway 80
1 mile
1 MILE
1½ mile
Chas Robinson
MINE

DMEA-3157

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA-3157

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



CHARLES ROBINSON MICA MINE, YANCEY COUNTY, NORTH CAROLINA

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

Project Summary Report

By: Walter C. Anderson WCA February 10, 1955 JGH

1. Docket No. DMEA-3157 - Mica
Contract No. Idm-E646
Charles Robinson Mica Mine
Yancey County, North Carolina

Operator: Cook Mining Company, Inc.
C/o Mayland Motor Company
Spruce Pine, North Carolina

Application: Form MF-103 (April, 1952) received September 8, 1953. Work proposed: Bulldozing shaft site, 220 feet of shaft and 100 feet of drifts and/or crosscuts.
Amount requested - $18,550.00

Operator's property rights -
Lease for 5 years with option for 5 additional years, dated July 14, 1953.
Owner's Consent to Lien dated December 1, 1953.

2. Contract: Form MF-200 (A) (February, 1952), dated December 14, 1953.

Work authorized:

Stage I - Dewatering and reconditioning existing 104-foot shaft	$1,000.00
Stage II - Construction - toolhouse	150.00
Powder magazine	50.00
Exploder magazine	20.00
80 feet of shaft @ $55.00/ft.	4,400.00
100 feet of drift @ $35.00/ft.	3,500.00
Estimated total cost of project	$9,120.00
Government participation @ 90%	$8,208.00

Plan of exploration: In two stages. Stage I consisted of dewatering and reconditioning existing shaft, after which an examination was made to determine the justification for accomplishment of Stage II.

Amendments:

No. 1 - 1/21/54 - Provided for construction of headframe @ $550.00, increasing project cost to $9,670.00.

No. 2 - 2/12/54 - Increased time for commencement of work from 60 days to 90 days and completion date from 10 months to 11 months.

No. 3 - 11/5/54 - Extended completion date from 11 months to 13 months and added 80 feet of drifting increasing project cost from $9,670.00 to $12,470.00.

Work completed:

Dewater and recondition existing 104-foot shaft	$1,000.00
Construction - Toolhouse	150.00
Powder magazine	50.00
Exploder magazine	20.00
Headframe	550.00
80 feet of shaft @ $55.00/ft.	4,400.00
180 feet of drifts and/or crosscuts @ $35.00/ft.	6,300.00
Total accepted cost	$12,470.00
Government participation @ 90%	$11,223.00

Work began on March 1, 1954, and completed on November 29, 1954. About 1,500 pounds of "mine run" mica recovered during operation. Final field team report received December 15, 1954. Operator's final report received December 15, 1954.

3. Audit - certificate issued January 6, 1955.

Accepted cost	$12,470.00
Government participation	$11,223.00

4. Certification of discovery issued 2-18-55.
An accurate estimate of reserves cannot be made because of the discontinuous nature of the bodies, their variable size and unsystematic arrangement.

5. Comments:

How conducted - The work authorized in the contract was completed in a satisfactory manner. Time extensions granted and additional work authorized were justified to thoroughly explore the deposit.

Operation - good.

Engineering - Reporting by Operator was satisfactory.

Geological premise - The premise that the unexplored pegmatites below old workings would continue to produce significant amounts of strategic mica was partially realized.

Geological criteria upon which work was based:

1. Several pegmatites up to 6 feet thick.
2. Scattered concentrations of strategic mica throughout the pegmatite.
3. Past production.

Criteria developed during project:

1. Several discontinuous, conformable, S-shaped pegmatites 1 to 5 feet thick and from 8 to 35 feet in length.
2. Mica occurrence - in some pegmatites of strategic quality, in some badly mineral stained and in some essentially barren.

Future possibilities - Additional exploratory work is not warranted.

Recommendation: The Nonmetallic Minerals Division concurs in the Field Team's recommendation to issue a certification of discovery or development and that no further exploratory work is justified. The Geological Survey and the Bureau of Mines also concur.

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DMEA
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DATE	INITIALS	CODE
8/15	N.g.	286
15	Com	100
11	JH	110
8/18	EEC	800
		600

DMEA EXPLORATION PROJECT

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

ON

DMEA-3157, Idm-E646 (mica) CHARLES ROBINSON MICA MINE
Yancey County, North Carolina

Reporting Period: 3-12-58 to 8-1-58. Examined: August 1, 1958

Operator: Cook Mining Company, Inc. c/o Mayland Motor Co., Spruce Pine, North Carolina.

The B. T. & E. Mining Company, whose application for DMEA assistance under Docket No. DMEA-4925 was denied, is sinking a shaft at the location recommended in the Field Examination Report. This is 200 feet NE of the original DMEA shaft. When visited by the writer it was down about 25 feet and was following a narrow pegmatite. No one was working at the time of the examination and it is not known how much mica if any has been recovered by this work.

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

August 13, 1958

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DMEA
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DMEA EXPLORATION PROJECT

Semi-Annual Report of Certified Project

On

DMEA-3157, Idm-E646 (mica) CHARLES ROBINSON MICA MINE

Yancey County, North Carolina

Reporting: 7-1-57 to 3-12-58.

Operator: Cook Mining Co., Inc. c/o Mayland Motor Co., Spruce Pine, N.C.

This mine was idle when visited March 12, 1958 but all the equipment on the surface was in place. It was later learned from Frank Ellis, one of the partners, that after being idle since the latter part of May 1957, operations were resumed early in November and continued until the middle of February. Mica was sold to the Government during this period under the name of "B" Mining Company.

The Cook Mining Company, Inc., completed payment of the Government's participation amounting to $11,223.00 August 6, 1956. Below are listed the production figures todate:

	Type Mica	Pounds	Value
Production DMEA Ore (this period).	Sheet	205.37	$2,121.28
	Hand cobbed	8,270.00	2,100.01
	Punch	2,585.00	273.60
	Scrap	4,290.00	64.35
	Total	15,350.37	4,559.24
Production DMEA ore (previous)	Sheet	11,301.11	$135,966.29
	Hand cobbed	172,662.00	150,846.07
	Punch	43,417.82	6,533.26
	Scrap	106,370.00	1,583.47
	Total.....	333,750.93	$294,929.09
Production DMEA Ore (to date)	Sheet	11,506.48	138,087.57
	Hand cobbed	180,932.00	152,946.08
	Punch	46,002.82	6,806.86
	Scrap	110,660.00	1,647.82
		349,101.30	299,488.33

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

April 16, 1958

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DMEA
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DATE	INITIALS	CODE
11/25	gf	220
"	Code	100

DMEA EXPLORATION PROJECT

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

DMEA-3157, Idm-E646, (mica) CHARLES ROBINSON MINE
Yancey County, North Carolina

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

Operator: Cook Mining Company Inc. c/o Mayland Motor Company,
Spruce Pine, North Carolina

This mine was visited October 22, 1957.

At the time of the visit the mine was not in operation. It was later learned from B. G. Thomas, Jr., one of the partners, that the mine had not been worked since late in May. Their last operation was on the 75-foot level where they operated under difficulty because their bucket was not near the landing at this level. ?

The Cook Mining Company, Inc., completed payment of the Governments participation amounting to $11,223.00, on Aug. 6, 1956.

Below are the production figures to date:
Production DMEA Ore (this period)--

Type mica	Pounds	Value
Sheet	2,957.92	$28,125.20
Hand cobbed	--	4,984.70*
Punch	42,890.82	6,490.43
Scrap	87,655.00	1,310.77
	133,503.74	$40,911.10

* Total of final payments on 5 lots reported on last interim report.

Production DMEA Ore (Previous)

Type mica	Pounds	Value
Sheet	8,343.19	$107,841.09
Hand cobbed	172,662.00	145,861.37
Punch	527.00	42.83
Scrap	18,715.00	272.70
Total	200,247.19	$254,017.99

Production DMEA Ore (todate)

Type Mica	Pounds	Value
Sheet	11,301.11	$135,966.29
Hand Cobbed	172,662.00	150,846.07
Punch	43,417.82	6,533.26
Scrap	106,370.00	1,583.47
Total	333,750.93	$294,929.09

Wm. A. Beck, Mining Engineer
Bureau of Mines

Nov. 22, 1957

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DATE	INITIALS	CODE
1-25	[illegible]	270
"	[illegible]	110
	[illegible]	170
	[illegible]	[illegible]
		270

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

[illegible] POST OFFICE BLDG.
KNOXVILLE 2, TENN.

January 2[illegible], 1960

Memorandum

To: Operating Committee, OME - Washington, D. C.

From: OME Field Team, [illegible] - Knoxville, Tennessee

Subject: Mica production of certain DMEA projects.

As requested in Mr. Johnson's memorandum of January 13, the best available data on production of 14 DMEA projects have been compiled, and are presented in the table which accompanies this memorandum.

We would suggest addition of three more projects to the list, as they make significant contribution to the totals purchased by GSA. These are:

DMEA No.	Mine	Trimmed Mica Pounds	Trimmed Mica Value	Hand cobbed Pounds	Hand cobbed Value
1876	Cattail	9820.26	$149,957.57	----	---
2377	Self	1814.10	36,195.34	65,493.00	*
2917	Allman Cove	3764.52	65,526.99	—	—
4337	Hawk	3689.30	68,589.12	—	—

* Value included with trimmed mica; not available separately.

Robert A. Laurence
Robert A. Laurence,
Executive Officer, OME-Region V

V. J. Lynch
V. J. Lynch, Member
Bureau of Mines

MICA PRODUCTION OF CERTAIN DMEA PROJECTS

[illegible]	[illegible]	Trimmed Mica Pounds	Trimmed Mica Value	Hand Cobbed Pounds	Hand Cobbed Value	REMARKS
[illegible]	[illegible]	1365	$20,[illegible]	33,869	$122,724	Not operating
[illegible]	[illegible]	[illegible],622	[illegible]	---	---	Not a certified project. No hand cobbed mica sales reported.
[illegible]	[illegible]	[illegible],820	[illegible]	[illegible],266	---	Mine still operating
[illegible]	[illegible]	[illegible],132	134,[illegible]	[illegible]	[illegible],694	Not operating
[illegible]	[illegible]	[illegible]	207,[illegible]	---	---	No hand cobbed sales reported
[illegible]	[illegible]	[illegible],[illegible]	[illegible]	[illegible],000	---	Value of hand cobbed mica included in trimmed mica.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Not operating
[illegible]	[illegible]	[illegible]	[illegible],104	[illegible],160	---	Value of hand cobbed included with trimmed.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible],214	176,772	Not operating
[illegible]	[illegible]	[illegible],[illegible]	[illegible]	[illegible],114	25,055	Not operating
[illegible]	[illegible]	[illegible],[illegible]	[illegible]	[illegible],240	1,475	Not operating
[illegible]	[illegible]	[illegible],281	116,254	[illegible],717	---	Still operating. Value of hand cobbed included with trimmed.
[illegible]	[illegible]	[illegible],540	624,734	---	---	Still operating. Only trimmed mica sold.

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DMEA
RECEIVED JUN 12 1957

DATE	INITIALS	CODE
6/12	2WG	220
12	Comm	100

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

EXPLORATION PROJECT

DMEA-3157

Reporting Period: 7-1-56 to 1-1-57. Examined: 4-10-57

Operator: Cook Mining Co., Inc. c/o Mayland Motor Co. Spruce Pine, N.C.

Mine Name: Charles Robinson. County: Yancey: State: North Carolina

Docket No. DMEA-3157. ContractNo. 646 Commodity: Mica

Date of Contract: 12-14-53. Certified: 2-21-54 2-18-55 ama

Expiration Date of Royalty Payments: 12-14-65

Total Amount of Contract: $12,470.00

Total Expended Under Contraca: $12,470.00

Government Participation at 90%---$11,223.00

Royalty Payments this Period: $633.72 . Previous Royalty Paid: $10,589.28

Total Royalty to Date: $11,223.00. Percent Gov't Participation--100%

Royalty Due: None

Royalty Remarks: The Operator repaid the Government's advance August 6, 1956.

Original Estimate of DMEA Reserves(Field Team Final Report) None made

Production DMEA Ore (this period)	Type	Pounds	Value
	Sheet	3803.72	$37,204.02
	Hand cobbed	none	
	Punch	unknown	
	Scrap	unknown	
	Total	3803.72	$37,204.02

Production DMEA Ore (Previous)			
	Sheet	4539 .47	70,637.07
	Hand Cobbed	172,662 .00	145,861.37 *
	Punch	527.00	42.83
	Scrap	18715 .00	272.70
	Total	196,443.47	$216,813.97

* Does not include final payment on 5 lots.

Productuion DMEA Ore (Todate)

Type	Pounds	Total
Sheet	8,343.19	$107,841.09
Hand cobbed	172,662.00	145,861.37
Punch	527.00	42.83
Scrap	18,715.00	272.70
Total.....	200,247.19	$254,017.99

23374

Remarks: The writer visited the subject mine April 10, 1957. At that time they were getting ready to blast, therefore, the mine was not inspected. The man at the hoist stated they were now operating about 75 feet back from the shaft on the 75-foot level.

The production given above is not complete as the records were not available when the writer was at Spruce pine. An effort will be made to get complete production for the next interim report.

6/10/57.

Wm. A. Beck, Mining Engineer
Bureau of Mines

z

E-646

For Certificate of Deposit No. 17, dated August 9, 1956, giving royalty repayment of $342.87, see E-77.

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

RECEIVED
AUG 13 1956

August 8,1956

Memorandum

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

From: Executive Officer - DMEA - Knoxville, Tenn.

Subject: Royalty Payment - DMEA-3157, Idm-E646 (mica)
Chas. Robinson Mine, North Carolina

Transmitted is a letter from Cook Mining Co., transmitting a check in the amount of $342.87, the balance of royalty due on the subject contract. No bills-of-sale accompanied the check and the letter does not state that a sale was made.

Robert A. Laurence

ZM.

cc
Lynch
Mittendorf
Files

Pauline Lutz

C O P Y

C O P Y

RECEIVED
AUG 13 1956

COOK MINING COMPANY

Spruce Pine, N. C.

August 6, 1956

Mr. V. J. Lynch, Acting
Executive Officer,
Defense Minerals Exploration Adm.
Post Office Bldg.
Knoxville 2, Tennessee

RE: DMEA-3157, Idm-E646

Dear Mr. Lynch:

Attached check in the amount of $342.87 represents the balance due the Government on our contract.

We wish to express our sincere thanks to your department for the assistance you gave us in securing this contract and the manner in which it has been handled.

Very truly yours,

COOK MINING COMPANY

S/ F. E. Ellis

Copied by ZM.
cc:
Mittendorf
Lynch
Files

8/8/56

For Certificate of Deposit No. 7, dated July 17, 1956, giving royalty repayment of $290.85, see E-311.

RECEIVED
JUL 18 1956

July 16, 1956

Memorandum

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

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

Subject: Royalty Payment - Idm-E646, DMEA-3157, (mica)
Cook Mining Co. Spruce Pine, N.C. Chas. Robinson Mine,
Yancey County, N.C.

Transmitted are bills-of-sale for mica from the subject mine, and a royalty check in the amount of $290.85 for 5% royalty on the sales.

V. J. Lynch

VJL/sm

cc:

Mittendorf

Lynch

Shirley
Files

copy

RECEIVED
JUL 18 1956

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED 5-21-56 ACCEPTANCE No.
CERTIFICATE AUTHORIZATION No. 100B	LOT No.	VOUCHER No.
RUBY NON-RUBY X	TOTAL LBS. PURHCASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	9740.00	3100.00
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Chas. Robinson	COUNTY - STATE N.C
	DMEA No. 3157	Idm-E 646
	Seller: Cook Mining Co	
	Address: Spruce Pine, N.C	
	Title: F. E. Ellis, partner	

Copy

RECEIVED
JUL 18 1956

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED 5-24-56 ACCEPTANCE No. [redacted])
CERTIFICATE AUTHORIZATION No. 100 B	LOT No. [redacted])	VOUCHER No.
RUBY NON-RUBY X	TOTAL LBS. PURHCASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	9730.00	3100.00
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Chas. Robinson	COUNTY - STATE N.C.
	DMEA No. 3157 Idm-E 646	
	Seller: Cook Mining Co	
	Address: Spruce Pine, N.C	
	Title: J.E. Ellis, Partner	

copy

RECEIVED
JUL 18 1956

GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT
Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 5-15-56

Acceptance No. 194 (a)

Certificate Authorization No. 100B LOT No. 194(a) SP-B04

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	527.24	174.18	187.31	165.75	5375.35
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process- Gain Loss					
Total Lbs Purchased	8515.00				

Less: Initial Payment - Voucher No. Cost of refining & trimming Sch. No. 2108.96 3650.00

Balance Due Government Seller 383.11

Seller's Name: Cook Mining Co

Address: Spruce Pine, N.C

By: F. E. Ellis

NAME OF MINE: Chas. Robinson

DMEA No. 3157 Idm-E 646

Approved

Date:

Oak Ridge, Tennessee

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO.
14-23-070-116

For credit of 428 Br. Troy. Regional Office, Oak Ridge, Tenn. 6/20/56
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with Hamilton National Bank, Knoxville, Tennessee
(Name and location of depositary)

$ 866.67

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-E-614 Willis Mining Co. (Royalty Payment)	5.45
	Idm-E-646 Chase Robinson Mine(Royalty Payment)	861.22

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
Bureau of Mines, Dept. of Interior
Helen R. Miller, Adm. Asst.
P. O. Box 217
Norris, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

RECEIVED
JUL 2 - 1956

June 28, 1956

Memorandum

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

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty Payment - Idm-E6h6, DMEA-3157, Chas Robinson Mine Spruce Pine, N. C.

Transmitted are bills-of-sale in the amount of $17,224.45 and check No. 130 representing 5% royalty due on the sale in the amount of $861.22 to be credited to the subject contract.

Robert A. Laurence

By:

ZM,

cc:

Lynch
Mittendorf

Files

ct no. 130
861.22
*

3 1 7 4 4 5
2 7 5 0 0 0
3 6 5 0 0 0
4 2 0 0 0 0
3 4 5 0 0 0

1 7 2 2 4 4 5 *

5% - 8 6 1 2 2

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

RECEIVED
JUL 2 - 1956

DATE- 5-18-56

Acceptance No.
B04-167(a)

Certificate Authorization No. EPS-11 1103B

LOT No. 0-167(a)

RUBY [ ] NON-RUBY [X]	TOTAL LBS.	Lbs. of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT	5620	385.62	169.88 S 106.25 HS	9005.49
LESS INITIAL PAYMENT		250.00	150.00 S 150.00 HS	4871.50
AMT. DUE GOV. [ ] SELLER: [ ]	~~LESS COST OF RUBBING & TRIMMING~~			959.34 3174.45

DMEA- 3157 Idm-E 646

Seller: Cook Mining Co 5-18-56

MINE. Charles Robinson Address Spruce Pine N.C.

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE- 5-16-56

Acceptance No.

Certificate Authorization No. EPS-4-100B

LOT No.

RUBY [ ] NON-RUBY [X]	TOTAL LBS.	Lbs. of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT				
~~LESS~~ INITIAL PAYMENT	6370.00	50.00	50.00 S 50.00 HS	3750.00
GOV. [ ]	~~Less Cost of Mining~~	~~Shipping~~		1000.00
AMT. DUE SELLER: [ ]				2750.00

DMEA- 3157 Idm-E 646

Seller: Cook Mining Co

MINE. Charles Robinson C1

Address Spruce Pine N.C.

F.E. Ellis

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 5-16-56

Acceptance No.

Certificate of Authorization No. EPS-4-100B

LOT No.

RUBY [ ] NON-RUBY [X]	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT				
~~LESS~~ INITIAL PAYMENT	8915.00	150.00	150.00 S 150.00 H.S	3250.00 1600.00
AMT DUE Gov [ ] SELLER [ ]	~~Less rifling & trimming~~			3450.00

DMEA- 3157 IDm-E 646

Seller: Cook Mining Co

MINE; Chas Robinson Address F.E. Ellis

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE- 5-16-56

Acceptance No.

Certificate Authorization No. 100 B

LOT No.

RUBY ☐ NON-RUBY ☒	TOTAL LBS.	Lbs. of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT				
~~Less~~ INITIAL PAYMENT	10240.00	200.00	150.00 100.00	6000.00
GOV. ☐	~~Less refunds~~			1600.00
AMT. DUE SELLER: ☐				4200.00

DMEA- 3157 Idm-E 646 By. F.E Ellis

Seller: ~~Cooper~~ Cook Mining Co

MINE. Chas Robinson Address

Spruce Pine

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE- 5-15-56

Acceptance No.

Certificate Authorization No. EPS-4-1008

LOT No.

RUBY [ ] NON-RUBY [X]

	TOTAL LBS.	Lbs. of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT				
~~[illegible]~~ INITIAL PAYMENT	8515.00	200.00	100.00 S 60.00 H.S	5050.00
GOV. [ ]	~~Less refining & [illegible]~~			1400.00
AMT. DUE SELLER: [ ]				3650.00

DMEA- 3157 Idm-E 646

Seller: Cook Mining Co

MINE. Chas. Robinson Address Spruce Pine

F.E. Ellis

RECEIVED
JUL 2 - 1956

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THE DEPOSIT IS NOT SUBJECT TO CHECK

Oak Ridge, Tennessee

DEPOSIT NO. 14-23-070-106

For credit of Br. Troy. Regional Office, Oak Ridge, Tenn. 5/18/56
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with Hamilton National Bank, Knoxville, Tennessee
(Name and location of depositary)

$ 892.91

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-D-646 Cook Mining Company	892.91

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
Bureau of Mines, Dept. of Interior
Helen R. Miller, Adm. Asst.
P. O. Box 217
Norris, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 208 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
MAY 21 1956

May 17, 1956

Memorandum

To: Ass't Administrative Officer, Region V - Morris

From: Acting Executive Officer, DMEA - Region V

Subject: Royalty Payment - Idm-5646, DMEA-3157, Cook Mining Co., Spruce Pine, N. C.

Transmitted are bills-of-sale in the amount of $17,858.15, and a check for 5% royalty in the amount of $892.91 to be credited to the subject certified project.

V. J. Lynch

ZM.

cc:
Mittnedorf
Lynch
Files

5,446.27
4,588.81
4,472.16
3,350.89

17,858.15
17,858.15

892.91

COPY

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 4-26-56

Acceptance No. B04-144(a)

Certificate of Authorization No. EPS-4-100B

LOT No. 144(a)

RUBY [ ] NON-RUBY [X]	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT	12640.00	400.86	351.44 S 153.25 HS	8457.32
LESS INITIAL PAYMENT		100.00	50.00 S 10.00	1698.00
AMT DUE Gov [ ] SELLER [X]	~~Less trimming + splicing~~			1313.05 5446.27

DMEA-3157 IDm-E 646

Seller: Cook Mining Co.

MINE; Chas Robinson Mine Address

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 4-26-56

Acceptance No. B04-143(a)

Certificate of Authorization No. EPS-4-100B

LOT No. 143(a)

RUBY [ ] NON-RUBY [X]

	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT	11690.00	342.50	300.69-S 146.44-HS	7164.02
LESS INITIAL PAYMENT		75.00	70.00-S 10.00 HS	1430.25
AMT DUE Gov				1144.96
SELLER	~~Less Cost of Mining + Hoisting~~			4588.81

DMEA-3157 IDm-E646

Seller: Cook Mining Co.

