DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Idm-E NO. 863

DMEA NO. 3856

Application
- [ ] Denied
- [ ] Withdrawn

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

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

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [x] Certification of Discovery 6-18-56
- [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 Comoleted analysis (final)

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

- [x] Field Team Semi-Annual Report for Certified Project
- [x] Final Field Team Report (Tab) - 5-8-56
- [x] Operator's Final Report (Tab) - 5-12-56
- [x] Interim Field Team Reports
- [x] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab) 6-30-55
- [x] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

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

Right Side

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

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

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

Docket Copy
Surname:

Hopkins
Houk
Ryan
Chambers
"Appv Bul. Off."
Talbert
Dietrich
Chehan
Kilgaard
Martin
Johnson

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

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

To: A. Ward

Franklin, North Carolina

Pursuant to the provisions of Exploration Project Contract No. Idm-2863, dated August 30, 1955, Docket No. DMEA-3856, 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 therefor and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made has resulted from the exploration work.

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

The project work consisting of shaft sinking, cross-cutting and drifting exposed a strategic mica concentration on the 110-foot level in a well-zoned pegmatite that is conformable to the enclosing biotite gneiss. The discovery furnished sufficient data to enable the calculation of indicated and inferred reserves of strategic mica.

THE UNITED STATES OF AMERICA

By [signature]
Administrator, Defense Minerals
Exploration Administrator

Dated JUN 1 8 1956

JHopkins:gad 6/7/56
Copy to: Admr. R. File
Docket
Mr. Johnson
Mr. Chambers
Field Team, Region V
Mr. Houk

Oper. Com
Mr. Clarence A. Fredell, EPS, GSA
Mr. Lake V. Shope (To Field Team for forwarding)
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Finance Office
Mr. Hopkins

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5/16	Alley	800
5-16	Chambers	800
5-16	Anderson	600
5/16	Houk	600
5/16	Selfridge	120
"	Johnson	110
"	Mittendorf	100
		220

MAY 16 1957

Mr. M. E. Burleson
Harris Mining Company
Spruce Pine, North Carolina

Re: Docket No. DMEA-3856 (Mica)
A. Ward
Harris Mine
Macon County, North Carolina
Contract No. Idm-E863

Dear Mr. Burleson:

Under the above-cited contract the Government allotted a total of $6,500.00 for exploration for mica and agreed to share 75 percent of the cost as approved and accepted by this Administration. The accepted costs were determined to be $6,500.00 and the Government's share at 75 percent participation to be $4,875.00.

As the exploration work resulted in a discovery, the Government was to receive a royalty percentage for a period of 10 years, or until the amount advanced by the Government was liquidated, whichever occurred first. The production from land under this contract enabled repayment of the Government's advance considerably before the expiration of the ten year repayment period provided for in the contract.

As a result of this repayment the Government retains no claim or lien against the property subject to the contract or any future production therefrom.

I wish to thank you for the payment of your account under the contract.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

AMAlley/ama
May 16, 1957

Copy to: Docket
Administrator
Mr. Johnson
Mr. Dietrich, Rm. 3061
Mr. Kiilsgaard, Rm. 5224
Mr. Houk
Mr. Chambers
F. T. Region V (2)
Mr. Lake V. Shope (To Field Team for forwarding)
Mr. Lee Buchanan (To Field Team for forwarding)
Mr. A. Ward, Franklin, N. C.
Admr. Reading File

8623

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

A. Ward

Franklin, North Carolina

pertaining to Exploration Project Contract No. 1dm-2863, Docket No. DMEA-3856, including Amendment No. 1, for the months of September 1955, to February 1956, inclusive, covering a project for the exploration of mica on property, known as the Harris Mine located in Macon County, North Carolina.

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

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

all of the costs incurred were under a contract provision for payment by the Government on the basis of fixed unit costs 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		$6,500.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$6,500.00

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Four thousand eight hundred seventy-five and no/100 Dollars

$4,875.00

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

E. D. Talbert, Auditor

May 22, 1956

Government's copy

RECEIVED
APR 25 1956

EXPLORATION PROJECT CONTRACT
A. WARD
DOCKET NO. DMEA-3856

AMENDMENT NO. 1

It is agreed this 9th day of April, 1956, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and A. Ward, that Exploration Project Contract No. Idm-E863 (Docket No. DMEA-3856) dated August 30, 1955, is amended effective August 30, 1955, as follows:

1. In Exhibit "A" under "Description of the Work," delete the first sentence in paragraph number 1 which reads as follows:

"Extend the 18-foot incline from the 75-foot vertical shaft (shown on Section A-A' of attached map) a distance of 60 feet on the pegmatite."

and substitute the following sentence in lieu thereof:

"Extend the 75-foot vertical shaft (shown on Section A-A' of attached map) 18 feet and from that point sink an incline a distance of 42 feet to cut the pegmatite."

2. In Exhibit "A" under "Fixed Unit Costs," delete Item 1 which reads as follows:

"1. Shaft (incline) sinking 60 feet @ $50.00/ft.	$3,000.00"

and substitute the following in lieu thereof:

"1. (a) Vertical shaft sinking 18 feet @ $50.00/ft.	$ 900.00
(b) Incline sinking 42 feet @ $50.00/ft.	2,100.00
Subtotal	$3,000.00"

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 contribute, nor the fixed unit cost of any item of work.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

A. Ward
A. WARD

By C. W. Mitteudorf
Administrator, Defense Minerals
Exploration Administration

RECEIVED

Government's Copy SEP 26 1955

MF-200A
(Revised June 1954)

Docket No. DMEA-3856

Commodity Mica

Contract No. Idm-E 863
863

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

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

It is agreed this AUG 30 1955 day of ....., 195...., between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] A. Ward, whose mailing address is Franklin, North Carolina, hereinafter called the "Operator," as follows:

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

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

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

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] lessee of [5] the mineral rights in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] lease, [7] ..... recorded in Book E-6, page 8, official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: none.

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

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

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

ARTICLE 3. *The exploration project.*—The project is a search for indicated or undeveloped deposits of mica. The work to be performed is described in Exhibit "A." The Operator on or before NOV 1 1955 shall commence the work, and on or before February 29, 1956 (unless the Operator's obligation to complete the work is terminated—see Article 8) shall complete the work.

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

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

ARTICLE 5. *Contribution by the Government.*—A fixed cost for each unit of work to be performed (per foot of drifting, per foot of drilling, per hour of operations, etc.) is hereby agreed upon, and is set forth in Exhibit "A" in connection with the estimated total cost of the project in the sum of $6,500.00 The Government will contribute 75 percent of the fixed unit costs as work is performed, in a total sum not in excess of $4,875.00: *Provided,* That until the Operator has rendered to the Government his final report, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of 10 percent of the estimated total cost of the work. The Government will make its contribution on the basis of the monthly vouchers referred to in Article 6(b), but all payments by the Government are provisional only, subject to audit, until the account between the Operator and the Government is finally audited and settled. To the extent that excesses over fixed unit costs or any excess over the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such excesses for his own account without contribution by the Government. The Government may make payments directly to independent contractors and suppliers for the account of the Operator rather than to the Operator.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 11. *Changes and added provisions.*—

Executed in sextuplicate the day and year first above written.

A. WARD
(Operator)

XXX A Ward

THE UNITED STATES OF AMERICA

By C O Mitteudorf
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—70618-1

EXPLORATION PROJECT CONTRACT
A. WARD
DOCKET NO. DMEA-3856

RECEIVED
SEP 26 1956

EXHIBIT "A"

Description of the Work

The location of the exploration work is shown in part on the map entitled "Sketch of Harris Mine, Macon Co., N. C. DMEA-3856 (mica) June 30, 1955," attached hereto and made a part hereof. The work consists of the following:

1. Extend the 18-foot incline from the 75-foot vertical shaft (shown on Section A-A' of attached map) a distance of 60 feet on the pegmatite. The incline shall have a separate manway and shall have minimum cross-sectional dimensions of 5 feet by 7 feet in the clear of the outside timbers.

2. From the incline, drive not more than 100 feet of drifts and/or crosscuts, having cross-sectional dimensions of 5 feet by 7 feet in the clear of timber. All drifts shall be on the pegmatite.

All work shall be timbered as necessary.