MINE; Chas Robinson

Address Spruce Pine, N.C.

copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 4-13-56

Acceptance No. B04 140(a)

Certificate of Authorization No.

LOT No. 140(a)

RUBY [ ] NON-RUBY [X]	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT	11365.00	330.63	268.56 S 159.50 HS	7068.53
LESS INITIAL PAYMENT		75.00	75.00 S 25.00 HS	1496.25
AMT DUE Gov [ ] SELLER [ ]	~~Less Cost of cutting & trimmer~~			1100.10 4472.16

DMEA-3157 IDm-E 646

Seller: Cook Mining Co

MINE; Chas Robinson
Yancey County, N.C

Address Spruce Pine, N.C

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 4-13-56

Acceptance No. B04-141 (a)

Certificate of Authorization No.

LOT No. 141 (a)

RUBY [ ] NON-RUBY [X]	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT			304.38-S 169.06-HS	5871.28
LESS INITIAL PAYMENT			65.00-S 25.00 HS	1450.75
AMT DUE Gov [ ] SELLER [ ]	~~Less Cost of rifting & [illegible]~~			1069.84 3350.89

DMEA-3157 IDm-E 646

Seller: Cooks Mining Co

MINE; Chas. Robinson Address Spruce Pine, N.C.
Yancey County, N.C

RECEIVED
MAY 21 1956

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Oak Ridge, Tennessee

DEPOSIT NO. 14-23-070-98

For credit of 428 Br. Tray. Regional Office, Oak Ridge, Tenn. 4/25/56
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with Hamilton National Bank, Knoxville, Tennessee
(Name and location of depositary)

$ 274.47

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-E-740 Ray H. Fouts (Royalty Payment)	$ 3.20
	Idm-E-646 Cook Mining Company (Royalty Payment)	271.27

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
Bureau of Mines, Dept. of Interior
Helen R. Miller, Adm. Asst.
P. O. Box 217
Morris, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

APR 25 1956
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.
April 24, 1956

RECEIVED
APR 30 1956

Memorandum

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

From: Executive Officer, DMEA - Region V-Knoxville

Subject: Royalty payment- Idm-E646, DMEA-3157, Cook Mining Co.
Chas Robinson Mine, Yancey County, N. C. (mica)

Transmitted are bills-of-sale in the amount of $5425.41 and a check No.16, for 5% of the sales in the amount of $271.27, to be credited to the subject certified contract.

Robert A. Laurence

ZM.
cc:
Lynch
Mittendorf
Shirley
Files

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 1-13-56

Acceptance No. 110 (a)

Certificate of Authorization No. 100 B

LOT No. 110 (a)

RUBY [ ] NON-RUBY [X]

	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT	15470.00	449.01	253.68	14966.85
LESS INITIAL PAYMENT		450.00	100.00	15000.01
AMT DUE Gov [X] SELLER [ ]				33.16

DMEA- 3157 IDm-E 646

Seller: Cook Mining Co

MINE; Chas. Robinson Address Spruce Pine, N. C

Yancey County, N. C

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 2-17-56

Acceptance No. 129 (a)

Certificate of Authorization No. 100 B

LOT No. 129(a)

RUBY [ ] NON-RUBY [X]

	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT	7920.00	250.56	132.81	8351.92
LESS INITIAL PAYMENT		256.00	50.00	8533.35
AMT DUE Gov [X] SELLER [ ]				181.43

DMEA- 3157 IDm-E 646

Seller: Cook Mining Co

MINE; Chas. Robinson Mine Address Spruce Pine, N.C.
Yancey County, N.C

Copy.

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 3-6-56

Acceptance No. (none)

Certificate of Authorization No. 100 B

LOT No.

RUBY [ ] NON-RUBY [X]

	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT				
~~[illegible]~~ INITIAL PAYMENT	5620.00	230.00	150.00 S 150.00 H.S	5640.00
AMT DUE Gov [ ] SELLER [ ]	~~Less Cost Cutting & Trimming~~			788.50 4871.50

DMEA-3157 IDm-E 646

Seller: Cook Mining Co

MINE; Chas. Robinson
Yancey County, N.C.

Address Spruce Pine, N.C.

RECEIVED
APR 26 1956

E-646

For Certificate of Deposit No. 62, dated January 17, 1956, giving royalty repayment of $303.76, see E-410.

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

RECEIVED
JAN 18 1956

January 16, 1956

Memorandum

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

From: Executive Officer, DMEA - Region V

Subject: Royalty payments on mica sales

Transmitted are bills-of-sale and checks on the following:

DMEA-3157, Ida-2646, Cook Mining Co. Sales $6,075.25, royalty check $303.76

DMEA-2466, Ida-2410, Elk Mining Co. Sales $1257.79, royalty check $62.89

Robert A. Lawrence

RL
cc:
Lynch
Shirley
Mittendorf
Files

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 12-5-55

Acceptance No. 141

Certificate of Authorization No. 100 B

LOT No. 141

RUBY [ ] NON-RUBY [X]	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
~~TOTAL PAYMENT~~	10425.00	75.00	65.00 S 25.00 H.S	1690.00
~~[illegible]~~ INITIAL PAYMENT Less Cost of Rifting + trimming				239.25
AMT DUE Gov [ ] SELLER [ ]				1450.75

DMEA- 3157 IDm-E 646

Seller: Cook Mining Co

MINE: Robinson Mine Address Spruce Pine, N. C.

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 12-8-55

Acceptance No. B04-144

Certificate of Authorization No. 100B

LOT No. SPB-144

RUBY [ ] NON-RUBY [X]	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT				
~~LESS~~ INITIAL PAYMENT	12640.00	100.00	30.00 S 10.00 H.S	1930.00
AMT DUE Gov [ ] SELLER [ ]	~~Less cost of lifting & hauling~~			232.00 1698.00

DMEA-3157, Idm F 646 IDm-E

Seller: Cook Mining Co

MINE; Robinson mine

Address Spruce Pine, N. C

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 12-5-55

Acceptance No. 140

Certificate of Authorization No. 100B

LOT No. 140

RUBY [ ] NON-RUBY [X]

	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
~~TOTAL PAYMENT~~	11365.00	75.00	75.00 S 25.00 HS.	1750.00
~~LESS~~ INITIAL PAYMENT Less cost of rifting + trucking				253.75
AMT DUE Gov [ ] SELLER [ ]				1496.25

DMEA- 3157 IDm-E646

Seller: Cook Mining Co

MINE; Robinson

Address Spruce Pine, N.C

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 12-8-55

Acceptance No. 143

Certificate of Authorization No. 100B

LOT No. 143

RUBY ☐ NON-RUBY ☒	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
~~TOTAL PAYMENT~~	11690.00	75.00	70.00 S 10.00 H.S	1655.00
~~LESS~~ INITIAL PAYMENT Less reffling + Trimming				224.75
AMT DUE Gov ☐ SELLER ☐				1430.25

DMEA- 3157 IDm-E 646

Seller: Cook Mining Co

MINE; Robinson Mine Address Spruce Pine, N.C

RECEIVED
JAN 18 1956

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Oak Ridge, Tennessee

DEPOSIT NO. 14-23-070-50

For credit of 428 Br. Trey. [redacted]ional Office, Oak Ridge, Tenne[redacted]e 12/13/59
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with Hamilton National Bank, Knoxville, Tennessee
(Name and location of depositary)

$ 71.56

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-E-646 Cook Mining Company (Royalty Payment)	$ 37.70
	Idm-E-665 Hector Mining Company (Royalty Pay)	33.86

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
Bureau of Mines, Dept. of Interior
Helen R. Miller, Adm. Asst.
P. O. Box 217
Norris, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

DEC 13 1959
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

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

RECEIVED
DEC 14 1955

December 12, 1955

Memorandum

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

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty payments.

Transmitted are sale sheets and checks on the following:

Idm-3686, DMEA-3157, Cook Mining Co. Sales $753.93, Royalty $37.70.

Idm-3665, DMEA-3216, Hector Mining Co. Sales $677.13, Royalty $33.86

Robert A. Laurence

RA.
cc:
Lynch
Wittendorf
Shirley
Files

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 11-18-55

Acceptance No. 80 (a)

Certificate of Authorization No. 100 B

LOT No. 80(a)

RUBY [ ] NON-RUBY [X]

	TOTAL LBS. Purchased	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT	2980.00	113.06	4494	3768.63
LESS INITIAL PAYMENT		90.00	20.00	3000.02
AMT DUE Gov [ ] SELLER [ ]				768.61

DMEA- 3157 IDm-E 646

Seller: Cook Mining Co

MINE; Chas Robinson Mine Address Spruce Pine, N.C.

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE: 11-22-55

Acceptance No. B04- 94(a)

Certificate of Authorization No. 100 B

LOT No. 94(a)

RUBY [ ] NON-RUBY [X]

	TOTAL LBS. Purchased	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT	1700.00	49.56	21.31	1651.98
LESS INITIAL PAYMENT		50.00	20.00	1666.66
AMT DUE Gov [X] SELLER [ ]				14.68

DMEA-3157 IDm-E 646

Seller: Cook Mining Co

MINE; Chas Robinson Mine Address Spruce Pine, N.C

RECEIVED
DEC 14 1955

E-646

For Certificate of Deposit No. 41, dated November 17, 1955, giving royalty repayment of $453.02, see E-454.

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

RECEIVED
NOV 17

November 15, 1955

Memorandum

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

From: Executive Officer, DMEA - Region V

Subject: Royalty payment - Idm-R646, DMEA-3157, Cook Mining Co. Chas. Robinson Mine, Yancey County, N. C. (mica)

Transmitted are bills-of-sale in the amount of $9060.30, and a royalty check for 5% of the sale in the amount of $453.02.

Robert A. Laurence

ZM.
Lynch
Nittendorf
Shirley
Files

8,533.35
413.
485.63

9060.30
.05
$453.0150

copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N.C.

DATE 10-27-55

ACCEPTANCE 67(a)

Certificate Authorization No. 100 B

LOT NO. 67(a)

RUBY [ ] NON-RUBY [X]	TOTAL LBS'	LBS. of G. S. & Better	LBS. STAINED Mica	TOTAL VALUE
TOTAL PAYMENT	2220.00	84.57	34.06	2818.97
LESS INITIAL PAYMENT Sch. 133		70.00	20.00	2333.34
AMT. DUE GOV. [ ] SELLER [X]				485.63

DMEA-3157, DME 646

Seller: Cook Mining Co

MINE Chas. Robinson
Yancey County, N.C.

Address Spruce Pine
N.C.

RECEIVED
NOV 17 1955

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N.C.

DATE 10-26-55

ACCEPTANCE 61(a)

Certificate Authorization No. 1001B

LOT NO. 61 (a)

RUBY ☐ NON-RUBY ☒	TOTAL LBS'	LBS. of G. S. & Better	LBS. STAINED Mica	TOTAL VALUE
TOTAL PAYMENT	3550.00	126.24	51.06	4207.96
LESS INITIAL PAYMENT		125.00	25.00	4166.64
AMT. DUE GOV. ☐ SELLER ☒				41.32

DMEA-3157, Idm E646

Seller: Cool Mining Co

MINE Robinson Mine
Yancey County, N.C

Address Spruce Pine
N.C

RECEIVED
NOV 17 1955

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N.C.

DATE 10-26-55

ACCEPTANCE 129

Certificate Authorization No.	LOT NO.
100 B	129

RUBY ☐ NON-RUBY ☒	TOTAL LBS'	LBS. of G. S. & Better	LBS. STAINED Mica	TOTAL VALUE
TOTAL PAYMENT				
~~LESS~~ INITIAL PAYMENT	7920.00	256.00	50.00	8533.35
AMT. DUE GOV. ☐ SELLER ☐				

DMEA-3157, IdmE 646

Seller: Cook Mining Co

MINE Robinson Mine
Yancey County, N.C

Address Spruce Pine
N.C.

RECEIVED
NOV 17 1955

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Oak Ridge, Tennessee

DEPOSIT NO. 14-23-070-33

For credit of 428 BR TRSY Regional Office, Oak Ridge, Tenn. 10/11/55
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with Hamilton National Bank, Knoxville, Tennessee
(Name and location of depositary)

$ 1,052.85

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X1402	Idm-2646 Cook Mining Company (Royalty Payment)	$ 1,052.85

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
Bureau of Mines, Dept. of Interior
Helen R. Miller, Adm. Asst.
P. O. Box 217
Norris, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

[illegible]
(Authorized signature)

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

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

RECEIVED
OCT 12 1955

October 10, 1955

Memorandum

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

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty payment on - Idm-E646, DMEA-3157, Cook Mining Co.

Transmitted are bills-of-sale in the amount of $21,056.92, and a check for 5% royalty in the amount of $1,052.85 to be credited to the subject certified contract.

Robert A. Laurence

ZM.
cc:
Mittendorf
Lynch
Allaman
Shirley
Files

21 056.92
V-010
1052.85 0

2,122.97
629.33
15,000.01
3,304.61

21056.92
5% 21056.92

= 1052.85 Royalty

copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N.C.

DATE 9-23-55

ACCEPTANCE
004 29(a)

Certificate Authorization No.	LOT NO.
100-B	0-29(a)

RUBY ☐ NON-RUBY ☒	TOTAL LBS'	LBS. of G. S. & Better	LBS. STAINED Mica	TOTAL VALUE
TOTAL PAYMENT	3000.00	156.69	51.00	5222.95
LESS INITIAL PAYMENT-21-Sch 114		93.00	50.00	3099.98
AMT. DUE GOV. ☐ SELLER ☒				2122.97

DMEA-3157-Idm E 646

Seller: Cook Mining Co

MINE Chas. Robinson

Address Spruce Pine, N.C

Yancey County, N.C

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N.C.

DATE 9-9-55

ACCEPTANCE 7 (a)

Certificate Authorization No. 100-B

LOT NO. SPD-0-7(a)

RUBY [ ] NON-RUBY [X]	TOTAL LBS'	LBS. of G. S. & Better	LBS. STAINED Mica	TOTAL VALUE
TOTAL PAYMENT	1610.00	76.88	30.81	2562.64
LESS INITIAL PAYMENT 2, Sel-103		58.00	20.00	1933.31
AMT. DUE GOV. [ ] SELLER [ ]				629.33

DMEA-3157-Idm E646

Seller: Cook Mining Co.

MINE Chas Robinson
Yancey County, N.C

Address Spruce Pine, N.C.

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N.C.

DATE 9-8-55

ACCEPTANCE B04 — 110

Certificate Authorization No.	LOT NO.
100-B	110

RUBY ☐ NON-RUBY ☒	TOTAL LBS'	LBS. of G. S. & Better	LBS. STAINED Mica	TOTAL VALUE
TOTAL PAYMENT				
INITIAL PAYMENT	15,470.00	450.00	100.00	15,000.01
AMT. DUE GOV. ☐ SELLER ☐				

DMEA-3157, IdmE 646

Seller: Cook Mining Co

MINE Chas. Robinson

Address Spruce Pine, N.C.

Yancey County, N.C.

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N.C.

DATE 9-2-55

ACCEPTANCE 93(a)

Certificate Authorization No.	LOT NO.
100-B	93(a)

RUBY ☐ NON-RUBY ☒	TOTAL LBS'	LBS. of G. S. & Better	LBS. STAINED Mica	TOTAL VALUE
TOTAL PAYMENT	2290.00	163.94	64.06	5464.61
LESS INITIAL PAYMENT		64.80	20.00	2160.00
AMT. DUE GOV. ☐ SELLER ☒				3304.61

DMEA-3157, Idm E 646

MINE Chas. Robinson

Yancey County, N.C

Seller: Cook Mining Co

Address Spruce Pine, N.C

RECEIVED
OCT 12 1955

For Certificate of Deposit No. 27, dated September 13, 1955, giving royalty repayment of $1,254.11, see E-410.

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

RECEIVED
SEP 14 1955

September 12, 1955

Memorandum

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

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty payment on - DMEA-3157, Idm-E6h6, Cook Mining Co.
Charles Robinson Mine, (mica) North Carolina

Transmitted are bills-of-sale in the amount of $25,082.23, and a check for 5% royalty in the amount of $1,254.11, to be credited to the above contract.

Robert A. Laurence

ZM.
cc:
Allaman
Mittendorf
Lynch
Shirley
Cook Mining Co.

COPY

GENERAL SERVICES ADMINISTRATION MICA PURCHASING DEPOT, SPRUCE PINE, N. C.			DATE 8-1-55	
			ACCEPTANCE No. B04-61	
Certificate Authorization No. 100 B	LOT No. 61		VOUCHER No.	
RUBY ☐ NON-RUBY ☐	TOTAL LBS.	LBS. OF G.S & Better	LBS. STAINED MICA	TOTAL VALUE
TOTAL PAYMENT				
LESS INITIAL PAYMENT Voucher No. _____	3550.00	125.00	25.00	4166.64
INT. P.M. GOV. ☐ SELLER ☐				

	Seller Cook Mining Company — DATE 8-1-55
MINE Charles Robinson Mine	Address Spruce Pine, N. C.
BMEA-3157, Idm-E646	

RECEIVED
SEP 14 1955

COPY

GENERAL SERVICES ADMINISTRATION MICA PURCHASING DEPOT, SPRUCE PINE, N. C.			DATE 8-3-55 ACCEPTANCE No. B04-67	
Certificate Authorization No. 100-B	LOT No. SPB-67		VOUCHER No.	
RUBY ☐ NON-RUBY ☒	TOTAL LBS.	LBS. OF G.S & Better	LBS. STAINED MICA	TOTAL VALUE
TOTAL PAYMENT				
XXXXX VOUCHER No. 67	2220.00	70.00	20.00	2333.34
LESS INITIAL PAYMENT				
AMT. DUE G.V. ☐ SELLER ☐				

	Seller Cook Mining Company — DATE 8-3-55
~~Chas Robinson Mine~~ MINE Yancey County, N. C.	Address Spruce Pine, N. C.
~~DMEA-3157, Idm-E646~~	

RECEIVED
SEP 14 1955

COPY

GENERAL SERVICES ADMINISTRATION MICA PURCHASING DEPOT, SPRUCE PINE, N. C.			DATE 8-5-55	
			ACCEPTANCE No. B04-80	
Certificate Authorization No. 100 B	LOT No. SPB-80		VOUCHER No.	
RUBY ☐ NON-RUBY ☐	TOTAL LBS.	LBS. OF G.S & Better	LBS. STAINED MICA	TOTAL VALUE
TOTAL PAYMENT				
~~LESS~~ INITIAL PAYMENT voucher No. _____	2980.00	90.00	20.00	3000.92
~~XXXX~~ AMT. DUE GOV. ☐ SELLER ☐				

	Seller Cook Mining Co. — DATE 8-5-55
MINE : Charles Robinson Mine	Address Spruce Pine, N. C.
DMEA-3157, Idm-E646	

RECEIVED
SEP 14

COPY

GENERAL SERVICES ADMINISTRATION MICA PURCHASING DEPOT, SPRUCE PINE, N. C.			DATE 8-5-55	
			ACCEPTANCE No. B04-54 (a)	
Certificate Authorization No. 100 B	LOT No. 54(a)		VOUCHER No.	
RUBY ☐ NON-RUBY ☒	TOTAL LBS.	LBS. OF G.S & Better	LBS. STAINED MICA	TOTAL VALUE
TOTAL PAYMENT	3704.00	212.75	119.56	7091.60
LESS INITIAL PAYMENT voucher No. 17 - Sch. 376		57.5051		1916.84
AMT. DUE GOV. ☐ SELLER ☒				5174.76

	Seller Cook Mining Co. — DATE 8-5-55
MINE Charles Robinson Mine	Address Spruce Pine, N. C.
DMA-3157, Idn-E646	

RECEIVED
SEP 14 1955

COPY

GENERAL SERVICES ADMINISTRATION MICA PURCHASING DEPOT, SPRUCE PINE, N. C.			DATE 8-11-55 ACCEPTANCE No. B04-66(a) VOUCHER No.	
Certificate Authorization No. 100 B	LOT No. 66(a)			
RUBY ☐ NON-RUBY ☒	TOTAL LBS.	LBS. OF G.S & Better	LBS. STAINED MICA	TOTAL VALUE
TOTAL PAYMENT	2174.00	159.19	49.81	5306.28
LESS INITIAL PAYMENT voucher No. 34 - Sch. 380				1467.45
AMT. DUE GOV. ☐ SELLER ☒				3838.83

	Seller Cook Mining Company Address Spruce Pine, N. C.
MINE Chas. Robinson Mine	DATE 8-11-55
DMEA-3157, Idm-E 616	

RECEIVED
SEP 14 1955

GENERAL SERVICES ADMINISTRATION MICA PURCHASING DEPOT, SPRUCE PINE, N. C.			DATE 8-10-55	
			ACCEPTANCE No. B04-94	
Certificate Authorization No. 100B	LOT No. 94		VOUCHER No.	
RUBY ☐ NON-RUBY ☒	TOTAL LBS.	LBS. OF G.S & Better	LBS. STAINED MICA	TOTAL VALUE
TOTAL PAYMENT				
LESS INITIAL PAYMENT voucher No.	1700.00	50.00	20.00	1666.66
AMT. DUE GOV. ☐ SELLER ☐				

	Seller Cook Mining Co. — DATE 8-10-55
MINE Charles Robinson Mine	Address Spruce Pine, N. C.
DMEA-3157, Idm-E646	

RECEIVED
SEP 14 1955

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE 8-19-55

ACCEPTANCE No. B04-74 (a)

Certificate Authorization No.	LOT No.	VOUCHER No.
100B	74 (a)	

RUBY ☐ NON-RUBY ☒	TOTAL LBS.	LBS. OF G.S & Better	LBS. STAINED MICA	TOTAL VALUE
TOTAL PAYMENT	4005.00	193.00	144.50	6433.27
LESS INITIAL PAYMENT voucher No. _____		118.9485		3964.95
AMT. DUE GOV. ☐ SELLER ☒				2468.32

	Seller Cook Mining Co.	DATE 8-19-55
MINE Charles Robinson Mine	Address Spruce Pine, N. C.	
DMEA-3157, Lum-E646		

RECEIVED
SEP 14 1955

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE 8-19-55

ACCEPTANCE No. B04-80 (a)

Certificate Authorization No. 100 B

LOT No. 80 (a)

VOUCHER No.

RUBY ☐ NON-RUBY ☒	TOTAL LBS.	LBS. OF G.S & Better	LBS. STAINED MICA	TOTAL VALUE
TOTAL PAYMENT	1,695.00	225.13	109.81	7504.26
LESS INITIAL PAYMENT voucher No. _____		152.1180		5070.60
AMT. DUE GOV. ☐ SELLER ☒				2433.66

Seller Cook Mining Co.

DATE 8-19-55

Address Spruce Pine, N. C.