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

Fixed Unit Costs

1. Shaft (incline) sinking 60 feet @ $50.00/ft.	$3,000.00	
2. Drifting and/or crosscutting 100 feet @ $35.00/ft.	3,500.00	
Estimated Total Cost of Project		$6,500.00
Government Participation @ 75%		$4,875.00

RECEIVED
SEP 26 1955

EXPLORATION PROJECT CONTRACT
A. WARD
DOCKET NO. DMEA-3856

ANNEX I

The land referred to in Article 2 of the contract form is described as follows:

FIRST TRACT:

All the lands described in a deed from Kermit DeHart and wife, Margie Dehart, to Charles Grindstaff, said deed bearing date of 2 March 1946, and registered in the office of the Register of Deeds for Macon County, North Carolina in Book M-5 of Deeds, page 590.

SECOND TRACT:

All the land described in a deed from Ross Ella Hill and Claude L. Love, Administrators c.t.a. and Trustees of the Estate of B. C. Grindstaff, deceased and as Commissioners, to Henry W. Cabe, General Guardian of Charles S. Grindstaff, incompetent said deed bearing date of 21 March, 1944, and registered in the office of the Register of Deeds for Macon County, North Carolina in Book J-5 of Deeds, page 507.

MF-203
Revised March 24, 1955

RECEIVED
JUN 20 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E
Contract Date

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Macon, State of North Carolina, described as follows:1/

Attached See Exhibit "B" L.d.B.

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

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 March 21, 1944, and recorded in book J-5 page 506 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/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

_____

_____

_____

_____

_____

_____

_____

Dated this 10 day of June, 1955.

Robert Shape [Seal]

_____ [Seal]

_____ [Seal]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

L.W.D.

EXHIBIT "B"

Tract #1.

Beginning at a black gum on Hall's Mill Creek near the Raby mine, now known as Harris Mine, said black gum being on the East bank of said branch, which is East of the Harris Mica Mine aforesaid and runs northerly sixty steps to a maple (now dead and marked) and more particularly described as being North 5*East 10 poles and 20 links to a stake on the East side of the branch; thence westerly five hundred steps to a marked young chestnut and more particularly North 56*West 84 poles to a stake; thence South 5*West 10 poles and 20 links to a bunch of chestnuts a corner of Section #54; thence to the BEGINNING and more particularly South 56*East 84 poles to the place of beginning, containing five acres more or less.

SECOND TRACT:

BEGINNING at a black gum, which is the beginning corner of the above named tract and running thence westerly along the South line of the above described tract 675 feet to a stake or more particularly North 56*West 41 poles to a stake; thence southerly 250 feet to a stake or more particularly South 34* West 15 poles and 3 links to a stake; thence easterly 475 feet to a stake or more particularly South 56* East 28 poles and 6 links to a stake; thence to the beginning or more particularly North 73* East 20 poles more or less to the place of beginning, containing three (3) acres more or less.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 1-POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
JUN 20 1955

June 16, 1955

Memorandum

To: Operating Committee, DMEA - Washington
From: DMEA Field Team, Region V, Knoxville, Tennessee

Subject: Application from A. Ward, Franklin, N. C. (mica)
Harris Mine, Macon County, N. C.

Enclosed are three copies of an application received in this office, from A. Ward of Franklin, N. C., with a copy of the lease and five signed copies of the Owner's Consent to Lien.

Although it will probably be convenient to field-examine this application when the examiners are in Franklin on their regular inspections, we suggest that any action beyond that stage be withheld until a definite agreement is reached with Mr. Ward concerning completion or termination of the work at the Elmore mine under contract Idm-E737, Docket No. DMEA-3469.

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

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

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
JUN 20 1955

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. 3856
Metal or Mineral Mica
Date Received 6/20/55
Estimated Cost $4,100
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: A. Ward
Franklin, 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 in the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it relates 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.

RECEIVED
JUN 16 1955

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

See Exhibit B attached

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise
Lessee (Six copies of owners consent to lein attached)

(*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. copy of lease attached.

(*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. 3 miles from Town of Franklin on Good gravel road.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.
Manpower fair, materials & supplies good, electricity on property water on property, equipment can be obtained from radius of 130 mi.

16—66551-1

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 6-10, 195-

Award
(Applicant)

By .....

.....

.....

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

Exhibit "A"

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JUN 20 1955

4 - (a) The applicant has carried on operation at this mica mine for about 1 year. The workings consist of two shafts, one 50 feet deep and one 75 feet deep, the latter being at a North West end and of a higher elevation. Water of which is being taken from the 50 foot shaft, which dried both. These shafts are owned by applicant and are 5' x7', with an escape way which takes up 2' x 5'., each of which are timbered solid.

(b) About three tons of Book Mica have been removed from this above mentioned operation, which when sold to the U.S. Government was in the amount of $ 14,000.00. This mica was flat, large, hard clear, and dark rum.

(c) The rocks are of the typical mica bearing pegmatite, which has a large quartz core, with feldspar on each side. The Muscovite which has been removed thus far, was on the South side of Vein, however the North side has never been tapped.

5 - (b) The applicant proposed to extend the 75' shaft down to 115', and on or about this point drive 60' of drift and/or crosscuts.

(c) I have been mining for 35 years off and on, and carried on other operations under the specification of DMEA. I, also expect to personally supervise the operation.

6. Estimate of Cost:

40' shaft @ $ 50.00 per foot----------$ 2,000.00
60' Driving and/or Crosscut @ $ 35.00------- 2,100.00

Labor:	Foreman----------	12.00
	Driller----------	10.00
	Hoist Opr.-------	8.00
	Mucker----------	8.00
	$	38.00

$38.00 per day @ 60 days Labor------- 2280.00

Dyanmite----------	575.00
Exploders----------	300.00
Timber----------	200.00
Drill Steal----------	275.00
Power & Fuel----------	400.00
Misc Items----------	70.00
Total------ $	4100.00

Exhibit "B"

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JUN 20 1955

Description of a deed from Kermit DeHart and wife, Magie DeHart to Charles Grindstaff, said deed bearing date of 2 March 1946, and registered in the office of Register of Deeds for Macon County, North Carolina in Book M-5, of Deeds, page 590, more particular described as beginning at a black gum on the south side of Halls Mill Creek, an old corner common to George Jacobs, Kermit DeHart and C.S. Grindstaff and running thence S. 7 Deg. 30' W. 100 ft. with the Geo. Jacobs line to a post; thence N. 69 Deg. W. 24 poles to a post; thence N. 64 Deg. 30' W. 17½ poles to a pine; thence N. 56 W. 39½ poles to a stake and pointers on top of the mountain in Frank Cunninghams line; thence with his line N. 34 Deg. 45' E. 13½ poles to a white oak on top of the mountain, a corner of C.S. Grindstaff's land; thence with the C.S. Grindstaff South West line S.56E. 78½ poles to the point of a ridge, containing 5.6 acres more or less.

The second two tracks are as follows:

J-5 Page 506:
Beginning at a blok gum, which is the beginning corner of the abve named tract and running thence westerly along the South line of the above described tract 675 feet to a stake or more particularly. North 56* West 41 poles to a stake; thence; southerly 250 feet to a stake or more particularly South 34* West 15 poles and 3 links to a stake; thece easterly 475 feet to a stake or more particularly South 56* East 28 poles and 6 links to a stake; thence to the begenning or more particularly North 73* East 20 poles more or less to the place of beginning, containing three (3) acres more or less.

Tract 2

J-5 Page 507:

Beginning at a black gum on Hall's Mill Creek near the Raby mine, now Known as Harris Mine, said black gum being on the East bank of said branch, which is East of the Harris Mica Mine aforesaid and runs northerly sixty steps to a maple (now dead and marked and more particularly described as being North 5* East 10 poles and 20 links to a stake on the East side of the branch; thence Westerly five hundred steps to a marked young chestnut and more particularly North 56* W. 14 poles to a stake; thence S. sixty steps to an old chestnut corner in Section# 54 and more particularly South South 5* West 10 poles and 20 links to a bunch of chestnuts a corner of Section #54; thence to the Beginning and more particularly South 56* East 84 poles to the place of beginning, containing five (acres more or less.