MINE Charles Robinson Mine

DMEA-3157, Idn-E646

RECEIVED
SEP 14 1955

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THE DEPOSIT IS NOT SUBJECT TO CHECK

Oak Ridge, Tennessee

DEPOSIT NO. 14-23-070-19

$ 671.57

For credit of 428 BR TRSY Regional Office, Oak Ridge, Tennessee 8/12/55
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with Hamilton National Bank, Knoxville, Tennessee
(Name and location of depositary)

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-E825 John Jarrett (Royalty Payment)	15.00
	Idm-E-646 Cook Mining Co. (Royalty Payment)	656.57
		671.57

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Mineral sExploration Administration
Bureau of Mines, Dept. of Interior
Helen R. Miller, Adm. Asst.
P. O. Box 217
Norris, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

Thomas J. Duncan
Auditor
(Authorized signature)

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

RECEIVED
AUG 15 1955

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

RECEIVED
AUG 15 1955

August 11, 1955

Memorandum

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

From: Executive Officer, DMEA - Region V

Subject: Royalty payment - Idm-E646, DMEA-3157, Cook Mining Co, Charles Robinson Mine - North Carolina (mica)

Transmitted are bills-of-sale in the amount of $13,131.31 and a royalty check for 5% of the sales in the amount of $656.57 to be credited to the subject contract.

Robert A. Laurence

7N.
cc:
Lynch
Mittendorf
Shirley
Sam L. Phillips
Allaman
Files

Copy

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

Authorization No. 100-13 Acceptance No. B04-29(a) Date: 7-13-55

Seller: Cook Mining Co. Spruce Pine, N.C

Mine: Chas. Robinson DMEA No. 3157, Dm E646
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					$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 Final Payment					//////	4,916.71

Copy

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

Authorization No. 100 B Acceptance No. B04-34a Date: 7-18-55

Seller: Cook Mining Co.

Mine: Chas. Robinson DMEA No. 3157, Dom E-646
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					$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 Final Payment					//////	5114.62

Copy

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

Authorization No. EPS-4-100B Acceptance No. B04-29 Date: 7-14-55

Seller: Cook Mining Co. Spruce Pine, N. C

Mine: Chas. Robinson Mine DMEA No. 3157, Idaho E-646

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger	93.00				$70.00	
No. 4 and 5					$40.00	
No. 5½ and 6					$15.00	
Stained No.3 and larger	50.00	$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~~ Initial Payment		//////		3000.00	/////	$3,099.98

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Oak Ridge, Tennessee

DEPOSIT NO. 14-23-070-5

$ 906.49

For credit of 120 [illegible] Regional Office, Oak Ridge, Tenn. 7/ /57
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with Hamilton National Bank, Knoxville, Tennessee
(Name and location of depositary)

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X3401	14-2-46 Geol. Mining Company	$ 906.49

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Adm.
Bureau of Mines, Dept. of Interior
Helen M. Miller, Adm. Asst.
P. O. Box 217
Nevada, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

[illegible]
(Authorized signature)

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

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

July 8, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region V

Subject: Royalty Payment - Idm-E646, DMEA-3157, Cook Mining Co.
Robinson Mine - Spruce Pine, N. C.

Transmitted are bill-of-sales in the amount of $18,129.99, and a check No. 743, for $906.49 representing 5 percent royalty on the sales.

Robert A. Laurence

RM.
cc:
Lynch
Finance Office
Cook Mining Co.
Files
Library

RECEIVED
JUL 11 1955

COPY

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

WARRANTY, ACCEPTANCE AND INVOICE - NONRUBY

DATE: 7-1-55

ACCEPTANCE NUMBER: B04-7

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-100B	SPBO-7	

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: Cook Mining Co.	SIGNATURE:
STREET ADDRESS:	NAME (Type or print):
CITY, ZONE AND STATE: Spruce Pine, N. C.	TITLE (Type or print):

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	
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	1610	$ 0.24	$1933.31

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 — $1933.31

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

SELLER (Type name)	DATE
Cook Mining Co. (Robinson Mine)(DME A-3175, Idm-E646	7-1-55
BY (Signature)	NAME AND TITLE (Type)

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

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER: EPS-4-100B	LOT NUMBER: SPBO-93	DATE: 6-24-55
		ACCEPTANCE NUMBER: BO4-93 Initial Payment
		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: Cook Mining Co.	SIGNATURE:
STREET ADDRESS:	NAME (Type or print): F. E. Ellis, Partner
CITY, ZONE AND STATE: Spruce Pine, N. C.	TITLE (Type or print):

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	2290.00	$ 0.24	2160.00

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		Buyer

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $ 2160.00

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

SELLER (Type name)	DATE
Cook Mining Company (Robinson Mine)(DMEA-3157)	6-24-55
BY (Signature):	NAME AND TITLE (Type):

GSA-WASH DC 54-2285

GSA FORM 1136 September 1953

COPY

COPY

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

WARRANTY, ACCEPTANCE AND INVOICE - NONRUBY

D 6-17-55

ACCEPTANCE NUMBER B0-4 (a) Final Settlement

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	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: Cook Mining Company	SIGNATURE
STREET ADDRESS	NAME *(Type or print)*: B. G. Thomas
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	Final Settlement				~~$0.24~~	3533.68

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 — $3533.68

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

SELLER *(Type name)*	DATE
Cook Mining Co. (Robinson Mine)(DMEA-3157, IdmE646)	6-17-55
BY *(Signature)*	NAME AND TITLE *(Type)*

COPY

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

6-3-55

WARRANTY, ACCEPTANCE AND INVOICE - NONRUBY

ACCEPTANCE NUMBER: B04-66 Initial Payment

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-100B	SPBO-66	

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: Cook Mining Co.	SIGNATURE:
STREET ADDRESS:	NAME *(Type or print)*: E. A. Ellis
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		xxxxx	1467.45

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 — $ 1467.45

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

SELLER *(Type name)*	DATE
Cook Mining Co. (Robinson Mine)(DMEA-3157, Idm-E646)	6-3-55
BY *(Signature)*	NAME AND TITLE *(Type)*

COPY

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

WARRANTY, ACCEPTANCE AND INVOICE - NONRUBY

6-10-55
ACCEPTANCE NUMBER
B04-74 Initial Payment

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-100B	SPEO-74	

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: Cook Mining Co.	SIGNATURE:
STREET ADDRESS:	NAME *(Type or print)*: B. G. Thomas
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	4005.00	$ ~~2x8x~~	3964.95

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 — $ 3964.95

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

SELLER *(Type name)*	DATE
Cook Mining Co. (Robinson Mine)(DMEA-3157, Idm-E646)	6-10-55
BY *(Signature)*:	NAME AND TITLE *(Type)*:

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

6-17-55
ACCEPTANCE NUMBER
BO-4-80 Initial Payment

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-100B	SPBO-80	

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 Cook Mining Company	SIGNATURE
STREET ADDRESS	NAME *(Type or print)* B. G. Thomas
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	4695.00		5070.60

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	$5070.60

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

SELLER *(Type name)*	DATE
Cook Mining Co. (Robinson Mine)(DMEA-3157, Idm-E646)	6-17-55
BY *(Signature)*	NAME AND TITLE *(Type)*

GSA-WASH DC 54-2285

GSA FORM 1136
September 1953

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

DEPOSIT NO.
14-23-070-106

Deposited with Hamilton National Bank, Knoxville, Tennessee 6/8/55
(Name and location of depositary) (Date sent)

the sum shown opposite for credit, subject to check, in the disbursing account of—

$ 1,028.69

SYMBOL NO. 1428

E. A. Hudson, Oak Ridge, Tennessee
(Name and address of officer to be credited)

On account of—

Uranium $1,028.69 Royalty Payment Vom-T-646 Cook Mining Company

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Helen R. Miller, Adm. Asst.
Department of Interior, Bureau of Mines
P. O. Box 1909
Knoxville, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY
I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

[illegible]
(Authorized signature)

JUN 8 1955
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

RECEIVED
JUN 9 1955
BUREAU OF INTERNAL REVENUE
TREASURY
DEPARTMENT

RECEIVED
JUN 13 1955
U.S. BUREAU OF MINES
ELECTROTECHNICAL LABORATORY
NORRIS, TENNESSEE

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 8 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

June 7, 1955

RECEIVED
JUN - 9 1955

Memorandum

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

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

Subject: Royalty Payment: Idm-E646, DMEA-3157, Cook Mining Co. (mica)
Chas. Robinson Mica Mine, Spruce Pine, N. C.

Transmitted are bills-of sale in the amount of $20,573.88, and a check for $1,028.69, representing the Government's royalty on the sale from the subject contract.

Robert A. Laurence

ZM.
cc:
Lynch
Mittendorf
Allsman
Files

20573.88
1028.69 40

DMEA-3157 Copy

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

WARRANTY, ACCEPTANCE AND INVOICE - NONRUBY

DATE: 5-10-55

ACCEPTANCE NUMBER: B04-34 Initial Payment

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER: EP5-4-100 B

LOT NUMBER: SPB0-34

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: Cook Mining Company	SIGNATURE: B. G. Thomas
STREET ADDRESS:	NAME (Type or print): B. G. Thomas
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			4272.00	~~$0.24~~ 2114.64

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 — $ 2114.64

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

SELLER (Type name)	DATE
Cook Mining Company (Robinson Mine)	5-10-55
BY (Signature): B. G. Thomas	NAME AND TITLE (Type): B. G. Thomas, Partner

GSA-WASH DC 54-2285

GSA FORM 1136 September 1953

RECEIVED
JUN - 9 1955

Copy

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

Authorization No. EPS-4-186A Acceptance No. A04-1430 Date: 5-12-55

Seller: Cook Mining Company (B.B. Thomas Partner)

Mine: Robinson Mine DMEA No. 3157

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				5.44	$70.00	380.80
No. 4 and 5				45.00	$40.00	1800.00
No. 5½ and 6				100.59	$15.00	1508.85
Stained No. 3 and larger		$12.00		2.25	$~~18.00~~ 14.40	32.40
No. 4 and 5		$ 5.00		18.30	$ ~~8.00~~ 6.40	117.12
No. 5½ and 6		$ 3.00		102.54	$ ~~5.00~~ 4.00	410.16
Heavy Stained No. 3 & larger		$ 8.00			$~~13.00~~ 10.40	
No. 4 and 5		$ 4.00		1.70	$ ~~6.00~~ 4.80	8.16
No. 5½ and 6		$ 2.00		17.06	$ ~~3.00~~ 2.40	40.94
LOT TOTALS		//////		292.88	//////	4298.43
TOTAL		/////			/////	[illegible]

RECEIVED
JUN - 9 1955

Copy

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

Authorization No. EPS-4-186A. Acceptance No. A04-1457 Date: 5-19-55

Seller: Cook Mining Company (B.G. Thomas Partner) Spruce Pine N.C.

Mine: Robinson DMEA No. 3157

No. 1 Ruby Mica

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				6.62	$70.00	463.40
No. 4 and 5				42.48	$40.00	1699.20
No. 5½ and 6				113.41	$15.00	1701.15
Stained No. 3 and larger		$12.00		2.00	$~~18.00~~ 14.40	28.80
No. 4 and 5		$ 5.00		25.61	$ ~~8.00~~ 6.40	163.90
No. 5½ and 6		$ 3.00		106.23	$ ~~5.00~~ 4.00	424.92
Heavy Stained No. 3 & larger		$ 8.00			$~~13.00~~ 10.40	
No. 4 and 5		$ 4.00		1.59	$ ~~8.00~~ 4.80	7.63
No. 5½ and 6		$ 2.00		25.85	$ ~~3.00~~ 2.40	62.04
LOT TOTALS		//////		323.79	//////	4,551.04
TOTAL		/////			/////	

May 18, 1955 Sold to The English Mica Company 2010 lbs scrap @ $30/T - $30.15

$4581.19

Copy

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

Authorization No. EPS-4-186A Acceptance No. A04-1479 Date: 5-26-55

Seller: Cook Mining Company (B.G. Thomas, Partner)

Mine: Robinson Mine DMEA No. 3157

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				5.12	$70.00	358.40
No. 4 and 5				57.62	$40.00	2304.80
No. 5½ and 6				148.87	$15.00	2233.05
Stained						
No. 3 and larger		$12.00		1.44	14.40 ~~$10.00~~	20.74
No. 4 and 5		$ 5.00		18.20	6.40 ~~$ 8.00~~	116.48
No. 5½ and 6		$ 3.00		94.29	4.00 ~~$ 5.00~~	377.16
Heavy Stained						
No. 3 & larger		$ 8.00			10.40 ~~$13.00~~	
No. 4 and 5		$ 4.00			4.80 ~~$ 6.00~~	
No. 5½ and 6		$ 2.00		4.96	2.40 ~~$ 3.00~~	11.90
LOT TOTALS		//////		330.50	//////	$5422.53
TOTAL		/////			/////	

5-26-55 Sold To The English Mica Company 2540 lbs scrap @ $30/t $38.10

$5460.63

DMEA-3157

Copy

GENERAL SERVICES ADMINISTRATION
Mica Purchase Depot - Spruce Pine

WARRANTY, ACCEPTANCE AND INVOICE - NONRUBY

D 5-27-55

ACCEPTANCE NUMBER B04-54 Initial Payment

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-100B	SPBO-54	

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 Cook Mining Company	SIGNATURE B. G. Thomas
STREET ADDRESS	NAME (Type or print) B G. Thomas
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 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	
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	3704.00	~~$0.24~~	1916.84

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 $ 1916.84

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

SELLER (Type name)	DATE
Cook Mining Company (Robinson Mine)	5-27-55
BY (Signature) B G. Thomas	NAME AND TITLE (Type) B. G. Thomas, Partner

GSA-WASH DC 54-2285

GSA FORM 1196
September 1953

RECEIVED
JUN - 9 1955

Copy

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

Authorization No. EPS-4-186A ~~Acceptance~~ Lot No. SPAO-1491 Date: 5-31-55

Seller: Cook Mining Company (B. G. Thomas) 3157

Mine: Robinson DMEA No. ~~3425~~

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				3.81	$70.00	266.70
No. 4 and 5				18.67	$40.00	746.80
No. 5½ and 6				64.13	$15.00	961.95
Stained No. 3 and larger		$12.00		1.25	~~$18.00~~ 14.40	18.00
No. 4 and 5		$ 5.00		5.89	~~$ 8.00~~ 6.40	37.70
No. 5½ and 6		$ 3.00		42.75	~~$ 5.00~~ 4.00	171.00
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		//////		136.50	//////	2202.15
TOTAL		/////			/////	

For Certificate of Deposit No. 99, dated May 16, 1955, giving royalty repayment of $923.43, see E-410.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 12 1955

May 10, 1955

Memorandum

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

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

Subject: Royalty Payment on--Idm-E646, DMEA-3157, Cook Mining Co. North Carolina

Attached are copies of bill-of-sales in the amount of $18,468.41, and a check for $923.43 representing 5% royalty due the Government on the sales of mica on the subject contract.

Robert A. Lawrence

ZH.
cc:
Lynch
Pittendorf
Files
Shirley
Allsman
Cook Mining Co.

copy

[illegible] OF THE [illegible]
[illegible] Branch [illegible]
RECEIVED
MAY 12 1955

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

Authorization No. 186 A Acceptance No. 1342 Date: 4-21-55

Seller: Cook Mining Co. Spruce Pine, N.C

Mine: Chas. Robinson DMEA No. 3157 Idw E. 646

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				4.87	$70.00	340.90
No. 4 and 5				51.94	$40.00	2077.60
No. 5½ and 6				86.79	$15.00	1301.85
Stained No.3 and larger		$12.00		1.69	~~$18.00~~ 14.40	24.34
No. 4 and 5		$ 5.00		13.81	$ ~~8.00~~ 6.40	88.38
No. 5½ and 6		$ 3.00		61.90	$ ~~5.00~~ 4.00	247.60
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00		32.69	$ ~~3.00~~ 2.40	78.46
LOT TOTALS		//////		253.69	//////	
TOTAL		/////			/////	4,159.13

Copy-

Defense Minerals Administration
MAY 12 1955

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

Authorization No. 186A Acceptance No. 1377 Date: 4-28-55

Seller: Cook Mining Co - Spruce Pine, N.C

Mine: Chas. Robinson DMEA No. 3157, Ddw E 646
Yancey County.

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				7.81	$70.00	546.70
No. 4 and 5				45.82	$40.00	1832.80
No. 5½ and 6				63.81	$15.00	957.15
Stained No.3 and larger		$12.00		1.69	$~~18.00~~ 14.40	24.34
No. 4 and 5		$ 5.00		12.83	$ ~~8.00~~ 6.40	82.11
No. 5½ and 6		$ 3.00		88.87	$ ~~5.00~~ 4.00	355.48
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		3.42	$ ~~6.00~~ 4.80	16.42
No. 5½ and 6		$ 2.00		14.82	$ ~~3.00~~ 2.40	35.57
LOT TOTALS		//////		239.07	//////	
TOTAL		/////			/////	3850.57

D. H. Thomas, Agent & Partner

Copy

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

Authorization No. 186 A Acceptance No. 3PA0.1402 Date: 5-5-55

Seller: Cook Mining Co. Spruce Pine, N. C

Mine: Chas. Robinson Yancey County, N.C. DMEA No. 3157, Idw F 646

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				3.40	$70.00	238.00
No. 4 and 5				31.90	$40.00	1276.00
No. 5½ and 6				54.46	$15.00	816.90
Stained No.3 and larger		$12.00		1.15	~~$18.00~~ 14.40	16.56
No. 4 and 5		$ 5.00		8.28	~~$ 8.00~~ 6.90	57.09
No. 5½ and 6		$ 3.00		74.82	~~$ 5.00~~ 4.00	299.28
Heavy Stained No. 3 & larger		$ 8.00			~~$13.00~~	
No. 4 and 5		$ 4.00		2.31	~~$ 6.00~~ 4.80	11.09
No. 5½ and 6		$ 2.00		30.65	~~$ 3.00~~ 2.40	73.56
LOT TOTALS		//////		206.97	//////	
TOTAL		/////			/////	2784.38

Bid by B. B. Thomas, Agent.

Copy

DEPARTMENT OF THE INTERIOR
Bureau Mines Administration
RECEIVED
MAY 12 1955

Initial payment

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

Authorization No. 160-13 Acceptance No. SP80-29 Date: 5-6-55

Seller: Cook Mining Co. Spruce Pine, N. C

Mine: Robinson (Chas) Yancey County, N. C

DMEA No. 3157, Adm E646

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 Initial Payment		//////	2947.00		//////	1193.56

By: B. G. Thomas, Opr.

copy copy

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

WARRANTY, ACCEPTANCE AND INVOICE

DATE: 4-19-55

ACCEPTANCE NUMBER: BO4-14 Initial Payment

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER: EPS-4-100B

LOT NUMBER: SpBO-14

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: Cook Mining Co	SIGNATURE:
STREET ADDRESS:	NAME (Type or print): B. G. Thomas
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			4525.00	$0.40 ~~$0.50~~	1810.00

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. Buchanan		Buyer

INVOICE

TO: General Services Administration, Region 10

FOR: Mica delivered as indicated above — $1810.00

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

SELLER (Type name)	DATE
Cook Mining Co (DMEA-3157)	4-19-55
BY (Signature)	NAME AND TITLE (Type): B. G. Thomas, Partner

GSA-WASH DC 53-3094 copy

GSA FORM 1013
September 1952

Copy

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

Authorization No. 186 A Acceptance No. 1319 Date: 4-14-55

Seller: Cook Mining Co. Spruce Pine, N.C

Mine: Chas. Robinson DMEA No. 3157, Adm & 646
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				7.44	$70.00	520.80
No. 4 and 5				59.04	$40.00	2361.60
No. 5½ and 6				87.89	$15.00	1318.35
Stained No.3 and larger		$12.00		1.94	~~$18.00~~ 14.40	27.94
No. 4 and 5		$ 5.00		12.96	~~$ 8.00~~ 6.40	82.94
No. 5½ and 6		$ 3.00		71.21	~~$ 5.00~~ 4.00	284.84
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00		30.96	~~$ 3.00~~ 2.40	74.30
LOT TOTALS		//////		271.44	//////	
TOTAL		/////			/////	4,670.77

B. G. Thomas, Partner

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

Deposited with Hamilton National Bank, Knoxville, Tennessee (Name and location of depositary) 4/15/55 (Date sent)

DEPOSIT NO. 14-23-070-92

the sum shown opposite for credit, subject to check, in the disbursing account of—

$ 648.03

B. A. Hudson, Oak Ridge, Tennessee

(Name and address of officer to be credited)

SYMBOL NO. 1428

On account of—

14X1401 $648.03 Royalty Payment Idm-E-646 Cook Mining Company

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Helen D. Miller, Adm. Asst.
Department of Interior, Bureau of Mines
P. O. Box 1909
Knoxville 1, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

APR 15 1955

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

APR 1 0 1995
TREASURY
DEPARTMENT

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

April 14, 1955

Memorandum

To: Helen Miller, Ass't Admin. Officer - Region 5, Knoxville

From: Executive Officer, DMEA - Region 5, Knoxville

Subject: Royalty Payment on - Idm-2646, DMEA-3157, Cook Mining Co. Mica- Charles Robinson Mine.

Transmitted are sales tickets in the amount of $12,960.61, and a check for 5% royalty for $648.03, due the Government on the sales.

Robert A. Laurence

RM.
cc:
Lynch
Kittendorf
Shirley
Laurence
Allsman

3357.68
3940.3
2924.30
2757.31

12960.61
.05
648.0305

copy

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

Authorization No. 186 A Acceptance No. 1208 Date: 3-24-55

Seller: Cook Mining Co. (B. Y. Thomas) Spruce Pine, N.C

Mine: Chas. Robinson Mine DMEA No. 3157 - Idn E - 646
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				11.00	$70.00	770.00
No. 4 and 5				37.24	$40.00	1489.60
No. 5½ and 6				49.32	$15.00	739.80
Stained No.3 and larger		$12.00		4.25	$18.00	61.20
No.4 and 5		$ 5.00		11.76	$ 8.00	75.26
No.5½ and 6		$ 3.00		38.87	$ 5.00	155.48
Heavy Stained No.3 & larger		$ 8.00			$13.00	
No.4 and 5		$ 4.00			$ 6.00	
No.5½ and 6		$ 2.00		19.31	$2.40	46.34
LOT TOTALS		//////////			//////////	
TOTAL		//////////		171.75	//////////	3,337.68

Copy

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

Authorization No. 1864- Acceptance No. 1288 Date: 4-7-55

Seller: Cook Mining Co. (B.L. Thomas) ~~(C.L. Cobb)~~ Spruce Pine, N.C

Mine: Chas. Robinson Mine DMEA No. 3157, DMEE 646 N.C.