Tract 1

NORTH CAROLINA
MACON COUNTY

RECEIVED
JUN 30 1955

THIS LEASE AGREEMENT, Made and entered into this 31st day of December, 1953 by and between Lake V. Shope, the duly appointed, qualified and acting guardian of Charles S. Grindstaff of Macon County, North Carolina, hereinafter designated as lessor, and A. Ward of said county and state, hereinafter designated as lessee, party of the second part,

W I T N E S S E T H:

That the said lessor, being licensed by a proper proceeding and descree of the Superior Court, does hereby lease unto lessee, his heirs and assigns, the mica and mica mining privileges upon the following described tract of land in Franklin Township, Macon County, North Carolina:

FIRST TRACT:

All the lands described in a deed from Kermit DeHart and wife, Margie DeHart to Charles Grindstaff, said deed bearing date of 2 March, 1946, and registered in the office of the Register of Deeds for Macon County, North Carolina in Book M-5 of Deeds, page 590.

SECOND TRACT:

All the land described in a deed from Ross Ella Hill and Claude L. Love, Administrators c.t.a. and Trusteees of the Estate of B.C. Grindstaff, desceased and as Commissioners, to Henry W. Cabe, General Guardian of Charles S. Grindstaff, incompetent said deed bearing date of 21 March, 1944, and registered in the office of the Register of Deeds for Macon County, North Carolina in Book J-5 of Deeds, page 507.

This lease is made upon and subject to the following terms and conditions:

1. Lessee agrees to pay lessor a royalty of twelve and one half per cent (12½%) of the gross selling price of all mica recovered from said land, and all royalty payments shall be due and payable within ten days from the date of sale.

2. Lessee agrees to keep a record of all sales which shall be open for inspection of lessor at all times.

3. The duration of this lease shall be three years from the date hereof, but it is understood and agreed that if mining operations upon said property shall prove profitable, that lessee shall have the right to renew this lease for an additional three years at the end of said time.

4. As a part of this lease, lessor given to lessee the necessary rights of way to build such roads and/ or trails upon said property which may be necessary for the installation of machinery or the proper operation of mines thereon.

5. Lessee on his part agrees that within 90 days from the date hereof he will put gravel upon the road leading through the property above described from the State road to the mines, and that he will during the existence of this lease keep said road and the bridge in passable condition. Lessee further agrees that he will so conduct his mining operations as not to damage or impair the value of any of the buildings situated

upon the above described property.

6. It is understood and agreed between the parties hereto that lessee will begin mining operations within sixty days from the date hereof, and continue such operations for as long as the same may be profitable. If at any time lessee shall discontinue operations for as long as sixty consecutive days, the lessor, at his option, may declare this lease to be terminated and of no further force and effect.

IN TESTIMONY WHEREOF, the said Lake V. Shope, guardian of Charles S. Grindstaff, lessor, and A. Ward, lessee, have hereunto set their hands and affixed their seals the day and year first above written.

Lake V. Shope (SEAL)

A. Ward (SEAL)

NORTH CAROLINA

MACON COUNTY

I, Kate McGee, Clerk of Superior Court, do hereby certify that pesonally appeared before me this day Lake V. Shope, Guardian of Charles Smith Grindstaff, incompetent, lessor and A. Ward, lessee, who acknowledged the due execution of the foregoing instrument for the purposes therein expressed. Let the same with this certificate be registered, this 4th day of January, 1954.

Kate McGee
Clerk Superior Court

Filed for registration on the 4 day of January 1954, 9:25 o'clock A.M., and registered and verified in the office of the Register of Deeds for Macon County in Book No. E-6, Page 8. This 4 day of January, 1954.

Lake V. Shope
Register of Deeds for
Macon County, North Carolina.

NORTH CAROLINA
MACON COUNTY

I, LAKE V. SHOPE, Register of Deeds of the aforesaid County and State, do hereby certify that the foregoing is a true and correct copy of the record as recorded in Deed Book E-6, Page 8, in the Office of the Register of Deeds for Macon County, North Carolina.

WITNESS, my hand and official seal, this the 4 day of September, 1954.

Lake V. Shope (SEAL)
Register of Deeds

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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

Project Summary Report

By: James Hopkins JH June 7, 1956

1. Docket No. DMEA-3856 - Mica
Harris Mine
Macon County, North Carolina

Application: Dated June 10, 1955
Operator: A. Ward
Franklin, North Carolina
Operator's property rights: Lessee of the mining rights of 3 tracts of land owned by Charles S. Grindstaff whose acting guardian is Lake V. Shope

2. Contract: Dated August 30, 1955

Work authorized:

1. Incline shaft sinking 60 ft. @ $50.00	$3,000.00
2. Drifting and/or crosscutting 100 ft. @ $35.00	3,500.00
Estimated Total Cost	$6,500.00

Amendments: No. 1, dated April 9, 1956, authorizes 18 feet of vertical shaft and 42 feet of incline in lieu of 60 feet of incline at no additional cost.