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				6.75	$70.00	472.50
No. 4 and 5				46.68	$40.00	1867.20
No. 5½ and 6				72.23	$15.00	1083.45
Stained						
No.3 and larger		$12.00		2.25	~~$13.00~~ 14.40	32.40
No. 4 and 5		$ 5.00		13.94	~~$ 8.00~~ 6.40	89.22
No. 5½ and 6		$ 3.00		62.36	~~$ 3.00~~ 4.00	249.44
Heavy Stained						
No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00		39.03	~~$ 3.00~~ 2.40	93.67
LOT TOTALS		//////			//////	
TOTAL		/////		243.24	/////	3887.88

Scrap mica:

3-26-55 52.44

Sold Ed.W. Young — 4,115 lbs

Total $3,940.32

Copy

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

Authorization No. 186 A Acceptance No. 1256 Date: 3-31-55

Seller: Cook Mining Co (B. D. Thomas) Spruce Pine

Mine: Chas. Robinson Mine DMEA No. 3157, DME 646
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				5.19	$70.00	363.30
No. 4 and 5				31.04	$40.00	1241.60
No. 5½ and 6				57.27	$15.00	859.05
Stained						
No. 3 and larger		$12.00		1.81	~~$18.00~~ 14.40	26.06
No. 4 and 5		$ 5.00		19.84	~~$ 8.00~~ 6.40	126.98
No. 5½ and 6		$ 3.00		60.89	~~$ 5.00~~ 4.00	243.56
Heavy Stained						
No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00		26.77	~~$ 3.00~~ 2.40	64.25
LOT TOTALS		//////			//////	
TOTAL		/////		202.81	/////	2,924.80

Copy

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

Authorization No. 186A Acceptance No. 1176 Date: 3-17-55

Seller: Cook Mining Co. (B.W. Thomas) Spruce Pine, N.C

Mine: Chas. Robinson
Yancey County, N.C

DMEA No. 3157-JdmE 646

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				4.75	$70.00	332.50
No. 4 and 5				31.71	$40.00	1268.40
No. 5½ and 6				51.29	$15.00	769.35
Stained						
No.3 and larger		$12.00		1.81	$~~18.00~~ 16.40	26.06
No. 4 and 5		$ 5.00		14.92	$~~8.00~~ 6.40	95.49
No. 5½ and 6		$ 3.00		54.40	$~~5.00~~ 4.00	217.60
Heavy Stained						
No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00		20.17	$~~3.00~~ 2.40	48.41
LOT TOTALS		//////			//////	
TOTAL		/////		179.05	/////	2,757.81

For Certificate of Deposit No. 80, dated March 15, 1955, giving royalty repayment of $482.26, see E-181.

DMEA-3157

Copy

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

WARRANTY, ACCEPTANCE AND INVOICE

DATE: 2-21-55

ACCEPTANCE NUMBER: A0-4-1052

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
186A	1052	

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: Cook Mining Co.	SIGNATURE:
STREET ADDRESS:	NAME (Type or print): B. H. Thomas
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				1.25	$70.00	87.50
GRADES NO. 4 AND 5				30.90	$40.00	1236.00
GRADES NO. 5½ AND 6				70.19	$15.00	1052.85
STAINED						
GRADES NO. 3 AND LARGER		$12.00		.25	$18.00	3.60
GRADES NO. 4 AND 5		$ 5.00		6.78	$ 8.00	43.39
GRADES NO. 5½ AND 6		$ 3.00		71.49	$ 5.00	285.96
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		15.05	$ 3.00	36.12
TOTALS						
LOT TOTALS						

PROGRAM B - HAND-COBBED MICA

TOTALS					$ 0.30	2,745.42

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

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $2,745.42

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

SELLER (Type name)	DATE
Cook Mining Co. (DMEA-3157-Jam E 646)	2-21-55
BY (Signature)	NAME AND TITLE (Type)

GSA-WASH DC 53-3094

Copy

GSA FORM 1013
September 1952

Copy

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

WARRANTY, ACCEPTANCE AND INVOICE

DATE: 3-2-55

ACCEPTANCE NUMBER: 1099

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
186 A	1099	

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: Cook Mining Co.	SIGNATURE:
STREET ADDRESS:	NAME (Type or print): B. G. Thomas
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				6.09	$70.00	426.30
GRADES NO. 4 AND 5				41.63	$40.00	1665.20
GRADES NO. 5½ AND 6				77.93	$15.00	1168.95
STAINED						
GRADES NO. 3 AND LARGER		$12.00		1.06	~~$10.00~~ 14.40	15.26
GRADES NO. 4 AND 5		$ 5.00		11.06	$ ~~5.00~~ 6.40	70.78
GRADES NO. 5½ AND 6		$ 3.00		58.19	$ 5.00	232.76
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		18.32	$ ~~2.40~~	43.97
TOTALS						
LOT TOTALS						

PROGRAM B - HAND-COBBED MICA

TOTALS					$ 0.30	3,623.22

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
		Buyer

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $ 3,623.22

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

SELLER (Type name)	DATE
Cook Mining Co. (DMEA-3157, DmE 646)	3-2-55
BY (Signature):	NAME AND TITLE (Type):

GSA-WASH DC 53-3094

GSA FORM 1013
September 1952

Copy

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

WARRANTY, ACCEPTANCE AND INVOICE

DATE: 3-10-55

ACCEPTANCE NUMBER: 1143

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
186-A	1143	

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: Cook Mining Co	SIGNATURE
STREET ADDRESS	NAME (Type or print): B. G. Thomas
CITY, ZONE AND STATE: Spruce Pine, N.C.	TITLE (Type or print)

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				6.69	$70.00	468.30
GRADES NO. 4 AND 5				37.33	$40.00	1493.20
GRADES NO. 5½ AND 6				63.58	$15.00	953.70
STAINED						
GRADES NO. 3 AND LARGER		$12.00		2.06	14.40 ~~$12.00~~	29.66
GRADES NO. 4 AND 5		$ 5.00		11.79	$ 6.40 ~~5.00~~	75.46
GRADES NO. 5½ AND 6		$ 3.00		54.79	$ 4.00 ~~3.00~~	218.96
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		15.56	$ 2.40 ~~2.00~~	37.34
TOTALS						
LOT TOTALS				191.75		

PROGRAM B - HAND-COBBED MICA

TOTALS					$ 0.30	3,276.62

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

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $ 3,276.62

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

SELLER (Type name)	DATE
Cook Mining Co. (DMEA-3157, Adm E 646)	3-10-55
BY (Signature) (Robinson Mine)	NAME AND TITLE (Type)

Copy

GSA-WASH DC 53-3094

GSA FORM 1013
September 1952

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

Deposited with Hamilton National Bank, Knoxville, Tennessee (Name and location of depositary) (Date) 2/25/55

DEPOSIT NO. 14-23-070-74

$ 591.45

SYMBOL NO. 1428

the sum shown opposite for credit, subject to check, in the disbursing account of—

E. A. Hudson, Oak Ridge, Tennessee
(Name and address of officer to be credited)

E. A. Hudson

On account of—

1441401 $591.45 (Royalty Payment) See Reverse

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Helen R. Miller, Administrative Assistant
Interior Dept., Bureau of Mines
P. O. Box 1909
Knoxville 1, Tennessee

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

H. C. Aud Asst

(Authorized signature)

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

Idm-E-659	Willis and Snyder	134.27
Idm-E-646	Cook Mining Company	157.18

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
ROOM 1031 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

February 25, 1955

Memorandum

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

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

Subject: Royalty Payment on Idm-E646, DMEA-3157, Cook Mining Co.

Attached are copies of bill-of-sales in the amount of $9,143.61, and a check for $457.18 representing 5% of the sales as royalty due the Government on the subject contract.

Robert. A. Laurence

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

Copy

Department of the Interior
Bureau of Mines
Minerals Administration
RECEIVED
FEB 28 1955

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 186A Acceptance No. 992 Date: 2-9-55

Seller: Cook Mining Co. Spruce Pine, N.C

Mine: Chas. Robinson Mine DMEA No. 3157, Adm E 646

Yancey County, N.C. (B.G. Thomas, seller)

Quality of Mica

	HALF TRIM		FULL TRIM			
	Pounds	Price/lb.	Amount	Pounds	Price/lb.	Amount
Good Stained & Better Grades No.3 & larger				9.75	$70.00	682.50
" No. 4 and 5				32.55	$40.00	1302.00
" No. 5½ and 6				75.79	$15.00	1136.85
Stained No. 3 and larger		$12.00		1.50	~~$18.00~~ 14.40	21.60
No. 4 and 5		$ 5.00		6.20	~~$ 8.00~~ 6.40	39.68
No. 5½ and 6		$ 3.00		47.96	~~$ 5.00~~ 4.00	191.84
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
NO. 5½ and 6		$ 2.00		3.24	~~$ 3.00~~ 2.40	7.78
LOT TOTALS						
TOTAL						3,382.25

Scrap Mica

Punch Mica

Total - $ 3,382.25

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 186A Acceptance No. 918 Date: 1-20-55

Seller: Cook Mining Co - (E.A. Ellis) Spruce Pine, N.C

Mine: Chas Robinson Mine DMEA No. 3151, Idaho 646

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					$70.00	
" No. 4 and 5				7.79	$40.00	311.60
" No. 5½ and 6				60.99	$15.00	914.85
Stained No. 3 and larger		$13.00			$13.00	
No. 4 and 5		$ 5.00		3.90	6.40 ~~$ 8.00~~	24.96
No. 5½ and 6		$ 3.00		59.76	$ 5.00	239.04
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		1.56	4.80 ~~$ 6.00~~	7.49
No. 5½ and 6		$ 2.00		16.57	2.40 ~~$ 3.00~~	39.77
LOT TOTALS						
TOTAL				150.57		1537.71

Scrap Mica

Punch Mica

Total [illegible]

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 186A Acceptance No. 849 Date: 12-30-54

Seller: Cook Mining Co. Spruce Pine, N.C

Mine: Chas Robinson Mine - DMEA No. 3157-JdmE646

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				.62	$70.00	43.40
" No. 4 and 5				11.60	$40.00	464.00
" No. 5½ and 6				76.83	$15.00	1152.45
Stained No. 3 and larger		$12.00		.12	$8.00	1.73
No. 4 and 5		$ 5.00		10.22	$ 8.00	65.41
No. 5½ and 6		$ 3.00		70.59	$ 5.00	282.36
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00		2.39	$ ~~3.00~~ 2.40	5.74
LOT TOTALS						
TOTAL				172.37		2015.09

Scrap Mica - Sold To:

Diamond mining Co. (12-9-54)

English Mica Co. (12-17-54) 2120 lbs. @ $30/T

English " " (12-30-54) 2540 lbs. @ $30/T

Punch Mica

14.00

31.80

38.10

Total — [illegible]

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 186A Acceptance No. 749 Date: 12-8-54

Seller: Cook Mining Co (64 Ellis) Spruce

Mine: Chas. Robinson Mine DMEA No. 3159, DMEA 646

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				.25	$70.00	17.50
" No. 4 and 5				12.00	$40.00	480.00
" No. 5½ and 6				30.38	$15.00	455.70
Stained No. 3 and larger		$12.00		.06	14.40 ~~$13.00~~	.86
No. 4 and 5		$ 5.00		4.46	6.40 ~~$ 6.00~~	28.54
No. 5½ and 6		$ 3.00		13.09	4.00 ~~$ 5.00~~	52.36
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		1.54	4.80 ~~$ 6.00~~	7.39
No. 5½ and 6		$ 2.00		14.16	2.40 ~~$ 3.00~~	33.98
LOT TOTALS						
TOTAL				75.94		1076.33

Scrap Mica

Punch Mica

Total - [illegible]

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 186A Acceptance No. 808 Date: 12-17-54

Seller: Cook Mining Co. (A E Ellis) Spruce Pine, N.C.

Mine: Chas. Robinson Mine DMEA No. 3157 Idme 646

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					$20.00	
" No. 4 and 5				4.23	$40.00	169.20
" No. 5½ and 6				47.75	$15.00	716.25
Stained No. 3 and larger		$10.00			$18.00	
No. 4 and 5		$ 5.00		2.63	$6.40 ~~$3.00~~	16.83
No. 5½ and 6		$ 3.00		31.33	$4.00 ~~$5.00~~	125.32
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.39	$4.80 ~~$6.00~~	1.87
No. 5½ and 6		$ 2.00		7.86	$2.40 ~~$3.00~~	18.86
LOT TOTALS						
TOTAL				94.19		1048.33

Scrap Mica

Punch Mica

Total

Docket Copy
Surname:
Anderson
Houk
Chambers
Hedges
Kiilsgaard
Martin

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

FEB 21 1955

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

INTERIOR DEPT
FEB 15 1955
SOLICITOR

Re: Docket No. DMEA-3157 - Mica
Cook Mining Company, Inc.
Charles Robinson Mica Mine
Yancey County, North Carolina
Contract No. Idm-E646

Dear Mr. Gumbel:

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

The exploration contract was signed on December 14, 1953, with the Government participating to the extent of 90% of $9,120.00 or $8,208.00. By amendment the contract was increased to $12,470.00 with the Government participating to the extent of 90% or $11,223.00. The project was started on March 1, 1954, and completed November 29, 1954, after the expenditure of $12,470.00 which is the total net accepted cost according to the Audit Review. The Government paid 90% of the total accepted cost, or $11,223.00.

The work performed on this project consisted of dewatering and reconditioning an existing 104-foot shaft and deepening it an additional 80 feet and 180 feet of drifts and/or crosscuts. Several discontinuous, conformable, S-shaped pegmatites were found some of which contained strategic mica. An accurate estimate of reserves cannot be made because of the discontinuous nature of the bodies, their variable size and unsystematic arrangement. About 1,500 pounds of "mine run" mica was recovered during the operation.

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

Sincerely yours,

Frank E. Johnson

ACTING Administrator

Enclosure

WCAnderson:gad 2/14/55
Copy to: Admr. R. File
Mr. Chambers
Mr. Kiilsgaard, 5222
Field Team, Region V
Docket
Mr. Houk
Operating Committee
Mr. Johnson
Mr. Hedges, 4604

A.C.G.

Docket Copy
Surname:
Anderson
Houk
Chambers
Hedges
Kiilsgaard
Martin

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

600

FEB 21 1955

Cook Mining Company, Inc.
Mr. Ed. Ellis, President
c/o Mayland Motor Company
Spruce Pine, North Carolina

Re: Docket No. DMEA-3157 - Mica
Cook Mining Company, Inc.
Charles Robinson Mica Mine
Yancey County, North Carolina
Contract No. Idm-E646

Gentlemen:

Transmitted herewith is a certification of discovery or development on Contract No. Idm-E646 on the Charles Robinson Mica 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, December 14, 1953, is subject to the Government's percentage royalty as set forth in the contract until the sum of $11,223.00 is paid or until December 14, 1965, 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,

Frank E. Johnson

ACTING Administrator

Enclosure

WCAnderson:gad 2/14/55

Copy to: Mr. Frank E. Ellis and wife Mrs. Lucille C. Ellis (Attached to Field Team's copy for forwarding.)
Mr. E. A. Ellis and wife Mrs. Dorothy Ellis " " " "
Admr. R. File " " " "
Docket " " " "
Mr. Johnson " " " "
Mr. Chambers " " " "
Mr. Kiilsgaard, 5222 " " " Field Team, Region V
Mr. Hedges, 4604
Mr. Houk
Operating Committee

For Certificate of Deposit No. 63, dated February 1, 1955, giving royalty repayment of $359.79, see E-410.

3,420.39
1,505.12
1,744.46
414.96
422.83
192.25
48.36

7,195.87

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 245 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1955

January 31, 1955

Memorandum

To: Helen Miller, Region V - Knoxville, Tennessee

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty check on Idm-E6146, DMEA-3157, CookiMining Co. N. C.

Transmitted are bill-of-sales in the amount of $7,195.87, and a check representing 5 percent royalty due the Government for $359.79.

Robert A. Laurence

ZM.

cc:

Beck
Shirley
Cook Mining Co.
Files
Mittendorf

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 186A Acceptance No. 525 Date: 10-20-54

Seller: Cook Mining Co Spruce Pine, N.C.

Mine: Chas Robinson Mine DMEA No. 3157 Ohm

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				2.78	$40.00	111.20
" No. 5½ and 6				17.28	$15.00	259.20
Stained No. 3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		.89	~~$8.00~~ $6.40	3.78
No. 5½ and 6		$ 3.00		6.69	$ 5.00	26.76
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.37	~~$6.00~~ $4.80	1.78
NO. 5½ and 6		$ 2.00		5.10	~~$3.00~~ $2.40	12.24
LOT TOTALS						
TOTAL				32.81		414.96

Scrap Mica

Punch Mica

copy

GENERAL SERVICES mica ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 186A Acceptance No. 591 Date: 11-8-54

Seller: Cook Mining Co

Mine: Chas. Robinson Mine DMEA No. 3157, Dated 6-46

Quality of Mica	HALF TRIM		FULL TRIM			
	Pounds	Price/lb.	Amount	Pounds	Price/lb.	Amount
Good Stained & Better Grades No. 3 & larger				4.12	$70.00	288.40
" No. 4 and 5				20.42	$40.00	816.80
" No. 5½ and 6				33.10	$15.00	496.50
Stained No. 3 and larger		$12.00		2.62	$~~18.00~~	37.73
No. 4 and 5		$ 5.00		4.22	$ ~~8.00~~	27.01
No. 5½ and 6		$ 3.00		15.16	$ ~~4.00~~	60.64
Heavy Stained No. 3 & larger		$ 8.00		.12	$~~13.00~~	1.25
No. 4 and 5		$ 4.00		1.74	$ ~~6.00~~	8.35
NO. 5½ and 6		$ 2.00		3.24	$ ~~3.00~~	7.78
LOT TOTALS						
TOTAL				84.74		1744.46

Scrap Mica

Punch Mica

copy

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 186A Acceptance No. 665 Date: 11-19-54

Seller: Cook Mining Co. Spruce Pine, N. C

Mine: Chas. Robinson Mine DMEA No. 3157, idm E 646

Quality of Mica	HALF TRIM Pounds	HALF TRIM Price/lb.	HALF TRIM Amount	FULL TRIM Pounds	FULL TRIM Price/lb.	FULL TRIM Amount
Good Stained & Better Grades No. 3 & larger				.81	$70.00	56.70
" No. 4 and 5				16.02	$40.00	640.90
" No. 5½ and 6				50.51	$15.00	757.65
Stained No. 3 and larger		$12.00		.37	~~$18.00~~ 14.40	5.33
No. 4 and 5		$ 5.00		.67	~~$ 8.00~~ 6.40	4.29
No. 5½ and 6		$ 3.00		9.62	~~$ 5.00~~ 4.00	38.48
Heavy Stained No. 3 & larger		$ 8.00		.18	~~$13.00~~ 10.40	1.87
No. 4 and 5		$ 4.00			$ 6.00	
NO. 5½ and 6		$ 2.00			$ 3.00	
LOT TOTALS				78.18		
TOTAL						1505.12

Scrap Mica

Punch Mica

copy copy

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 186A Acceptance No. 716 Date: 12-2-54

Seller: Cook Mining Co. Spruce Pine, N.C

Mine: Chas. Robinson Mine DMEA No. 3157, Idm 646

Quality of Mica	HALF TRIM		FULL TRIM			
	Pounds	Price/lb.	Amount	Pounds	Price/lb.	Amount
Good Stained & Better Grades No.3 & larger				2.06	$70.00	144.20
" No. 4 and 5				32.70	$40.00	1308.00
" No. 5½ and 6				112.51	$15.00	1687.65
Stained No. 3 and larger		$12.00		.12	~~$18.00~~ 14.40	1.73
No. 4 and 5		$ 5.00		1.36	~~$ 8.00~~ 6.40	8.70
No. 5½ and 6		$ 3.00		61.87	~~$ 5.00~~ 4.00	247.48
Heavy Stained No. 3 & larger		$ 8.00		9.43	~~$13.00~~ 2.40	22.63
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00			$ 3.00	
LOT TOTALS				220.05		
TOTAL						3,420.39

Scrap Mica

1-29-54 Sold to ~~Cook~~
Diamond Mica Co.
3490 lbs. @ $28/ton = $48.86
11-15-54 Diamond Mica Co.
1400 lb. @ 27.50/ton = 19.25
10-28-54 Sold to:
Carpenter & Phillips-
Sheet mica - 332 lb. @ .25 8.25
Punch " - 494 " @ .07 34.58

Punch Mica

110.94

$ 3,531.33

IN REPLY REFER TO:

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 20 1955

January 18, 1955

Re: DMEA-3157
Cook Mining Co.
(Charles Robinson Mine)
Yancey Co., N. C.
$12,470 - Mica

Memorandum

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

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of Final Field Team report

The Field Team has recommended a certificate of discovery be issued.

Completed work consisted of deepening an existing 104 foot shaft 100 feet and drifting 180 feet on the 180 level.

Several discontinuous pegmatites were found by the lateral work. About 1500 pounds of mica were obtained from DMEA exploration work. Although reserves cannot accurately be estimated, much of the mica is reported to be of good quality.

It is reported that some mica has been sold and it seems reasonable to assume additional mica will be produced and sold from this property.

I concur with the Field Team's recommendation that a certificate of discovery should be issued.

E. L. Newcomb

E. L. Newcomb

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 11 1955

January 11, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3157 (mica)

Applicant: Cook Mining Company

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

Contract Number: Idm-E646

Date of Field Team Final Report: December 13, 1954

Date Rec'd. by Br. of Ceramic & Fertilizer Mat.: December 21, 1954

Field Team Recommendation:

1. Certification.

Comments:

1. Several discontinuous pegmatite dikes were encountered.

2. About 1,500 pounds of "mine-run" mica was obtained.

3. Expenditures -

Total approved	-	$12,470
Total cost	-	12,470
Gov't. share	-	11,223
Value of production during operation	-	?

Recommendation:

I concur in the field team's recommendation to certify this project.

W. F. Dietrich

W. F. Dietrich

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

COPY

~~WASHINGTON 25, D.C.~~

ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

December 13, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: Final Reports, DMEA-3157, Idm-E646 (mica) Cook Mining Co. Spruce Pine, N. C. Chas. Robinson Mine, Yancey County, N. C.

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

Although no production figures were available when the report was prepared, it is our understanding that some mica was sold during the exploration, and we have asked the Operator for this information.

We recommend certification of discovery.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

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

RAL/zm
cc:
Beck
Lynch
Files

Field Team
Final Rpt

Reviewed by
DMEA OPERATING COMMITTEE
12-20-54
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

DEC 15 19

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
On
DMEA-3157, CHARLES ROBINSON MINE
(mica)
Y ancey County, N. C.

BY

Kefton H. Teague, Geologist
U. S. Geological Survey
and
Lawrence E. Shirley, Mining Engineer
U. S. Bureau of Mines
and
Dewey H. Amos, Geologist
U. S. Geological Survey

December 10, 1954

Reviewed by
DMEA OPERATING COMMITTEE
12-20-54
(date)

FINAL REPORT
On
DMEA-3157, CHARLES ROBINSON MINE
Idm-E 646 (mica)

Operator: Cook Mining Company, Inc., c/o Mayland Motor Company, Spruce Pine, North Carolina
Location: 2.25 miles northeast of Micaville, Yancey County, N. C.

Work completed under the contract consisted of constructing a headframe, toolhouse, and 2 magazines; dewatering and reconditioning an existing 104-foot shaft; deepening this shaft an additional 80 feet; and driving a 180-foot lateral from the 180-foot level of the shaft. An additional 40 feet of lateral work was done at the operator's expense. Considerable mica of strategic quality was recovered by work done under the contract; thus, a certification of discovery should be issued. No additional exploratory work is warranted.

Work began on March 1, 1954 and was completed November 29, 1954. A headframe, toolhouse, powder magazine, and exploder magazine were constructed. An existing 104-foot shaft was dewatered and reconditioned. This shaft was deepened an additional 80 feet at a - 85° incline. From the 180-foot level of the shaft a lateral was driven 180 feet to the southwest. This lateral was then extended an additional 40 feet southwestward at the Operator's expense.

Several discontinuous pegmatites were encountered in the lateral. They are 1-5 feet thick and have a strike length of 8-35 feet. The bodies are, in general, conformable to the foliation of the enclosing country rock, coarse biotite gneiss, striking N. 5 - 35° E., and dipping 75-85° NE. One pegmatite crosscuts the foliation at an acute angle. All the bodies are S-shaped in vertical cross-section; some have a dimension along the dip of only 5-7 feet. The pegmatites are composed of medium-to fine-grained plagioclase, quartz, perthite, muscovite and garnet, in order of abundance.

About 1500 pounds of "mine-run" mica were recovered from the lateral work. Mica from some of the pegmatites is of good quality (especially in the lateral 125-150 feet from the shaft bottom), from others it is badly mineral-stained and some are essentially barren.

An accurate estimate of reserves can not be made because of the discontinuous nature of the bodies, their variable size, and unsystematic arrangement.

Expenditures:

(a)	Total approved	$12,470.00
(b)	Total cost of project	12,470.00
(c)	Government's share of cost	11,223.00
(d)	Government's share unexpended	none
(e)	Value of production during opr.	?

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

December 10, 1954.

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

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

z

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 15 1954

December 13, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: Final Reports, DMEA-3157, Idm-E646 (mica) Cook Mining Co. Spruce Pine, N. C. Chas. Robinson Mine, Yancey County, N. C.

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

Although no production figures were available when the report was prepared, it is our understanding that some mica was sold during the exploration, and we have asked the Operator for this information.

We recommend certification of discovery.

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

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

Operator Final Rpt

Defense Minerals Administration
RECEIVED
DEC 15 1954

Spruce Pine, North Carolina
December 1, 1954

Mr. Robert A. Lawrence
DMEA Region VII
Room 13, Post Office Building
Knoxville, Tennessee

RE: DMEA No. 3157
Idm-E-646
Final Engineering Report

Dear Mr. Lawrence:

Work was commenced on this project about March 1, 1954, the work consisted of dewatering mine and extending shaft 80 feet to the 184 foot level, then drifting 100 feet. No pegmatite was contacted in the shafting.

From the bottom of the shaft we drifted south. Pegmatite was contacted at 60 feet, but was only a small pocket and was all taken out within five feet. Then we did not contact any more pegmatite in the 100 foot drift.

At 110 feet we contacted a small pocket of pegmatite, then at 140 feet we contacted another pocket of pegmatite that extended to 155 feet, then again at 160 feet we picked up a small vein with some mica, but we shot it all out at the 183 foot point.

At various points in the drift extension steel was used to explore the surrounding area for possible mica bearing veins. No mica was encountered.

We wish to express our sincere thanks to the field team for their cooperation on this project. If you should need further information please contact us.

Very truly yours,

COOK MINING COMPANY, INC.

F. E. Ellis, Sec-Treas.

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

December 6, 1954

Cook Mining Company, Inc.
F. E. Ellis
Spruce Pine, North Carolina

Re: DMEA-3157, Idm E-646 (mica)
Charles Robinson Mine
Yancey County, N. C.

Dear Mr. Ellis:

The Final Engineering Report on the Charles Robinson Mine which was submitted by you on October 1, 1954 is being returned for additional information and completion. The report was submitted prior to the amendment for the 80 feet of additional drift and does not include that work. No estimate of the amount of mica recovered by work done under the contract was included in the report nor its estimated value.

Please transmit a revised report including all work done under the contract and a estimate of the quantity and value of the mica recovered.

The original report is enclosed.

Very truly yours,

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

cc:
Beck
Lynch
Opr.Com.
Files

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1954 Docket No. DMEA 3157 Contract No. Ion 0 646
Operator's Name COOK MINING COMPANY, INC. Minerals MICA
Address SPRUCE PINE, N. C.
Contract Amount, $ Government Participation: 90 % Amount, $

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:						
Dumpering & Timber		$1000.00	$1000.00			
Shafting		4400.00	4400.00			
Crosscutting						
Drifting On feet	$2800.00	3500.00	6300.00			
Headframe		550.00	550.00			
(2) Labor and Supervision:						
Labor Tool House		150.00	150.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives Magazine		20.00	20.00			
Pipe Powder Magazine		50.00	50.00			
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$2800.00	$9670.00	$12470.00	2800.00	9670.00	12,470.00

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

Date Dec. 1, 1954 Payee COOK MINING COMPANY, INC.

Per J. E. Cook Title SECRETARY.

*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:

$2520.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date DEC 8 1954 Vou. No. 99
(See other side)

8x7

C 11/29

(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. Hm-E646 in accordance with the terms of the contract.

Signature Laurence E. Shirley Title Mining Engr. U.S.B.M. Date Dec. 3, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title ..... Date .....

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Nov. 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

IDM E 646
Mica

COOK MINING COMPANY, INC
SPRUCE PINE, N. C.

Month of ..... 195..... Docket No. DMEA ..... Contract No. .....
Operator's Name ..... Minerals .....
Address .....

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
zzzzz Dewater & Timber	1			1000.00	1	1000.00	1	1000.00
Drifting	ft			4400.00	80	4400.00	80	55.00
Crosscutting	1			20.00	1	20.00	1	20.00
Raising	1			50.00	1	50.00	1	50.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Explosive Mag	1			20.00	1	20.00	1	20.00
Powder Mag	1			50.00	1	50.00	1	50.00
Tool House	1			150.00	1	150.00	1	150.00
Headframe	1			550.00	1	550.00	1	550.00
		$2800.00	80	$6300.00	180	35.00	180	39.00
		$2800.00		$12470.00				
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

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

Dec. 1, 1954 COOK MINING COMPANY, INC.

Sec-Treas.

Date ..... Operator .....

Per J. E. Cook ..... Title .....

Remarks: .....

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

OPERATOR'S MONTHLY PROGRESS REPORT

MONTH OF NOVEMBER 1954

DMEA #3157
Idm-E-646

WORK ACCOMPLISHED:

Nov. 6 - 1st shift drilled and shot 19 - 6 foot holes
2nd shift mucked out shot pulling 31 buckets of muck

Nov. 8 - 1st shift drilled and shot 21 - 6 foot holes
2nd shift mucked 29 buckets of muck advancing 6 feet

Nov. 9 - 1st shift pumped water and drilled 27 holes 6 feet deep.
2nd shift blasted and pulled 18 buckets of muck

Nov. 10 - 1st shift mucked 11 buckets of muck then drilled 21- 6 foot holes, blasted and used 50# of dynamite.
2nd shift drilled and shot 21 - 6 foot holes advancing 6 feet

Nov. 12 - 1st shift drilled and shot 21 - 6 foot holes advancing 6 feet
2nd shift mucked 27 buckets of muck

Nov. 13 - 1st shift drilled and blasted 19 - 6 foot holes advancing 5 feet.
2nd shift mucked 31 buckets of muck

Nov. 15 - 1st shift drilled and shot 23 holes using 60# 40% dynamite advancing 6 feet
2nd shift mucked 29 buckets of muck

Nov. 16 - 1st shift drilled 19 - 6 foot holes and blasted
2nd shift mucked out the shot advancing 6 feet

Nov. 17 - 1st shift drilled and shot 22 holes
2nd shift mucked out shot

Nov. 18 - 1st shift drilled and shot 21 - 6 foot holes
2nd shift mucked out shot, pulling 27 buckets of muck

Nov. 19 - 1st shift drilled and shot 17 holes
2nd shift mucked 24 bukkets of muck advancing 6 feet

Nov. 20 - 1st shift drilled and shot 23 holes
2nd shift mucked 28 buckets of muck

Nov. 22 - 1st shift drilled and shot 21-6 foot holes advancing 6 feet
2nd shift mucked 27 buckets of muck

Nov. 23 - 1st shift laid pipe line drilled and shot 17 holes
2nd shift mucked 23 buckets of muck and pumped water

Operator's Monthly Progress Report (Con't)
Month of November 1954

Nov. 24 - 1st shift drilled and shot 22 - 6 foot holes advancing 6 feet
2nd shift mucked out shot - pulling 27 buckets of muck

Nov. 26 - 1st shift drilled and shot 19 - 6 foot holes
2nd shift mucked 29 buckets of muck advancing 6 feet

Nov. 27 - 1st shift drilled and shot 21-6 foot holes
2nd shift mucked 26 buckets of muck - advancing 6 feet

November 29 - 1st shift drilled and shot 19 - 6 foot holes
2nd shift mucked 23 buckets of muck advancing 6 feet

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1033 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 19 1954

November 17, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region VII - Knoxville

Subject: Amendment No. 3- to DMEA-3157, Cook Mining Co., Inc. (mica)

Transmitted are three copies of the above subject Amendment with signed Owner's Consent to Lien attached. The usual distribution of the other copies has been made.

Robert A. Laurence

Robert A. Laurence

Docket Copy
Surname:
Houk
Chamberlain
Selfridge

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

NOV 8 - 1954

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

Subject: Docket No. DMEA-3157 - Mica
Cook Mining Company, Inc.
Charles Robinson Mica Mine
Yancey County, North Carolina
Contract No. Idm-B646

Dear Mr. Laurence:

Please find herewith the original and five copies of Amendment No. 3 to the subject contract which have been signed by the Government. As the period for payment of royalty has been extended to 12 years, a new Owner's Consent to Lien is required on the attached forms. A copy of memorandum from the Legal Division is enclosed.

If the amendment meets with your approval present it to the Operator for approval and signature. At the same time, please present the enclosed new Owner's Consent to Lien forms for signature by the owners.

After execution of the amendment and Owner's Consent to Lien the copies are to be distributed in the usual manner.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Approved:

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

E. L. Newcomb (ELN)
Member, Geological Survey

Enclosures 13

WCAnderson:gad 11/4/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.C.H.

Rubin

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

November 2, 1954

Memorandum

To: The Administrator, DMEA
Attention: Mr. L. G. Houk

From: Acting Assistant Solicitor, Defense Minerals

Subject: Docket No. DMEA-3157, Cook Mining Company, Inc.
Contract Idm-E546 (Mica)

As requested in Mr. Houk's memorandum dated October 25, 1954, we have prepared Amendment No. 3 to the subject contract in satisfactory legal form for execution.

As the period for payment of royalty has been extended to "12 years," a new Owner's Consent to Lien is required on the attached form.

J. L. Hofflund

J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

Attachments 8

HCRubin/emd

Copy to: DMEA Dokket
Solicitor's Dokket
L. G. Houk (2)
J. L. Hofflund
H. C. Rubin
chron.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 28 1954

October 26, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: DMEA-3157, Idm-E 646 (mica) Cook Mining Co. Chas. Robinson Mine

This is in response to Mr. Houk's telephone call of October 22 concerning the subject exploration contract and our recommendation for an amendment to provide for additional drifting.

We advised the Operator, upon the completion of the work provided in the contract that we would recommend the additional footage, to be effective on the date of completion of the earlier work rather than at the date of approval of the amendment, but that if he began work before the amendment was approved, and an amendment was not approved, the entire cost would have to be borne by him.

The additional drifting, already largely completed, will probably make it possible to certify a discovery, which could not have been done at the end of the contract work, yet the discovery could not have been made without use of the shaft and drift completed under the contract. Please refer to your memorandum of May 4, 1954 on comparable situation at the D. H. Stephens Mine (DMEA-2293) and the Kasson Mine (DMEA-2582).

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

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

Docket Copy
Surname:

Lawrence G. Houk

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

October 25, 1954

Memorandum

Docket No. DMEA-3157 - Mica
Cook Mining Company, Inc.
Charles Robinson Mica Mine
Yancey County, North Carolina

To: Mr. John L. Hofflund

From: Lawrence G. Houk

Subject: Amendment No. 3, Contract No. Idm-E646, to provide 80 additional feet of drifting at $35.00 per foot.

Please prepare an amendment to the subject contract to increase the amount of drifting by 80 feet at $35.00 per foot or $2,800.00 for a total of $11,920 at 90% participation.

The work originally set up in the contract was insufficient to reach the target area.

LGHouk:gad 10/25/54
Copy to: Admr. R. File
Docket
Mr. Houk

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

October 22, 1954

Mr. L. G. Houk calling Mr. R. A. Laurence, Region VII, Knoxville, Tenn.

Re: Docket No. DMEA-3157 - Mica
Cook Mining Company, Inc.
Charles Robinson Mica Mine
Yancey County, North Carolina
Contract No. Idm-E646

Mr. Houk: In regard to the Cook Mining Company. On September 13, 1954, you made a recommendation for additional work. We have had the GAO around here and we have to be extremely careful. We wrote you and said 50 feet was not enough. You wrote back and said 80 feet would be necessary and that the Operator had done 57 feet on his own, and you said in the report that he would continue working on his own.

Mr. Laurence: We sent you a letter on the 11th of October.

Mr. Houk: Is that the last?

Mr. Laurence: Yes.

Mr. Houk: I know you made the recommendation that we provide an additional 50 feet. How do you want the amendment drawn from the end of the contract work or from the date of the amendment?

Mr. Laurence: From the end of the contract work. I don't think that they would need to do 80 feet of additional work.

Mr. Houk: It was 57' on the 6th of October. If going at the same rate it would be about 80 feet now. We cannot make these retroactive. Unless you or the field engineer told the Operator that you would recommend an amendment to Washington to do additional work.

Mr. Laurence: Teague and Shirley told him that they would recommend additional work and if he did it before the amendment was signed he would have to do it on his own. I am sure that is what Teague probably told him. Teague did recommend the contract be amended to take care of this extra footage.

Mr. Houk: Are we in a position to make a certification?

Mr. Laurence: We will be if the additional 80 feet is done under the contract.

Mr. Houk: As a result of the work we provided them access.

Mr. Laurence: Remember the D. H. Stevens Mine. When we wrote in and said he, the Operator, would make a discovery if we held our report until such time as he did more work on his own? We were told we could not do that. That was Docket No. DMEA-2293. If we can certify without paying for this extra work I would not worry too much about it (Cook).

Mr. Houk: This is the letter Hofflund wrote "All of the forms, however, contemplate that the certification should have 'resulted from the exploration work', rather than from work prosecuted independently by the operator after the completion or termination of the work provided for in the exploration project contract." In other words a certification cannot be justified after six months from the completion of the contract.

Mr. Laurence: Wouldn't that apply here. If we go ahead and include that extra footage, and pay 75% of the cost we can go ahead and certify.

Mr. Houk: I talked with Frank and he said we can provide access near an ore shoot and encourage them to go on their own and certify on that.

Mr. Laurence: Obviously we are not in a position to certify immediately. We wrote and said this was the reason we were holding up the report. We cannot certify except on what is there at completion of contract work, is what we get from the letter.

Mr. Houk: We may not be able to make a certification of discovery, we can make a certification of development. Of course it is one of the Feb. 1952 contract forms. No exceptions, and I think if at any time the Government considers that a discovery has been made from which production may be made, as a result of the exploration work the Government may not later than six months after, make a certification, but John's memo is quite definite.

Mr. Laurence: This is Teague's week out. He will be in Monday. I will get you a memo. I will know how much work they have done. If we can go ahead and certify on that basis but on the other hand I would hate to see him get a discovery and not be able to certify.

Mr. Houk: We would amend the contract, and get him an additional 80 feet from the date of the amendment, that will protect us. Is he fairly honest and honorable?

Mr. Laurence: Yes. I think so. So far as I know our dealings in the past have been alright. Apparently what I get from talking with Teague they are willing to put it under an amendment and go ahead, and they are willing to take a chance.

Mr. Houk: Is it good enough to make a certification now?

Mr. Laurence: I think so. I will know when Teague comes in Monday. That October 11th memo says probably will result in the discovery of a workable deposit, but Teague said they have gotten some mica and sold some. I thought they were getting into pretty good pegmatite.

Mr. Houk: Write me after you have talked with Teague.

Mr. Laurence: I will write regarding a certification in a memo on Monday.

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
OCT 13 1954

October 11, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: Docket No. DMEA-3157-mica. Charles Robinson Mica Mine. Idm-E 646. Cook Mining Co. Inc. Yancey County, North Carolina

Reference is made to your memorandum of September 27, 1954, on the subject contract.

Since menorandum to Operating Committee from the Field Team, Region VII, dated September 13, 1954, operations at this project have continued. When the project was last visited on October 6, the level had been advanced 157 feet from the shaft. Two additional 15-foot drill holes had been drilled in the sides of the level 100 feet from the shaft, and two 7-foot holes at the 135-foot point in the level. No pegmatite was encountered in any of these holes.

Pegmatite, ranging in thickness from a thin stringer to five feet in thickness, has been followed in the level from a point about 125-feet southwest of the shaft to the face. The present face shows 5 feet of pegmatite, similar in composition to that removed during previous mining. It contains some mica of strategic size and grade. The present face is about even with the stope from which a mica shoot was mined during World War II.

As indicated above, 50 feet of additional level work would have been inadequate to cut the rake of the mica shoot. Therefore, if additional footage is granted, the amount allowed should be increased to 80 feet.

The work accomplished under this contract did not expose a worthwhile mica deposit, although continued work from openings provided by the contract probably will result in the discovery of a workable deposit. The question arises as to whether or not the Government can certify a discovery in a case of this nature.

The Operator will probably continue to work whether additional footage is or is not allowed.

Although results to date on this project have been negative, they have eliminated the northeastern part of the area as containing mica-bearing pegmatite and provided access to reasonably positive mica-bearing ground. Therefore, we recommend that an amendment be prepared allowing an additional 80 feet of level work.

How?

Wm. A. Beck

Wm. A. Beck, Acting
EXECUTIVE OFFICER
DMEA REGION VII

K. H. Teague

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

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

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

OCT 15 1954

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

Month of September, 1954 Docket No. DMEA 3157 Contract No. Idm E 646
Operator's Name COOK MINING COMPANY, INC. Minerals Mica
Address Spruce Pine, North Carolina
Contract Amount, $ 9,670.00 Government Participation: 90 % Amount, $ 8,703.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling Dewatering &						
Bulldozing Timbering		$1000.00	$1000.00			
~~Crosscutting~~ Shafting		4400.00	4400.00			
Drifting 18 ft.	$630.00	2870.00	3500.00			
Headframe		550.00	550.00			
(2) Labor and Supervision:						
~~Labor~~ Tool house		150.00	150.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives Magazine		20.00	20.00			
~~Pipe~~ Powder Magazine		50.00	50.00			
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$630.00	$9040.00	$9670.00	630.00	9,040.00	9,670.00

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

Date 10-1-54 *Payee COOK MINING COMPANY, INC.

Per J. E. Reed Title Sec-Treas.

*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:

$ 567.00

Signature Cora A. Piper
(Authorized Certifying Officer)

Date OCT 13 1954 Vou. No. 70

(See other side)

63.00

(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-E646 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Oct. 5, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. A. Beck Title ACTING EXECUTIVE OFFICER DMEA REGION VII Date OCT 11 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OCT 15 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1954 Docket No. DMEA 3157 Contract No. Idm R 646
Operator's Name COOK MINING COMPANY, INC. Minerals Mica
Address Spruce Pine, North Carolina

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	$630.00	18	$3,500.00	100	$ 35.00	100	$ 35.00
Crosscutting								
~~Mining~~ Dewatering & Timbering Shafts	1			1,000.00	1	1000.00	1	1000.00
~~Winze~~ Shafts	ft.			4,400.00	80	4400.00	80	55.00
Drilling: ~~Gunpowder Mag~~	1			50.00	1	50.00	1	50.00
~~Explosives Magazine~~	1			20.00	1	20.00	1	20.00
Auger								
~~Stripping~~ Tool House	1			150.00	1	150.00	1	150.00
Trenching								
~~Test Pits~~ Headframe	1			550.00	1	550.00	1	550.00
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$630.00		$9,670.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date October 1, 1954 Operator COOK MINING COMPANY, INC.

Per J. E. Ellis Title Sec-Treas.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

OPERATOR'S MONTHLY PROGRESS REPORT

MONTH OF SEPTEMBER, 1954

DMEA # 3157
Idm - E 646

WORK ACCOMPLISHED:

Sept. 1	Drilled 19 - 6 Foot holes and shot
Sept. 2	Mucked out shot advancing 5 feet
Sept. 3	Drilled 21 holes 5 feet deep and shot
Sept. 7	Mucked out shot pulling 28 buckets of muck and advancing four feet
Sept. 8	Worked on compressor clutch and drilled six holes 5 feet deep.
Sept. 9	Drilled and shot 12 - 5 foot holes, advancing 5 feet
Sept. 10	Pulled 27 buckets of muck
Sept. 11	Drilled and shot 21 - 5 foot holes.
Sept. 12	Cleaned the muck from the mine pulling 31 buckets of muck, and advancing 5 feet.

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

Department of the Interior
Defense Minerals Administration
RECEIVED
OCT - 1 1954

September 29, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: DMEA-3157, Idm-E 646 (mica) Cook Mining Co., Inc.
Charles Robinson Mine, Yancey County, N.C.

Reference is made to your letter of September 27.

Additional information will be obtained from a visit to this mine by our field examiners and we will report further on the basis of that examination after their return.

Robert A. Laurence

Robert A. Laurence,
Executive Officer, DMEA
Region VII

Docket Copy
Surname:
Houk
Selfridge
Johnson
Mittendorf

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

SEP 27 1954

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

Subject: Docket No. DMEA-3157 - Miss Charles Robinson Mica Mine
Cook Mining Company, Inc.
Yancey County, North Carolina
Contract No. Idm-E646

Dear Mr. Laurence:

Reference is made to your memorandum of September 13, 1954, recommending that the subject contract be amended to provide 50 additional feet of drifting on the 180 foot level.

The justification for the additional 50 feet of work is inadequate. The additional work proposed would not reach the downward projection of the stope at the 180 foot level, and from the rake of the previously mined mica shoots it would appear improbable that a blind shoot would be encountered with the proposed work.

Sincerely yours,

George C. Selfridge
(by EST)

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

LGHouk:gad 9/23/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5227
Mr. Houk

P.S.
Please review this case and comment on the adequacy of the proposed work to reach the potential mica zone.

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

RECEIVED
SEP 15 1954

September 13, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII - Knoxville

Subject: DMEA-3157, Idm-E 646 (mica) Cook Mining Co. Charles Robinson Mine
Yancey County, N. C.

The D. M. E. A. examiners visited this project on September 9. At that time all work had been completed under the contract except two feet of drift.

Pegmatite lenses were encountered in the level, one beginning about 15 feet from the shaft and having a length of about 30 feet, and a thickness of two feet. Another pod was cut 53 feet in the drift which had a length of about 8 feet and a thickness of 4 feet. Approximately 500 pounds of mine run mica has been recovered from the pegmatite pods encountered to date.

In addition to the work outlined under the contract, the Operator has drilled four 15-foot test holes from the sides of the level. Two are 44 feet from the shaft and two about 65 feet from the shaft. Two other exploratory holes were to be driven from about the 95-foot point on the day of the last inspection. No pegmatite is presently exposed in the face.

Work completed to date has shown that no commerical pegmatite occurs northeast of the present face. The examiners believe, however, that additional work conducted from the 180-foot level has a good possibility for discovering a worthwhile mica deposit. The field examiners have recommended, and the Field Team concurs, that an additional 50-feet of level work on this project is warranted.

Therefore, we recommend that this contract be amended to provide for the added 50 feet @ $35.00/ft.