Work completed:

1. Vertical shaft sinking 18 ft. @ $50.00	$900.00
2. Incline shaft sinking 42 ft. @ $50.00	2,100.00
3. Crosscutting 19 ft. @ $35.00	665.00
4. Drifting 81 ft. @ $35.00	2,835.00
Total Cost of Project	$6,500.00

Work under the contract began September 12, 1955.
Work was completed February 20, 1956.
About 15,000 pounds of "mine-run" block ruby muscovite was recovered during the 100 feet of lateral work under the contract.

Value of production: Estimated	$18,235.40
Royalty paid to date (as of 5/16/56)	$911.77

3. Audit: Report of Review, dated May 22, 1956.

Total cost as billed by Operator	$6,500.00
Exceptions	none
Total Accepted Cost	$6,500.00
Government participation @ 75%	$4,875.00

4. Certification of discovery issued June 1956.

Ore Reserves: (See Map)

Indicated reserves were calculated for a distance of 30 feet along the strike at each end of the drift. A distance of 20 feet down-dip and 20 feet up-dip was indicated along strike length of 140 feet. (Drift is 80' long)

Inferred reserves are estimated the same down-dip and up-dip and 60 feet along the strike (30' at each end).

Indicated Reserves:

140'x40'x8'	= 44,800	cu.ft. pegmatite
60'x10'x8'	= 4,800	" " "
Total	= 49,600	" " @ 2.14 Lbs./cu.ft. = 107,000 Lbs. mine-run mica.

107,000 Lbs. @ 5% = 5,350 Lbs. Sheet Mica @ $14.00/Lb. = $74,900.00

Average recovery during project was 2.14 Lbs. per cu.ft. of pegmatite

Inferred Reserves: (Mica)

140'x40'x8'	= 44,800	cu.ft.
120'x50'x8'	= 48,000	"
Total	92,800	" @ 2.14 Lbs./cu.ft. = 198,592 Lbs. mine-run

198,592 Lbs. @ 5% = 9,930 Lbs. sheet @ $14.00 = $139,000.00

Total Reserves: (Mica)

305,592 Lbs. Mine-Run @ 5% = 15,280 Lbs. Sheet

15,280 Lbs. Sheet mica @ $14.00 = $214,000.00

Comments:

The Operator and supervisors cooperated fully with the field examiners and conducted an efficient project.

There was no particularly difficult engineering work to perform.

Geological premise upon which work was based:

This project was designed to explore down-dip on a pegmatite that had yielded considerable strategic mica in its upper workings - from the surface to 75 feet in depth. The strength and characteristics of the worked out portion of the pegmatite strongly indicated that it would continue in depth and would yield additional quantities of strategic mica. This premise was found to be true.

Geological criteria developed during the project:

A well-zoned, mica-bearing conformable pegmatite, 4' to 10' thick (ave. 8') is enclosed in a hard, unweathered biotite gneiss.

The pegmatite is made up of a 2 to 3 feet zone of coarse crystalline albite-oligoclase which contains a 4" to 6" quartz-muscovite zone of burr rock next to each contact.

Large, unoriented crystals of ruby muscovite occur in the feldspar zone next to the quartz core on both the hanging wall and the footwall sides.

The strength of the pegmatite on the 110-foot level strongly suggests that it is continuous down dip at least 20 feet or more, and on its lateral extensions for perhaps 30 to 60 feet.

Future Possibilities:

Since a significant discovery has been made, no further work is warranted until the present reserves are exhausted.

Recommendations:

The Field Team recommends that a certification of discovery be issued. The Nonmetallic Minerals Division concurs in the recommendation. The Geological Survey and the Bureau of Mines also concur in the recommendation.

James Hopkins
Nonmetallic Minerals Division

OFFICIAL FILE COPY
O. M. E
RECEIVED JAN 25 1960

DATE	INITIAL	[illegible]
1-25	[illegible]	[illegible]
N	[illegible]	[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 11 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

January 22, 1960

Memorandum

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

From: OME Field Team, Region V - 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 DMEA projects have been compiled, and are presented in table which accompanies this memorandum.