Robert A. Laurence

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

Wm. A. Beck

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

RECEIVED
SEP 20 1954

INTERIM REPORT

DMEA-3157 Idm-E646 (mica) CHARLES ROBINSON MINE

OPERATOR: Cook Mining Company, c/o Ed Ellis, Mayland Motor Company, Spruce Pine, N. C.

LOCATION: 2.25 miles northeast of Micaville, Yancey County, N. C.

Crosscutting continues to the southwest on this contract and is now at 98 feet. No pegmatite has been encountered to date with the exception of pods and lenses picked up at intervals, but quickly passed, as crosscutting advanced.

Material encountered is primarily biotite gneiss containing occassional lenses or pods of pegmatite material. Recently 15 foot test holes have been driven in both walls of the crosscut at a point 38 feet from the shaft. None of these holes have picked up pegmatite. Additional test holes will be drilled in the vicinity of the present face. 2 feet of work remains on the contract.

Progress on this contract is satisfactory.

L. E. Shirley

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

K. H. Teague

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

September 9, 1954

(Rev.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration
RECEIVED
SEP 17 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1954 Docket No. DMEA 3157 Contract No. Mn B 646
Operator's Name Cook Mining Company, Inc. Minerals Mica
Address Spruce Pine, North Carolina
Contract Amount, $ 9,670.00 Government Participation: 90 % Amount, $ 8,703.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contractors: Short Form						
Developing & Timbering		$1000.00	$1000.00			
Shafting		4400.00	4400.00			
Crosscutting						
Drifting 45 Ft.	$1575.00	1295.00	2870.00			
Head frame		550.00	550.00			
(2) Labor and Supervision:						
Tool House		150.00	150.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives Magazine		20.00	20.00			
Pipe Powder Magazine		50.00	50.00			
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1575.00	$7465.00	$9040.00	1,575.00	7,465.00	9,040.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-14

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 9-1-54 *Payee COOK MINING COMPANY
Per J. E. Green Title Sec-Treas.

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 1,417.50
Signature Cora A. Pigan
(Authorized Certifying Officer)
Date SEP 10 1954 Vou. No. 47
(See other side)

157.50

(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. Tm-E646 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Sept. 2, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

GPO 83-38476

MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 17 1954

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

Month of August 1954 Docket No. DMEA 2157 Contract No. Am D 626
Operator's Name Cook Mining Company, Inc. Minerals Mn
Address Green Mtn., N. C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft	1575.00	45	2870.00	82	35.00	100	35.00
Crosscutting								
Raising	1			1000.00	1	1000.00	1	1000.00
Shafts	ft			4400.00	80	4400.00	80	55.00
Winzes	1			20.00	1	20.00	1	20.00
Drilling: Core								
Churn	1			50.00	1	50.00	1	50.00
Auger								
Stripping	1			150.00	1	150.00	1	150.00
Trenching	1			550.00	1	550.00	1	550.00
Test Pits								
Roads and Trails								
Total Distributed Costs		1575.00	45	9040.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

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

Date Sept. 1, 1954 Operator Cook Mining Co., Inc.
Per J. E. Cook Title Pres.

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 PROGRESS REPORT

MONTH OF AUGUST, 1954

DMEA # 3157
Idm E 646

WORK ACCOMPLISHED:

August 2 - Drilled and shot 23 holes - 5 feet deep.
August 3 - Mucked out shots pulling 31 buckets of muck
August 4 - Drilled 21 Holes-5 feet deep and shot same, using 20 sticks of dynamite
August 5 - Mucked out shots, pulling 29 buckets of muck.
August 6 - Drilled 14 holes 5 feet deep and worked on head frame
August 9 - Drilled 7 holes and shot same advancing 5 feet.
August 10.-Mucked out the shot pulling 28 buckets of muck.
August 11- Worked on pump and pumped water, drying the mine.
August 12- Drilled 22 - 5 foot holes and shot same advancing 5 feet.
August 13- Mucked out the shot and set up the column.
August 14- Drilled 36 foot of holes on cross cut searching for vein.
August 16- Drilled 19-5 foot holes and blasted same.
August 17- Mucked out shot advancing five feet.
August 18- Drilled 21-5 foot holes and blasted, advancing 5 feet.
August 19- Mucked out shot pulling 29 buckets of muck.
August
23 to 28 Overhauling Compressor.
August
30 to 31 Pumping water

RECEIVED

RECEIVED
SEP 7 1954
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

Docket Copy
Surname:
Anderson
Houk
Mittendorf

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

AUG 17 1954

Mr. Ed. Ellis, President
Cook Mining Company, Inc.
C/o Mayland Motor Company
Spruce Pine, North Carolina

Re: Docket No. DMEA-3157 - Mica
Charles Robinson Mica Mine
Yancey County, North Carolina
Contract No. Idm-B646

Dear Mr. Ellis:

Reference is made to the narrative portion of your July, 1954 Monthly Operator's Report.

Please refer to Section (c) of Form MF-104 (Rev.). It is not enough to merely refer to the daily performances of drilling, blasting and mucking, without any detail. The narrative statement should be a concise description of progress made; including drilling and timbering advance, number and depth of drill holes per round, advance per round and amount of powder used. It should give the difficulties encountered, type of rock penetrated, amount of pegmatite in the face, and an estimate of the amount of mica produced.

It will be appreciated if you will follow the above suggestions as nearly as possible in making your future reports.

Sincerely yours,

SIGNED

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

WCAnderson:gad 8/17/54
Copy to: Admr. R. File
Docket
Field Team, Region VII
Mr. Dietrich, 3061
Mr. Newcomb, 5227
Mr. Houk

INTERIM REPORT

ON

DMEA-3157, Idm-E 646, CHARLES ROBINSON MINE (mica)

Operator: Cook Mining Co., c/o Ed Ellis, Mayland Motors Co. Spruce Pine, N. C.

Location: 2.25 miles northeast of Micaville, Yancey County, N. C.

Lateral work continues on this contract and now totals 56 feet; the last 25 feet being driven in a S. 20° W. direction.

A pegmatite with a maximum thickness of about 4 feet is exposed in the head of the lateral. It is conformable to the enclosing country rock, coarse biotite gneiss, striking N. 35° E. and dipping steeply to the southeast.

Two 15-foot test holes were drilled from a point in the lateral 44' from the shaft; one in a S. 38° E. direction and the other in a S. 85° W. direction. No pegmatite was encountered in either hole.

About 150 pounds of "mine-run" mica ~~was~~ were recovered from the last 4 feet of advance. Most is heavily mineral-stained. It tends to be concentrated along the hanging (southeast) wall of the pegmatite.

The Operator was advised to continue driving the lateral northeastward along the pegmatite.

Date of exam: August 13, 1954.

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-R1036.4
Approval expires 6-30-53.

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

Month of July 1954 Docket No. DMEA 3157 Contract No. Mn 8 646
Operator's Name COOK MINING COMPANY, INC. Minerals MICA
Address SPRUCE PINE, NORTH CAROLINA
Contract Amount, $ 9,670.00 Government Participation: 90 % Amount, $ 8,703.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling: Sampling & Timbering		$1000.00	$1000.00			
Bulldozing						
Crosscutting						
Drifting 37 ft.	$1295.00		1295.00			
Shafting 18 ft.	990.00	3410.00	4400.00			
(2) Labor and Supervision:						
Labor: Head House		550.00	550.00			
Supervision: Tool House		150.00	150.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber: Explosive Mag		20.00	20.00			
Explosives: Powder Mag		50.00	50.00			
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$2285.00	$5180.00	$7465.00	2,285.00	5,180.00	7,465.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-6

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 8-2-54 *Payee COOK MINING COMPANY, INC.
Per J. E. Cook Title Sec-Treas.

When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing company or corporate name, as well as the capacity in which he signs, must appear. For example: "John 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 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:

$2,056.50

Signature Cara A. Piper
(Authorized Certifying Officer)

Date AUG 11 1954 Vou. No. 25
(See other side)

228.50

(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. IDM-E646 in accordance with the terms of the contract.

Signature Dewey H. Amos Title Geologist-USGS Date Aug. 6, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lemieux Title EXECUTIVE OFFICER DMEA REGION VII Date AUG 6 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of JULY 1954 Docket No. DMEA 3157 Contract No. Idm B 646
Operator's Name COOK MINING COMPANY, INC Minerals Mica
Address Spruce Pine, North Carolina

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft	$1295.00	37	$1295.00	37	35.00	100	35.00
Timbering & Timber Crosscutting	1			1000.00	1	1000.00	1	1000.00
Raising								
Shafts	ft	990.00	18	4400.00	80	55.00	80	55.00
Winzes Explosive Mag	1			20.00	1	20.00	1	20.00
Drilling Powder Mag.	1			50.00	1	50.00	1	50.00
Churn								
Auger								
Stoping Tool House	1			150.00	1	150.00	1	150.00
Trenching Hand Drills	1			550.00	1	550.00	1	550.00
Test Pits								
Roads and Trails								
Total Distributed Costs		$2285.00	55	$7465.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
Total Costs								

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

Date 8-2-54 Operator COOK MINING CO., INC.

Per [signature] Title Sec-Treas.

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

OPERATORS

MONTHLY PROGRESS REPORT

MONTH OF JULY 1954

DMEA No. 3157
Idn E 646

WORK ACCOMPLISHED:

July 1 - 3	Drilled, Blasted & Mucked Advancing	3 ft.
July 5 - 10	" " " " "	6 ft.
July 12 - 17	" " " " "	9 ft.
July 19 - 24	Drilled, Blasted and Mucked Drifting	15 ft.
July 26 - 31	" " " " "	22 ft.

INTERIM REPORT

On

CHARLES ROBINSON MINE- DMEA-3157, Idm-E 646 (mica)

Operator: Cook Mining Company, c/o Ed Ellis, Mayland Motor Co., Spruce Pine, N. C.

Location : 2.25 miles northeast of Micaville, Yancey County, N. C.

Shafting has been completed on this contract and a turn-off has been made from the 180-foot level of the shaft, leaving a 4-foot sump. A crosscut has been driven in a S. 25° W. direction for a total of 25 feet from the shaft. The last 10 feet of this lateral is along a pegmatite which has a maximum thickness of about 2 feet. It strikes S. 5° W. and dips 80° NW. and crosscuts at an acute angle the foliation of the biotite gneiss wall rock which strikes S. 20° W. and dips 80° NW. A fair quality but small amount of mica has been recovered from this body.

The Operator was advised to continue to advance the lateral in the same direction until another visit can be made. Progess on this contract is satsifactory.

Date of exam: July 29, 1954

K. H. Teague H. H. Amos

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

INTERIM REPORT

DMEA-3157 Idm-E646 (mica) CHARLES ROBINSON MINE

OPERATOR: Cook Mining Company, c/o Ed Ellis, Mayland Motor Company, Spruce Pine, N. C.

LOCATION: 2.25 miles northeast of Micaville, Yancey County, N. C.

Shaft sinking is nearing completion on this contract and is now at 180 feet. Turnoff from the shaft bottom will be made in the near future and crosscutting will get underway.

Material encountered in last 20 feet is principally biotite gneiss containing occasional lenses of granitic and quartz material. Instructions were given for the turnoff which will take place in the coming week.

Mr. R. A. Laurence, Executive Officer of DMEA, Region VII, accompanied the examiners on this visit to the mine.

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

K. H. Teague + D. H. Amos
zm
K. H. Teague & D. H. Amos, Geologist
U. S. Geological Survey

July 15, 1954

INTERIM REPORT

DMEA-3157 Idm-E646 (mica) CHARLES ROBINSON MINE

OPERATOR: Cook Mining Company, c/o Ed Ellis, Mayland Motor Company
Spruce Pine, N. C.

LOCATION: 2.25 miles northeast of Micaville, Yancey County, N. C.

Shaft sinking continues on this contract and is now at 164 feet. No target change is anticipated and sinking will continue to a total depth of 180 feet.

The mine was not working at the time of this visit, but contact with the foreman divulged that some pegmatite had been picked up in the shaft bottom. Another visit will be made in the near future. Instructions were given for turning off when shafting is completed.

Progress on this contract is satisfactory.

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

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

July 1, 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1954 Docket No. DMEA 3157 Contract No. Idm E 646
Operator's Name Cook Mining Company, Inc. Minerals Mica
Address Spruce Pine, North Carolina
Contract Amount, $9,670.00 Government Participation: 90 % Amount, $8,703.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Dewatering & Timbering		$1000.00	$1000.00			
Bulldozing						
Crosscutting						
Drifting						
Shafting - 34'	$1870.00	1540.00	3410.00			
(2) Labor and Supervision:						
Labor: Head Frame		550.00	550.00			
Supervision: Tool House		150.00	150.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Explosive Mag.		20.00	20.00			
Powder Magazine		50.00	50.00			
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1870.00	$3310.00	$5180.00	1870.00	3310.00	5180.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-3

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 7-2-54 *Payee COOK MINING COMPANY, INC.
Per J. E. [illegible] Title Sec-Treas.

*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:
$1693.00
Signature Cora A. Piper
(Authorized Certifying Officer)
Date JUL 22 1954 Vou. No. 16
(See other side)

4

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. TDM-E646 in accordance with the terms of the contract.

Signature Lawrence C. Shirley Title Mining Engr. U.S.G.M. Date July 6, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

GPO 83-38476

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

16

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1954 Docket No. DMEA 3157 Contract No. Idn E 646
Operator's Name COOK MINING COMPANY, INC. Minerals Mica
Address Spruce Pine, North Carolina

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
Dewatering & Timbering	1			$1000.00	1	$1000.00	1	$1000.00
Explosive Magazine	1			20.00	1	20.00	1	20.00
Powder Magazine	1			50.00	1	50.00	1	50.00
Shafts	Ft.	1870.00	34	3410.00	62	55.00	80	55.00
Tool House	1			150.00	1	150.00	1	150.00
Drilling: Core								
Churn								
Auger								
Head Frame	1			550.00	1	550.00	1 55	550.00
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1870.00	34	$ 5180.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 7-2-54 Operator COOK MINING COMPANY, INC.

Per J. E. [illegible] Title Sec-Treas.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

OPERATOR'S

MONTHLY PROGRESS REPORT

Month of June, 1954

DMEA # 3157

Idm E 646

Work Accomplished:

June 1 - 5	Drilled, Blasted & Mucked, Advancing 5 Feet
June 7 - 12	Advancing 5 Feet
June 14 - 19	Advancing 5 Feet
June 21 - 26	Advancing15 Feet
June 28 - 30	Advancing 4 Feet

RECEIVED
JUL 8 1954
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

INTERIM REPORT

On

DMEA-3157, Idm-E 646 (mica) CHARLES ROBINSON MINE

Operator: Cook Mining Company, c/o Ed Ellis, Mayland Motor Co., Spruce Pine, N.C.

Location: 2.25 miles northeast of Micaville, Yancey County, N. C.

Shaft sinking continues on this contract and combined with reconditioning now totals 142 feet. Material encountered during sinking consists of biotite gneiss.

It was suggested to the Operator that long drill holes be made to the southeast from the shaft bottom to ascertain the distance to the pegmatite.

Date of exam: June 16, 1954

K. H. Teague D. H. Amos

K. H. Teague and D. H. Amos, Geologists

U. S. Geological Survey

z

INTERIM REPORT

DMEA-3157 Idm-E646 (mica) CHARLES ROBINSON MINE

OPERATOR: Cook Mining Company, c/o Ed Ellis, Mayland Motor Company, Spruce Pine, N. C.

LOCATION: 2.25 miles northeast of Micaville, Yancey County, N. C.

Shaft sinking continues on this contract and combined with reconditioning now totals 134 feet. The mine was not working on the date of this visit and the bottom was not examined. Material encountered during sinking consists almost wholly of biotite gneiss. Another examination will be made in the near future.

Mary L. Redmon for
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

June 2, 1954

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 11 1954

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

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

Month of May, 1954 Docket No. DMEA 3157 Contract No. Idm-E 646
Operator's Name COOK MINING COMPANY, INC. Minerals Mica
Address Spruce Pine, North Carolina
Contract Amount, $ 9,670.00 Government Participation: 90 % Amount, $ 8,703.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						M
Drilling						
Bulldozing						
Crosscutting						
Downtoring & Timbering		$1000.00	$1000.00			
Shafting 20 ft.	1100.00	440.00	1540.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
~~xxxx~~ Head Frame		550.00	550.00			
Explosives						
~~xxxx~~ Tool House		150.00	150.00			
Track						
Explosive Magazine		20.00	20.00			
Powder Magazine		50.00	50.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						71
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1100.00	$2210.00	$3310.00	1,100.00	2,210.00	3,310.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-

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

Date June 3, 1954 *Payee COOK MINING COMPANY, INC.

Per _____ Title Pres.

*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:

$ 990.00

Signature Cora A. Piper
(Authorized Certifying Officer)

Date JUN 9 1954 Vou. No. 304

(See other side)

110.00

(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-F646 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.Bm Date June 5, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] ACTING Title EXECUTIVE OFFICER DMEA REGION VII Date JUN 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.

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1954 Docket No. DMEA 3157 Contract No. Idm-E 646
Operator's Name COOK MINING COMPANY, INC. Minerals Mica
Address Spruce Pine, North Carolina

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
Dewatering & Timbering	1			$1000.00	1	1000.00	1	$1000.00
Drifting	1			20.00	1	20.00	1	20.00
Crosscutting	1			50.00	1	50.00	1	50.00
Raising	Ft.	1100.00	20	1540.00	28	55.00	80	55.00
Shafts	1			150.00	1	150.00	1	150.00
Explosive Magazine								
Powder Magazine								
Tool House								
Drilling: Core								
Churn								
Auger								
Stripping	1			550.00	1	550.00	1	550.00
Head Frame								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$1100.00	20	$3310.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

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

Date June 3, 1954 Operator COOK MINING COMPANY, INC.

Per E A Ellis Title Pres.

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

OPERATOR'S
MONTHLY PROGRESS REPORT
Month of May 1954

DMEA No. 3157
Idm-E 646

WORK ACCOMPLISHED:

May 3 - 8	Drilled, Blasted and Mucked, advancing 5 Ft.
May 10 - 15	Drilled, Blasted and Mucked, Advancing 5 ft.
May 17 - 22	Drilled, Blasted and Mucked, Advancing 5 ft.
May 24 - 29	Drilled, Blasted and Mucked, Advancing 5 ft.

FILE COPY
Surname:
Anderson
Houk

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

May 6, 1954

N.S. in R.R.

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 2 - Docket No. DMEA-3157 - Mica
Cook Mining Company, Inc.
Charles Robinson Mica Mine
Yancey County, North Carolina
Contract No. Idm-E646

The purpose of Amendment No. 2 to Contract No. Idm-E646 is to extend the time to commence work from 60 days to 90 days and the completion date from October 14 to November 14, 1954. This was necessary because of the time consumed in the construction of a headframe, which through oversight was not included in the contract.

The Nonmetallic Minerals Division concurs in the amendment as written.

/S/

W. C. Anderson
Nonmetallic Minerals Division

WCAnderson:ag 5/6/54
Copy to: Admr. R. File
Docket File
Mr. Houk

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

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

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

Month of April, 1954 Docket No. DMEA 3157 Contract No. Idm-E646
Operator's Name Cook Mining Company, Inc. Minerals Mica
Address Spruce Pine, North Carolina
Contract Amount, $ 9,670.00 Government Participation: 90 % Amount, $ 8,703.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
~~Dewatering~~ Dewatering and Timbering Mine	1000.00	None	1000.00	1,000.00	—	1,000.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Shafting	440.00	None	440.00	440.00	—	440.00
(4) ~~Operating Equipment~~:						
~~Rental~~ Tool House					150.00	150.00
~~Purchase~~ Powder Magazine					50.00	50.00
~~Depreciation~~ Exploder "					20.00	20.00
~~(5) Initial Rehabilitation and Repairs~~ Head Frame					550.00	550.00
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes					—	
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1440.00		$1440.00	1,440.00	770.00	2,210.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-64

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

Date May 1, 1954 *Payee COOK MINING COMPANY, INC.

Per E A Collins Title President

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

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

(Instructions on reverse)

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

$ 1,296.00

Signature Conn R. Pipes
(Authorized Certifying Officer)

Date MAY 13 1954 Vou. No. 281

(See other side)

2

144.00

(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. [illegible] in accordance with the terms of the contract.

Signature [illegible] Title Mining Engineer Date May 6, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: ACTING EXECUTIVE OFFICER

Signature [illegible] Title DMEA REGION VII Date MAY 10 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1954 Docket No. DMEA 3157 Contract No. Idm-E 646
Operator's Name Cook Mining Company, Inc. Minerals Mica
Address Spruce Pine, North Carolina

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Dewatering & Timbering	1	1000.00	1	1000.00	1	1000.00	1	1000.00
Drifting								
Crosscutting								
Raising								
Shafts	8	440.00	8	440.00	8	440.00	80	4400.00
Winzes								
Drilling: Core								
Explosive Magazine	1	~~20.00~~		20.00	1	20.00	1	20.00
Auger								
Stripping Powder Magazine	1	~~50.00~~		50.00	1	50.00	1	50.00
Trenching Tool House	1	~~150.00~~		150.00	1	150.00	1	150.00
Test Pits Head Frame	1	~~550.00~~		550.00	1	550.00	1	550.00
Roads and Trails								
TOTAL DISTRIBUTED COSTS		~~$2210.00~~ 1440.00		$2210.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date May 1, 1954 Operator COOK MINING COMPANY, INC.

Per O A Ellis Title Pres.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

O P E R A T O R ' S
Monthly Progress Report
Month of April 1954

DMEA # 3157

Idm - E 646

WORK ACCOMPLISHED:

April 1 - 24	Pumping water, mucking and timbering
April 26 - 30	Drilling and Mucking on Shaft, Advancing 8 Feet.

May 10, 1954

Mr. E. A. Ellis
Cook Mining Company, Inc.
Spruce Pine, N. C.

Re: DMEA-3157, Idm-E 646 (mica)

Dear Mr. Ellis:

Your April monthly report and voucher has been received in this office and is being sent to the Finance office today for processing.

Both your MF-104 and MF-104A were made out incorrectly. On form MF-104 you did not put in the second and third column, the items previously reported such as : powder magazine - $50; exploder magazine $20; tool house $150; and headframe $550. Your totals at the bottom of the page should have been: $1440.00; $770.00; and $2210.00.

On form MF-104A, in the first column on the line marked 'shafts', the unit is feet instead of 8. The Unit costs to Date should have been $55.00 instead of $440.00 and the Unit Costs Authorized by Contract - should have been $55.00 instead of $4,400.00.

Please correct your total expenditure forward on all future reports.

Very truly yours,

Wm. A. Beck, Acting

WAB/zm

Department of the Interior
Defense Minerals Administration
RECEIVED
APR 29 1954

April 27, 1954

Mr. Ed Ellis, President
Cook Mining Company, Inc.
c/o Mayland Motor Co.
Spruce Pine, North Carolina

Re: DMEA-3157, Icm-E 646 (mica)
Charles Robinson Mine

Dear Mr. Ellis:

Following the examination last week by Mr. Teague and Mr. Shirley, permission is hereby given for undertaking the work described as Stage II in exhibit "A" of the subject exploration contract.