We would suggest addition of three more projects to the list, as they made significant contributions to totals purchased by GSA. They are:

DMEA No.	Mine	Trimmed Mica Pounds	Trimmed Mica Value	[illegible]	[illegible]
[illegible]	Cattail	9820.26	$149,957.57	----	---
[illegible]	Self	1814.10	36,195.34	65,493.00	*
[illegible]	Allman Cove	3764.52	65,526.99	—	—
[illegible]	[illegible]	3689.30	68,589.12	—	—

* Value included with trimmed mica; not available separately

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

[illegible] Lynch, Member
[illegible] Bureau of Mines

MICA PRODUCTION [illegible] PROJECTS

DMEA No.	Mine Name	Trimmed Mica Pounds	Trimmed Mica Value	Hand Cobbed Pounds	Hand Cobbed Value	REMARKS
1388	Hu[illegible]	1365	$20,3[illegible]	[illegible],869	$122,724	Not operating
[illegible]565	Chalk Hill	18,622	$437,004	---	---	Not a certified project. No hand cobbed mica sales reported.
2379	Sinkhole	73,8[illegible]	$1,144,881	15,266	---	Mine still operating
2466	Elk	8,132	$1[illegible],628	14,461	$19,694	Not operating.
[illegible]687	Iotla Bowers	20,595	$207,101	---	---	No hand cobbed sales reporte[illegible]
[illegible]914	Rev. Thaddeus Persons	2,257	$ 37,947	2,000	---	Value of hand cobbed m ica included in trimmed mica.
[illegible]26	Eagle Cope	4,691	$ 62,961	14,930	$1,118	Not operating
[illegible]157	Chas. Robinson	11,506	$138,087	180,932	$152,946	Not operating
2422	R. B. Phillips	48,868	$841,104	145,169	---	Value of hand cobbed included in with trimmed.
[illegible]25	Geo. Howell	14,750	$240,667	56,214	$176,772	Not operating
[illegible]74	Dycus	5,018	$ 67,678	96,114	$ 25,055	Not operating
3856	Harris	15,039	$192,878	8,240	1,475	Not operating
4534	Taylor	9,281	$116,254	158,717	---	Still operating. Value of hand cobbed included with trimmed.
4901	Banner	38,540	$624,73[illegible]	---	---	Still operating. Only trimmed mica sold.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.

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O. M. E.
RECEIVED MAY 20 1959

DATE	INITIALS	CODE
5/20	G	220
5/21	Hunt	600

May 18, 1959

Mr. H. C. Meadows
136 Green Street
Franklin, North Carolina

Re: DMEA-3856 (mica)
A. Ward, Franklin, N.C.
Harris Mine, Macon County, N.C.
Contract Idm-E863

Dear Mr. Meadows:

We are not authorized to release any data resulting from individual exploration projects under DMEA or its successor, OME. Therefore, I have no map or other information which can be sent in response to your request of May 11.

However, the Operator under a DMEA contract may release any data of his own, if he so desires. In the case of our Harris mine contract, the Operator was the late A. Ward of Franklin, N.C. It is my understanding that Messrs. M. E. Burleson and Lee Buchanan acquired the rights to this mine from Mr. Ward.

No royalty is due the Government from the captioned DMEA project, as the entire Government contribution was repaid from royalties on production.

Sincerely yours,

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

RAL/sm
cc
Opr. Com-2
Lynch
Files

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DMEA
RECEIVED 10 1958

DMEA EXPLORATION PROJECT

SEMI-ANNUAL REPORT ON CERTIFIED PROJECT

DMEA-3856, Idm-E613, HARRIS MINE
MACON COUNTY, N. C. (Mica)

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

Operator: A. Ward. Last owned by M. E. Burleson & Lee Buchanan d/b/a Harris Mining Co., Spruce Pine, N.C.

Final payment on the Government's participation of $4,875.00 was made May 4, 1957.

The mine was visited June 25, 1958. The mine had been shut down and all equipment removed. Later upon talking to Lee Buchanan it was learned that they ceased operations about the first of May 1958.