Very truly yours,

Robert A. Lawrence
Executive Officer, DMEA
Region VII

RAL/mm
cc:
Beck
Lynch
Finance Office

Opr. Com-3
Files

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

April 23, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region VII

Subject: Amendment No.2 on DMEA-3157, Idm-E 646, Cooke Mining Co. (mica)

Transmitted herewith are three signed copies of the subject amendment. The usual distribution of the other copies has been made.

This amendment was necessary due to the time for starting the project expiring before the amendment (No. 1) for the headframe was executed. Please refer to our memo of January 22 on the subject contract.

Robert A. Laurence

Robert A. Laurence

RECEIVED
MAY 10 1954
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

Defense Minerals Administration
RECEIVED
APR 23 1954

INTERIM REPORT

DMEA-3157 Idm-E646 (mica) CHARLES ROBINSON MINE

OPERATOR: Cook Mining Company, c/o Ed Ellis, Mayland Motor Company, Spruce Pine, North Carolina.

LOCATION: 2.25 miles northeast of Micaville, Yancey County, N. C.

Starting date on this contract is March 1, 1954. Since this date an access road has been prepared and an old dump in the vicinity of the shaft has been leveled at the operators expense. A power line has been run to the mine and unwatering is underway. A rigid head frame has been constructed, details of which will follow shortly. A crosshead and guides are being installed in the shaft and this work is progressing as fast as reconditioning will allow. About 75 feet of shaft has been unwatered and 20 to 30 feet of the shaft has been reconditioned. A tool house, powder magazine and cap magazine has been constructed. The usual equipment, air compressor, hoist, etc., are at the mine site. Progress on this contract is satisfactory.

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

April 9, 1954

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ON VOUCHER & SCHEDULE
PAYMENTS K

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1954 Docket No. DMEA 3157 Contract No. Idm-2 646
Operator's Name COOK MINING COMPANY, INC. Minerals Mica
Address SPRUCE PINE, NORTH CAROLINA
Contract Amount, $9,670.00 Government Participation: 90 % Amount, $8,703.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
10' x 15' Tool House	150.00	None	150.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Powder Magazine	50.00	None	50.00			
Explosives						
Pipe						
Track						
Exploder Magazine	20.00	None	20.00			
Headframe	550.00	None	550.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$770.00	-0-	$770.00	770.00	—	770.00

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

Date 4-1-54 *Payee COOK MINING COMPANY, INC.

Per E A Ellis Title Pres.

*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:

$693.00

Signature Cora A. Piper
(Authorized Certifying Officer)

Date APR 6 1954 Vou. No. 258

(See other side)

1st S-31/57 7700

(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. Ida-E646 in accordance with the terms of the contract.

Signature Lawrence C. Shirley Title Mining Engr. U.S.B.M. Date April 5, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. A. Beck ACTING Title EXECUTIVE OFFICER DMEA REGION VII Date APR 5 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible] 195 4 Docket No. DMEA 3257 Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
[illegible] Churn	1	[illegible]	1	[illegible]	1	[illegible]	1	[illegible]
[illegible] Auger	1	[illegible]	1	[illegible]	1	[illegible]	1	[illegible]
Stripping								
Trenching [illegible]	1	[illegible]	1	[illegible]	1	[illegible]	1	[illegible]
Test Pits								
Roads and Trails								
[illegible]	1	[illegible]	1	[illegible]	1	[illegible]	1	[illegible]
TOTAL DISTRIBUTED COSTS		[illegible]		[illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		[illegible]		[illegible]				

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

Date 4-1-54 Operator [illegible]

Per E. A. Ellis Title [illegible]

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)

8

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 PROGRESS REPORT
for the
Month of March 1954

Date Work Began March 1st

DMEA No. 3157

Idm-E 646

Work Accomplished:

We started work on March 1st and have progressed as follows:

Daily Notes:

March 1 - 5 Bulldozing off Dump.

March 8 - 12 Started Timbering at Shaft.

March 15-19 Built tool house, powder magazine and exploder magazine.

March 22-26 Built Headframe.

March 29-31 Pumped water.

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

WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 - 1954

March 1, 1954

Memorandum

To: Operating Committee DMEA- Washington

From: Exexutive Officer, DMEA - Region 7

Subject: Contract and Amendment On DMEA-3157, Idm-E 646. (mica)
Cook Mining Co. Inc. Spruce Pine, N. C.

Transmitted herewith are three signed copies of the subject contract with amendment No. 1 attached to each copy of the contract.

The usual distribution of the other copies has been made. Work has been started on this project.

Robert A. Laurence

Robert A. Laurence

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

February 19, 1954

Mr. Ed. Ellis, President
Cook Mining Company, Inc.
c/o Mayland Motor Co.
Spruce Pine, North Carolina

Re: DMEA-3157, Idm-E 646 (mica)
Cook Mining Company
Charles Robinson Mine

Dear Mr. Ellis:

Please refer to our letter of February 5, 1954, in which we sent you six copies of an Amendment to the contract which was sent you December 16, 1953. To date we have not received the signed contracts or Amendments in this office.

If the terms of the contract or the Amendment do not meet with your approval please return them to this office unsigned with your suggested changes for consideration.

We would appreciate your giving this matter your immediate attention so that we may transmit the contract to our Washington office.

Very truly yours,

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

WAB/am
cc:
Beck
Lynch
Opr. Com.
Files

FILE COPY
Surname:
Houk
Chamberlin
Selfridge
Hedges
Westfield

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

FEB - 3 1954

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

Subject: Docket No. DMEA-3157 - Mica
Charles Robinson Mica Mine
Cook Mining Company, Inc.
Yancey County, North Carolina
Contract No. Idm-E646

Dear Mr. Laurence:

Reference is made to your memorandum addressed to the Operating Committee, dated January 22, 1954, and transmitting proposed Amendment No. 1 allowing $550.00 for construction of a headframe on the subject property.

Please find enclosed the original and five copies of Amendment No. 1 which have been signed by this office for the Government. If the terms and conditions of this amendment are satisfactory to you and the Operator, all six copies should be signed and the usual distribution made.

If any part of this amendment does not have either your approval or that of the Operator and cannot be amended within your delegated authority, the original and all copies of the subject amendment are to be returned to this office, together with the proposed changes for consideration.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JHB)

Approved:

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

s/ Philip W. Guild (JHB)
Member, Geological Survey

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

Enclosures 6

R.C.G. 2-3-54

FILE COPY
Surname:

Chamberlin

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

February 2, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 1 - Docket No. DMEA-3157 - Mica
Cook Mining Company, Inc.
Charles Robinson Mica Mine
Yancey County, North Carolina
Contract No. Idm-E646

The purpose of Amendment No. 1 to Contract No. Idm-E646 is to authorize construction of a headframe increasing cost of contract by $550.00. North Carolina state mine laws require headframe on shafts over 100 feet in depth. The Operator does not wish to sign the contract, in the field for execution, unless he is reimbursed for headframe. Through an oversight the cost of the headframe was not included in the contract. The Government will have no interest in the salvage value of this headframe at the completion of the contract.

The Nonmetallic Minerals Division concurs in the amendment as written.

LGHouk:gad 2/2/54

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

R.C.J. 2-3-54

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

January 22, 1954

Memorandum

To: Operating Committee, D M E A Washington

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

Subject: Amendment to Contract Idm-E 646, Docket No. DMEA-3157 (mica) Cook Mining Company, Inc. (Charles Robinson Mine) Yancey County, N. C.

Transmitted herewith are the original and five copies of a proposed amendment allowing $550.00 for construction of a headframe on the property covered by the subject contract.

Through an oversight the field examiners did not allow for this item in their examination report and the Operator does not want to sign the contract unless he is reimbursed for its construction.

North Carolina state mine laws require the construction of a headframe on shafts over 100 feet in depth.

The Field Team is in agreement that this should be allowed.

Robert A. Laurence, Executive Officer
DMEA-Region VII

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1954

D M E A

Referred Dockets on Hand December 31, 1953

DMEA-3215 (mica) Tralyta Mining Co., Blairsville, Georgia.

Referred request received December 28. Will be examined in January.

The following contracts, signed by the Administrator, have been forwarded to Operators for signature, but have not been returned to this office by December 31, 1953:

DMEA Number	Idm-E No.	Operator	Date Sent
3041	E-634	Robt. K. Andre'	December 16
✓3157	E-646	Cook Mining Co. Inc.	December 16
3188	E-647	Charlie Hensley	December 16

FILE COPY
SURNAME:

Hauk
Clements
Hoffman

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

600

DEC 14 1953

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

Subject: Docket No. DMEA-3157 - Mica
Charles Robinson Mica Mine
Cook Mining Company, Inc.
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 he 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.

The owners of the land should be informed that the six copies of the Owner's Consent to Lien form which were signed in blank have been completed by filling in the description of the property, the name of the operator, and the date of December 1, 1953.

Copies of memoranda from the Bureau of Mines and the Geological Survey are enclosed.

Sincerely yours,

Ernest Wm. Ellis
by EJS
ACTING Chairman, Operating Committee

Approved:
J. H. Hedges
by EJS
Member, Bureau of Mines

T. P. Thayer by EJS
Member, Geological Survey

Enclosures 10

JTRobertson:ag 12/10/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.G. 12-14-53

FILE COPY 9/3
SURNAME:

140

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

December 4, 1953

AEKane
Porter

Memorandum

To: The Administrator
Through: Mr. L. G. Houk

From: Chief Counsel

Subject: Cook Mining Company, Inc. - Docket No. DMEA-3157

There is attached, in satisfactory legal form for execution, a contract covering the above-described project.

The owners of the land should be informed that the Owner's Consent to Lien form which was signed in blank has been completed by filling in the description of the property, the name of the operator, and the date of December 1, 1953.

Albert E. Kane

for J. L. Hofflund
Chief Counsel

Attachments

AEKane/ema

Copy to: Docket
E. G. Houk
J. L. Hofflund
A. E. Kane
Chron.

GENERAL SERVICES ADMINISTRATION

Spruce Pine, North Carolina

November 12, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 16 1953

Mr. Ed Ellis, President
Cook Mining Company, Inc.
C/o Mayland Motor Company
Spruce Pine, North Carolina

Re: Docket No. DMEA-3157 - Mica
Charles Robinson Mica Mine
Yancey County, North Carolina

Dear Mr. Ellis:

Mr. B. G. Thomas, one of the partners in the Charles Robinson Mica Mine operation in Yancey County, North Carolina, has submitted a sample of mica from this mine for our evaluation. We are pleased to advise that this mica is of non-ruby variety and will be acceptable on the present government non-ruby mica purchasing program.

I am sending a copy of this letter, as per Mr. Thomas's request, to Mr. Lawrence G. Houk, Chief, Nonmetallic Minerals Division, Defense Minerals Exploration Administration, Washington 25, D. S.

Yours very truly,

W. S. Flynt, Superintendent
Spruce Pine Mica Depot

cc: Lawrence G. Houk
WSF/mb

FILE COPY
SURNAME:

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

Unit Mattendorf

NOV 9 1953

Mr. Ed. Ellis, President
Cook Mining Company, Inc.
C/o Mayland Motor Company
Spruce Pine, North Carolina

Re: Docket No. DMEA-3157 - Mica
Charles Robinson Mica Mine
Yancey County, North Carolina

Dear Mr. Ellis:

Reference is made to your application for exploration assistance on the Charles Robinson Mica Mine in Yancey County, North Carolina.

Please send representative samples of the mica from this deposit to Mr. Walter C. Flynt, Superintendent, Spruce Pine Mica Depot, General Services Administration, Box 846, Spruce Pine, North Carolina, for evaluation as to acceptability for purchase under the Mica Purchasing Program. Request Mr. Flynt to supply a copy of his findings to Lawrence G. Houk, Chief, Nonmetallic Minerals Division, Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

Sincerely yours,

SIGNED

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

LGHouk:gad 11/9/53

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

R.C.G.
11-9-53

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

RECEIVED
OCT 30 1953
Docket file

October 29, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Acting Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3157, Mica

Applicant: Cook Mining Company, Incorporated
Property: Charles Robinson Mine, Yancey County, North Carolina
Date of Field Team Report: October 6, 1953
Field Team's Recommendation:

1. Dewatering existing 104-foot shaft.
2. Exploration by an 80-foot shaft and drift 100-feet.
3. Total estimated costs - $9,125.

Comments:

1. Review of the two possible projects indicates the one suggested by the field team is the better.
2. It is suggested that the field team inspect the existing workings after they have been dewatered and reappraise the suggested exploration program before proceeding with Stage II.

Recommendation:

"Concur in the field team's recommendation for an exploration program in the amount of $9,125, based on two stages."

Donald R. Irving

Donald R. Irving

IN REPLY REFER TO:

G-MD-CNM

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 23 1953

October 22, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3157 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: Cook Mining Company, Spruce Pine, North Carolina.
Name of property: Charles Robinson mine.
Location of property: 2.25 miles northeast of Micaville, Yancey County, North Carolina.
Date of field team report: October 6, 1953.
Authorship of field team: K. H. Teague and L. E. Shirley.
Field team's recommendation:

Stage I. Dewater old workings and recondition shaft.
II. Replace ladders.
Deepen northeasternmost shaft about 80' and drive 100' of drifts and crosscuts.

Cost $9,125

Comments:

1. War II production $69,228 green mica.
2. Geology appears to be promising for additional mica.

ACTION SUGGESTED:

Follow field team's recommendation, if green mica is desired by G.S.A. Much of War II green mica is reported to still be on hand.

D. M. Larrabee

D. M. Larrabee

98

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 16 1953

October 14, 1953

Memorandum

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

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

Subject: Examination Report on DMEA-3157, Charles Robinson Mine (mica)

Enclosed herewith are 4 copies of the subject examination report and 6 extra copies of the map.

The Field Team agrees with the findings of the report and approves the proposed work as being a better plan than the applicant's proposal.

It is suggested that the last item of Stage II be changed to read "drift and crosscut" instead of "drift," even though at present it does not appear that any cross-cutting will be required.

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

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

7 cc mailed

zm

Reviewed by DMEA Oper Com. 10-23-53

On-Site Exam Rpt.

UNITED STATES
DEPARTMENT OF THE INTERIOR

OCT 16 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY THE FIELD TEAM, REGION VII

ON

DMEA-3157, CHARLES ROBINSON MINE (mica)
Y ancey County, N. C.

BY

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

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

October 6, 1953

Map in envelope

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 16 1953

FIELD EXAMINATION REPORT
ON
DMEA-3157, CHARLES ROBINSON MINE (mica)

Applicant: Cook Mining Company, Inc., Ed Ellis, Pres. Spruce Pine, N. C.

During World War II $69,222.28 worth of green mica was sold to the Colonial Mica Corporation from this mine. From all available reports considerable reserves of mica are still available in the deposit. Two possible approaches for exploration are worth consideration; however, the merit of each is dependent upon the interpretation of the meaning of exploration.

The deposit was examined on October 6, 1953. Messrs. Ed Ellis and B. G. Thomas accompanied the examiners on the inspection which required two hours.

The Charles Robinson mine is 2.25 miles northeast of Micaville, Yancey County, North Carolina. Access to the mine is generally good at all times.

Description of the workings and underground geology, taken from a manuscript report by W. R. Griffitts, U.S.G.S., dated May 8, 1944, is given in part below:

"The country rock is migmatite (injection gneiss) that presumably was formed by introduction of feldspathic material into mica schist or gneiss. It is composed of lenses of quartz and feldspar 2 or 3 inches long separated by layers of mica schist 1/4 inch to an inch thick. Magnetite, chlorite, and epidote are present in small amounts. Within 10 to 100 feet of the mine the mica schist or gneiss contains comparatively little introduced material. In the two adits there is some severely weathered material that may have been hornblende gneiss.

"The pegmatite is composed chiefly of quartz, oligoclase (Ab78), muscovite, garnet, and apatite. A few crystals of allanite and very small amounts of beryl and tourmaline were seen. A few tiny grains of a black mineral, perhaps uraninite, were found scattered through green-stained feldspar in an area 6 or 8 inches across. A light green mineral that forms crusts on the feldspar is probably an alteration product of this black mineral; it may be voglite ($CaCuVO_2$ carbonate).

"The pegmatite averages 6 feet in thickness in the lowest workings. Its continuity is broken by numerous layers of schist that branch off from the steeply dipping rock in the west foot wall, flatten in the center of the workings and then steepen again to join the east hanging wall. These layers range in thickness from an inch to a foot or more. Between them are lenses of pegmatite, which appear to be larger near the east wall than elsewhere. Quartz is concentrated near the hanging and foot walls of these lenses, where it is

associated with much garnet, apatite, and muscovite. Near the east wall these minerals tend to be concentrated along the hanging wall, whereas in the central and western parts of the pegmatite zone they are most commonly at the foot wall. At the north heading the pegmatite in the easternmost and largest lenses contains blocky feldspar crystals several inches across.

"In the drift at an altitude of about 2,680 feet, the pegmatite is 5 feet thick and contains no schist layers, thus differing considerably from that in the lower workings. Next to the walls is a 6 -to- 8 inch zone composed chiefly of feldspar. Inside this is a mass of quartz and feldspar with many small books of muscovite; southward along the drift the quartz becomes less prominent. About 20 or 30 feet south of the water hole the pegmatite is composed of feldspar and continues as such to the limit of the accessible workings. Massive quartz bodies occur near the center of the pegmatite in the heading at 2,710 feet.

"The average strike of the pegmatite is N. 35° E. and the average dip is vertical. In the shafts it is a nearly plane, vertical body. Southward, however, it becomes increasingly curved. Between the two drifts to the south a broad bend, concave toward the east, is indicated. Above an altitude of 2,680 feet, another broad bend concave to the west, is shown by the dip in the drift and the positions of pegmatite in the few accessible workings in the upper part of the mine. The pegmatite appears to be swinging back to the east below the lowest drift, strongly suggesting the presence of another open "fold."

"The upper part of the mine, southwest of the shaft and above the Spruce Pine Mica Company's drift, is said to have yielded much clear mica. A relatively poor zone thus separates the upper mica zone from the lower one. It is interesting to note that the two zones, where an easterly dip steepens and becomes vertical, concide with the zones from which the greatest mica production is reported. A little mica is reported from other parts of the pegmatite. There has been little prospecting in the region where the westerly dip steepens to vertical, hence it cannot be considered barren.

"The mine was probably first opened 40 to 50 years ago by Charles Robinson, whose work was done in hard rock near the location of the present shafts. During the first year of Robinson's operations, he is said to have sold mica valued at $12,000. Some very large sheets were said to have been used for "window glass." Much work was also done in the soft, decomposed pegmatite south of the shaft, but the date is unknown. About 1925 the Spruce Pine Mica Company drove the drift at an altitude of about 2,680 feet, but recovered very little mica.

"The Morton Mining Company began operations by sinking to the 2,630-foot level, where mica was found, and by driving an incline southward.

"The mica produced in the early history of the mine is said to have been free from specks. In the present workings, however, roughly 35 percent of the total sheet mica is specked."

Colonial Mica Corporation purchased $69,222.28 worth of mica classified as green in color from this mine during World War II. In U. S. G. S. Professional Paper 225, Physical Characteristics of Commercial Sheet Muscovite in the Southeastern United States, the color is classified as yellowish green to yellowish olive. Of the specimens tested, about 10 percent contained cracks and 15 percent contained pinholes. Q-meter tests on 689 pieces of mica gave 100 percent E-1 results.

As mentioned previously, there are two possible approaches for bringing this mine back into production. The applicant has proposed reconditioning and deepening an existing 40-foot shaft to 220 feet, then doing 100 feet of lateral work northeast of the shaft. The principal advantage of this approach is that it will explore an unexplored block of ground southwest of existing workings which apparently produced mica. Also, it would provide better haulage from the existing "south-heading"; however, the existing mine is deeper than the bottom of this proposed shaft.

The other possible approach for exploring the deposit is to dewater the existing workings and conduct exploration work from them. The advantage of this approach is that it will require less money, be faster, and probably has more chance of success. In the U. S.G.S. report of 1944 the following statement is made: "Two prinicpal mica zones, separated by more barren pegmatite, have been mined in the past. There may well be another shoot at greater depth, possibly 70 or 80 feet below the present workings. Other regions which may be mica-bearing lie below and south of the water hole on the 2,680-foot level and both north and south of the lower drift."

The mine map indicates that the known mica shoots all rake about 20° SW and that a considerable block of unexplored pegmatite exists below the northernmost shaft. This shaft was taped to a depth of 96 feet at the time of the examination and it may be entirely feasible to recondition it, as the map shows its depth as 104 feet. It is estimated that the mine now contains approximately 600,000 gallsons of water which probably could be pumped in about seven days. The examiners understand that the north shaft is mostly in hard rock, thus the only reconditioning that would be required would be a small amount of cribbing around the collar and installation of new ladders.

After the mine is dewatered and ladderways installed, the field examiners should inspect the various headings; however, with the information now available it appears that the most desirable work would involve deepening the northeastern most shaft about 80 feet and driving 100 feet of laterals to the southwest.

If any work is done, the examiners recommend that the above be given consideration.

Estimated cost of conducting work from existing workings (see map):

Stage I

Dewater workings and recondition existing 104-foot shaft- $1000.00

Stage II

10' x 15' Tool House	$ 150.00	
Powder Magazine	50.00	
Explorder Magazine	25.00	
80 feet, 5' x 7'-2-compartment shaft @ $55/ft.	4,400.00	
100 feet 5' x 7' drift @ $35/ft.	3,500.00	$9,125.00
Estimated Total Cost		$9,125.00

Estimated time required - 8 months.

K. H. Teague, USGS

L. E. Shirley, USBM

zm

FILE COPY
SURNAME:

Houk
Crubel
Hedges
Lefforge
F.E. Johnson

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

600

OCT - 5 1953

Cook Mining Company, Inc.
Mr. Ed. Ellis, President
C/o Mayland Motor Company
Spruce Pine, North Carolina

Re: Docket No. DMEA-3157 - Mica
Charles Robinson Mica Mine
Yancey County, North Carolina

Dear Mr. Ellis:

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.

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,

Frank E. Johnson

ACTING Administrator

LGHouk:gad 10/2/53
Copy to: Admr. R. File
Docket File
Operating Committee
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.B. 10-5-53

FILE COPY
SURNAME:

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

600

Houk
Selfridge
GCSelfridge

OCT - 5 1953

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

Subject: Docket No. DMEA-3157 - Mica
Cook Mining Company, Inc.
Charles Robinson Mica Mine
Yancey County, North Carolina

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it advisable.

Copies of memoranda from the Geological Survey and the Bureau of Mines are enclosed for your information.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (2/B)

Approved:

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

A. R. Kinkel, Jr.
Member, Geological Survey (2/B)

Enclosures 4

LGHouk:gad 10/2/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.L.L. 10-5-53

C. BRASWELL COLLINS
ATTORNEY AT LAW
THE ARLINGTON BUILDING
1025 VERMONT AVENUE, N. W.
WASHINGTON 5, D. C.

NATIONAL 8-7808

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 23 1953
mDL

September 22, 1953

Re: DMEA 3157

Defense Minerals Exploration Administration
Dept of Interior Bldg
Washington 25, D. C.

Attn: Mr. Robertson

Dear Mr. Robertson:

Enclosed are six copies of "Owner's Consent to Lien" forms which have been executed in blank by the owners of the land leased to Cook Mining Company, Inc.

If any additional information is needed, we shall be glad to supply it.

Sincerely yours,

C B Collins

C. B. Collins, Attorney
Cook Mining Co., Inc.

CBC/amb

Cook Mining

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

September 30, 1953

Memorandum 4

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3157, Mica, Charles Robinson Mica Mine, Cook Mining Company, Inc., Yancey County, North Carolina

Bureau of Mines records show an average sale of $2,930.52 of mica from May to September 1944 to Colonial Mica from the Charles Robinson Mica Mine. It is recommended that the field team visit this property when a member of the field team is in that vicinity to ascertain if an exploration program is justified.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CNM

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

Memorandum

September 11, 1953

REVIEW OF APPLICATION DMEA-3157 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: Cook Mining Co., Spruce Pine, North Carolina.
Name of property: Charles Robinson mine.
Location of property: Yancey County, North Carolina(near Silver Chapel).
Summary of applicant's proposal: Bulldoze shaft site and road.
Shaft 220 feet.
Drifts 50 feet
Crosscut 50 feet.
Sources of information on applicant's property: 1. U.S.G.S. manuscript report 11595, May 8, 1944, by W. R. Griffitts.
Comments:

1. Item 1-c. B. G. Thomas, Secretary.
   5, exhibit A. Fletcher Phillips. Secretary-Treasurer.
   (This is an interesting discrepancy.)

2. First 60 feet of shaft to be in caved shaft site. This will be troublesome.

3. During War 2, about 35 percent of total sheet contained mineral inclusions.

4. "Although it seems desirable to explore this (South) part of the deposit, the sparse mica in the two accessible south headings and the absence of surface workings south of the proposed shaft site suggest that other areas might be more favorable and should be given prior consideration."

5. Griffitts noted 9/14/51 that recommendations on page 4, par. 2 and 3, of his report, are not advisable.

6. He noted 9/14/51 that his last recommendation was still O.K. "The lower drift could be extended southward to prospect the extension of the shoot recently mined. Only a small heading would be necessary, and here again the muck could be left in the drift. This drift would explore part of the ground that would be traversed by the proposed shaft."

7. Much mica is haircracked.

DMB

8. With access already provided at 2,600-foot level it would be development to sink a shaft nearby, for haulage convenience.

RECOMMENDATION:

Refer to Field Team, who should give serious consideration to Griffitts recommendation above. This will greatly reduce the cost of the applicant's proposal. In its present form, a denial would be recommended.

D. M. Larrabee

D. M. Larrabee

Cook Mining Company, Inc.
Mr. Ed. Ellis, President
c/o Mayland Motor Company
Spruce Pine, North Carolina

September 8, 1953
Subject: DMEA-3157
Re: Exploration Assistance
Charles Robinson Mica Mine

Dear Mr. Ellis:

The receipt of your application dated September 4, 1953, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3157 and referred to the Nonmetallic Minerals Division.

Kindly refer to DMEA-3157 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Roberts E. Adams
Chief, Operation's Control
and Statistics Division

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

OFFICIAL BUSINESS

Region V
2908 Colfax Avenue South
Minneapolis 8, Minnesota

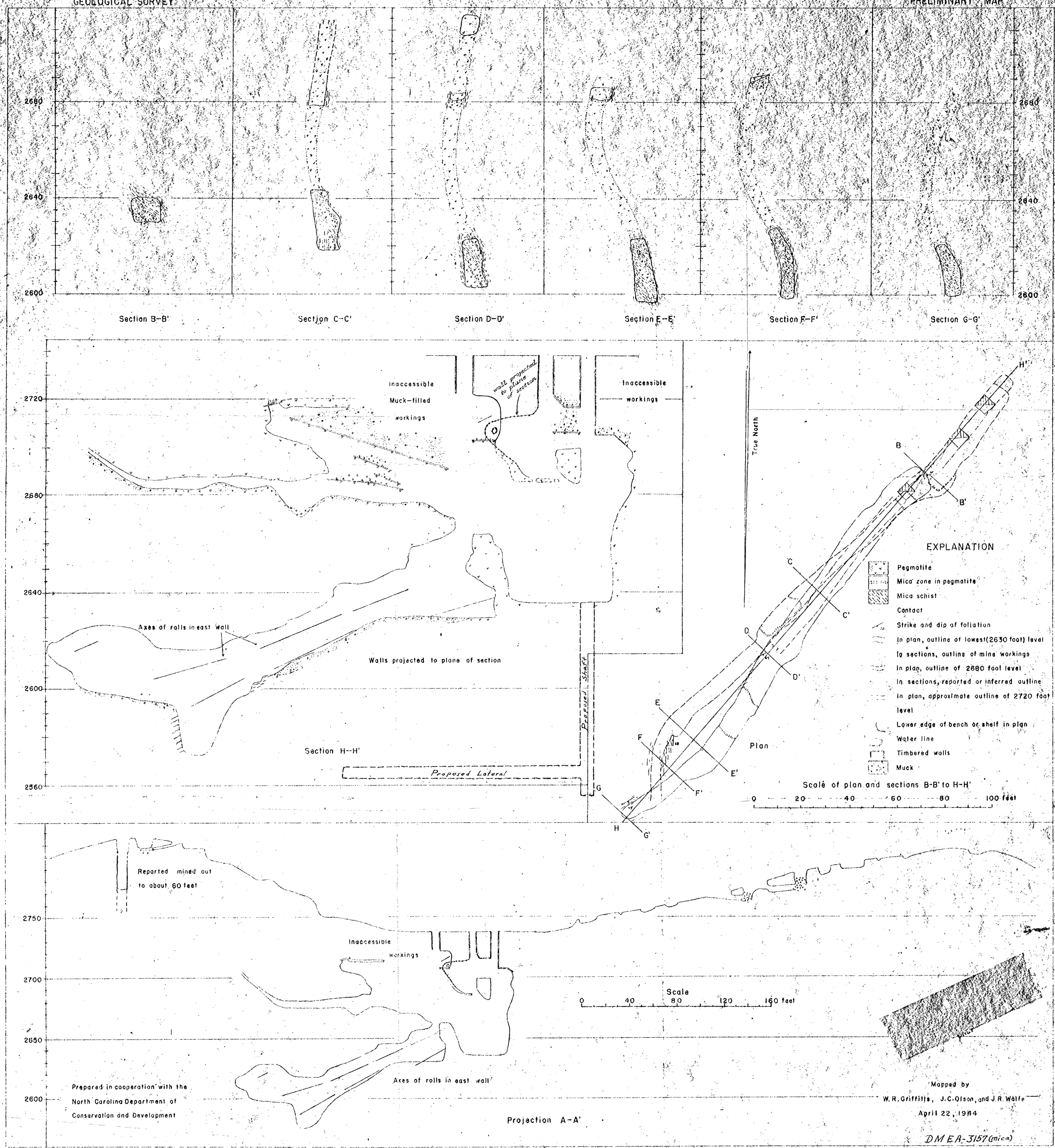
MINNEAPOLIS
FEB 24
3 PM
1954
MINN.

Operating Committee
Defense Minerals Exploration Admin.
Interior Building
Washington 25, D. C.

FIRST CLASS MAIL

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



Prepared in cooperation with the
North Carolina Department of
Conservation and Development

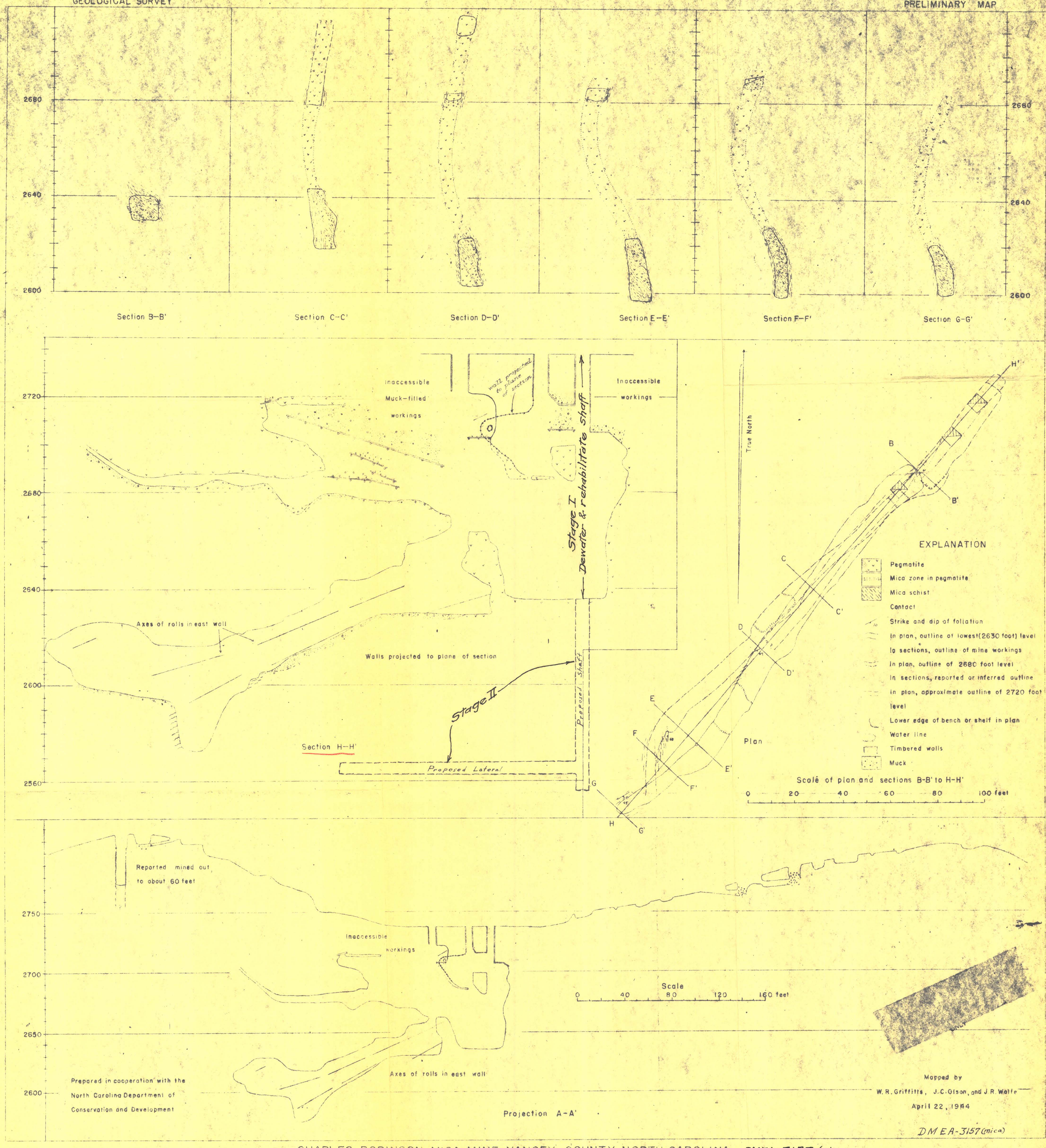
Mapped by
W. R. Griffitts, J. C. Olson, and J. R. Wolfe
April 22, 1944

DMEA-3157 (mica)

CHARLES ROBINSON MICA MINE, YANCEY COUNTY, NORTH CAROLINA

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP



Prepared in cooperation with the
North Carolina Department of
Conservation and Development

Mapped by
W. R. Griffitts, J. C. Olson, and J. R. Wolfe
April 22, 1944

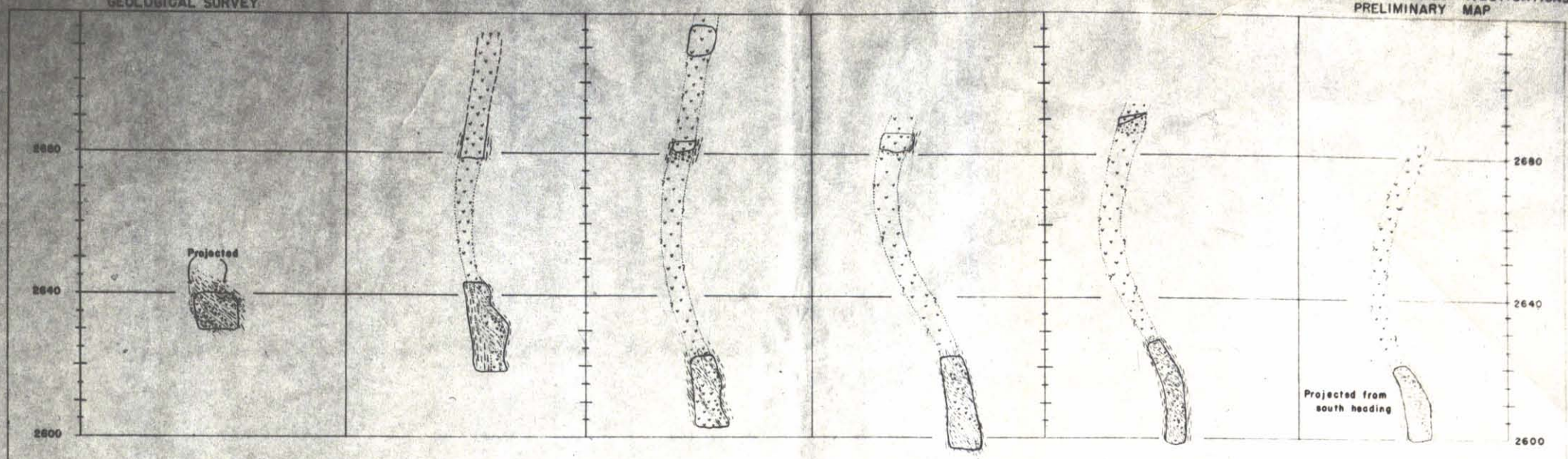
DMEA-3157 (mica)

CHARLES ROBINSON MICA MINE, YANCEY COUNTY, NORTH CAROLINA - DMEA-3157 (mica)

DMEA-3157

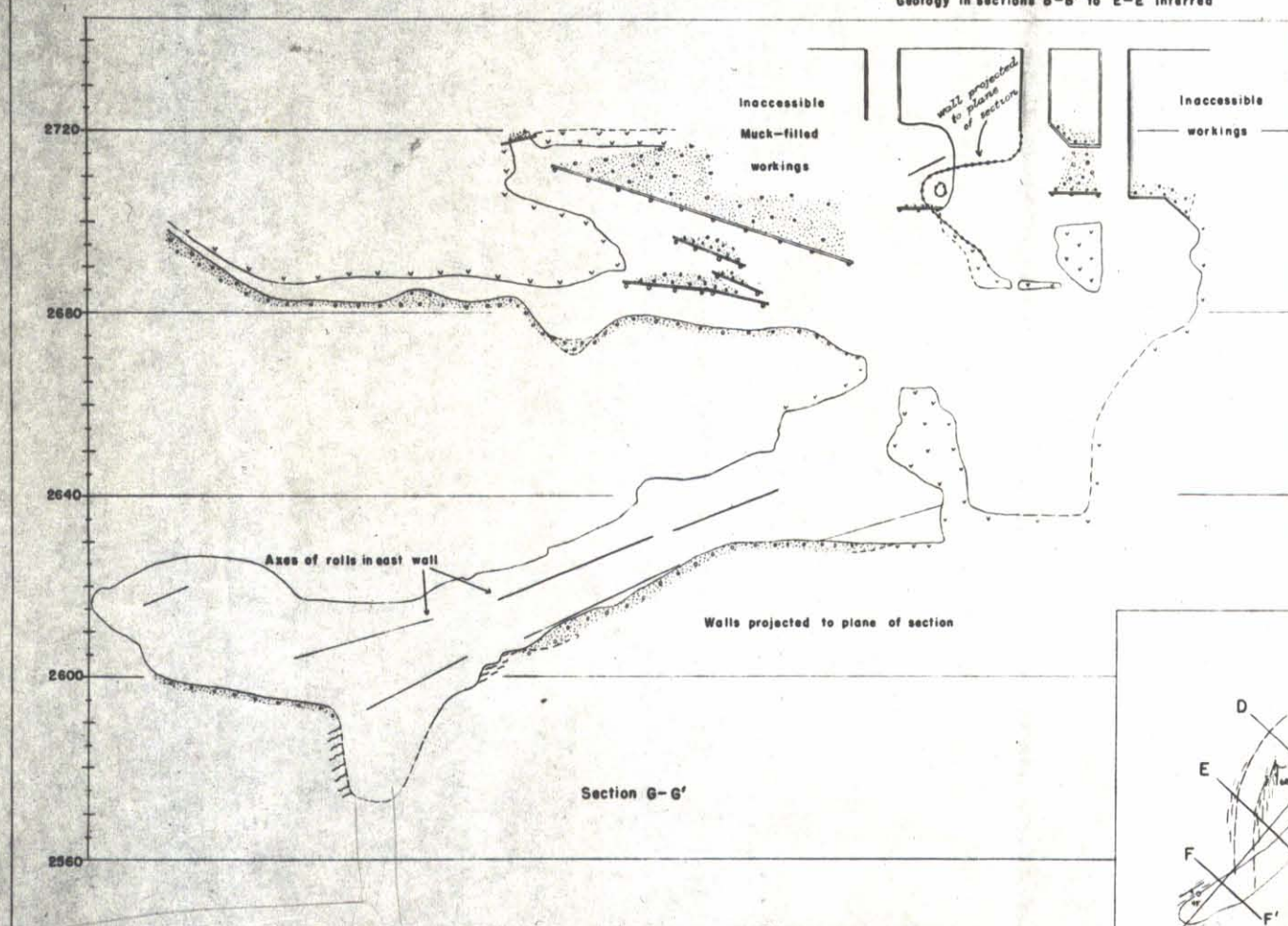
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP

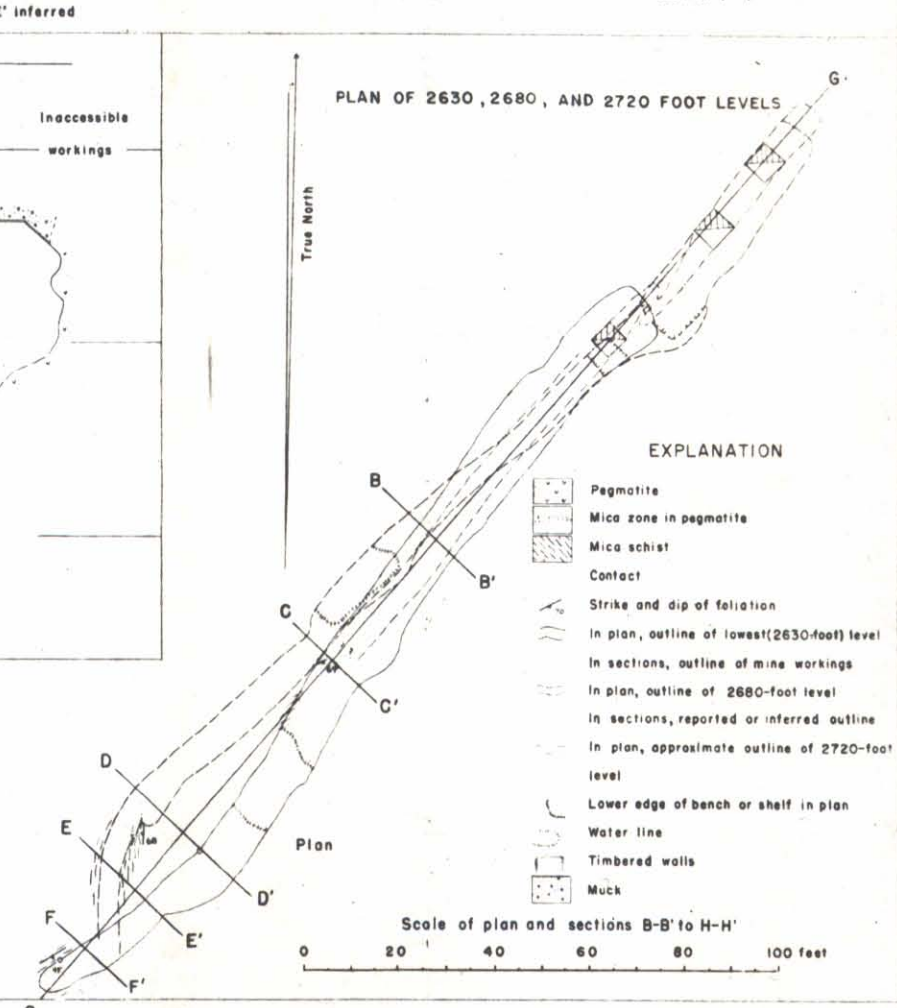


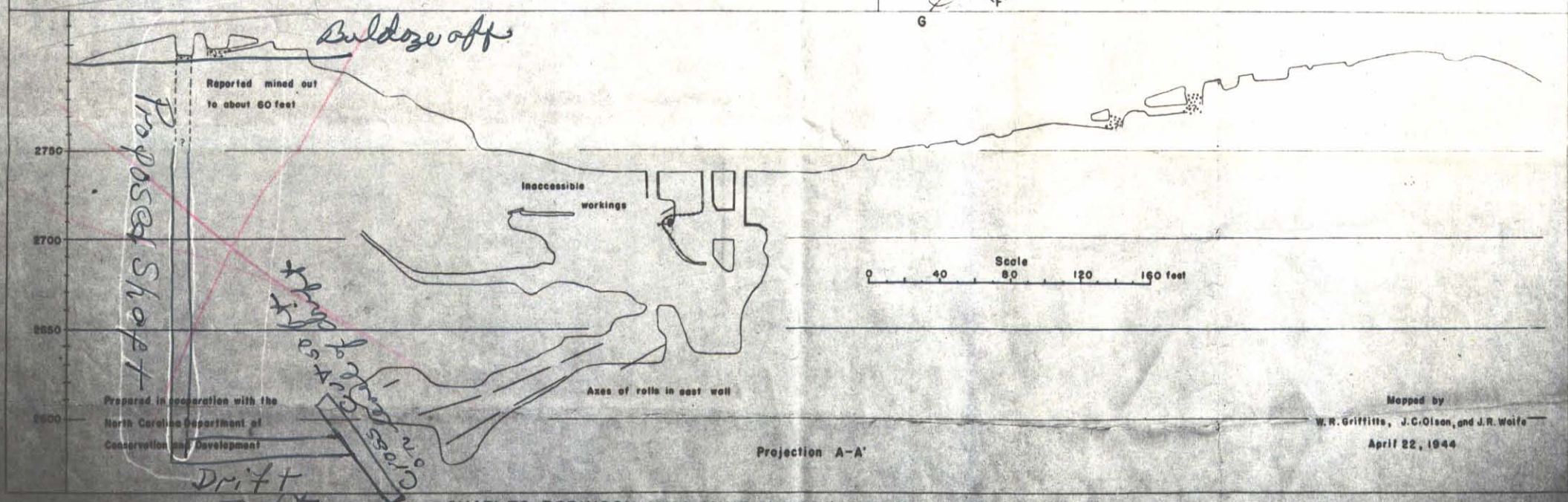
Sketch of North Heading 2630 foot Level — Section B-B' — Section C-C' — Section D-D' — Section E-E' — Section F-F'

Geology in sections B-B' to E-E' inferred



Section G-G'





Projection A-A'

Prepared in cooperation with the
North Carolina Department of
Conservation and Development

Mapped by
W. R. Griffitts, J. C. Olson, and J. R. Wolfe
April 22, 1944

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