Original estimate of DMEA Reserves (from Field Team Final Report).

Indicated: 107,000 lbs. "mine-run" block mica.
Inferred : 198,592 " " " " " .

	Type	Pounds	Amount
Production DMEA Ore (this period)	Sheet	2,679.68	$38,303.11
	Punch	16,947.00	808.63
	Scrap	19,460.00	327.20
	Total	39,086.68	$39,438.94
Production DMEA Ore (Previous)	Sheet	12,359.78	154,575.49
	Hand cobbed	8,240.00	1,474.94
	Punch	12,873.50	1,343.93
	Scrap	117,630.00	1,763.55
	Total.....	151,103.28	$159,157.91
Production DMEA ore (todate)	Sheet	15,039.46	192,878.60
	Hand cobbed	8,240.00	1,474.94
	Punch	29,820.50	2,152.56
	Scrap	137,090.00	2,090.75
	Total.....	190,189.96	198,596.85

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

July 8, 1958

DMEA EXPLORATION PROJECT

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

DMEA-3856, Idm-E613(mica) HARRIS MINE

Reporting Period: 1-1-57 to -1-58. Examined: January 24, 1958.

Operator: A Ward. Now owned by M E. Burleson & Lee Buchanan, d/b/a Harris Mining Co., Spruce Pine, N. C.

Final payment of the Government's participation of $4,875.00 was made May 4, 1957.

The mine was visited January 24. They were in the process of recovering mica that had been left behind before shutting down the mine. Recovery of mica has been poor of late, therefore it is planned to cease operations.

Original Estimate of DMEA Reserves(Final Engr & Geol. Report)
Indicated: 107,000 lbs "mine-run" block mica
Inferred : 198,592 lbs " " " "
15 tons @ 600 = $9,000 ±

Production DMEA Ore this Period:	Type	Pounds	Amount
	Sheet	2,819.93	$34,438.56
	Punch	634.00	17.02
	Scrap	26,245.00	392.77
		29,698.93	$34,848.35
Production DMEA Ore (Previous	Sheet	9,539.85	120,136.93
	Hand cobbed	8,240.00	1,474.94
	Punch	12,239.50	1,326.91
	Scrap	91,385.00	1,370.78
	Total...	121,404.35	$124,309.56
Production Ore (todate)	Sheet	12,359.78	154,575.49
	Hand cobbed	8,240.00	1,474.94
	Punch	12,873.50	1,343.93
	Scrap	117,630.00	1,763.55
	Total.....	151,103.28	$159,157.91

1958

2/11 C 220
12 Cow 100
4 Fed 110
2/7/58 2/24 CEB 800
600

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

exceeded orig estimates including inferred -

z

DMEA EXPLORATION PROJECT

Semi-Annual Report of Certified Project

Reporting Period: 1-1-57 to 7-1-57. Examined: 8-16-57 and 8-21-57

Operator: A. Ward. Now owned by M.E. Burleson and Lee Buchanan d/b/a Harris Mining Co., Spruce Pine, North Carolina

Mine Name: Harris. County: Macon State: North Carolina

Docket No. DMEA-3856, Contract No. Idm-E863. Commodity: Mica

Date of Contract: August 30, 1955. Certification Date: June 18,1956

Expiration Date of Royalty Payments: August 30, 1965.

Contract Total: $6,500. Total Expenditures: $6,500.

Government Participation at 75%---$4,875.00

Royalty Payments this Period: $1,088.03. Previous Payments: $3,786.97

Total Royalty todate: $4,875.00. Percent repaid: 100 percent.

Royalty Due: None

Royalty Remarks: Final Payment made May 4, 1957.

Original estimate of DMEA Reserves (from Field Team final report)

Indicated:----107,000 lbs "mine-run" block mica

Inferred:----198,592 lbs " " " " "

Production DMEA Ore (this period)

Type	Pounds	Amount
Sheet	3,973.88	$47,759.66
Punch	3,887.50	436.72
Scrap	34,895.00	523.43
Total..	42,756. 38	$48,719.81

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 3 1957

DATE	INITIALS	CODE
10/3	B	220
3	Com	100

Production DMEA Ore(Previous)	Type	Pounds	Amount
	Sheet	5,565.97	$72,377.27
	Hand cobbed	8,240.00	1,474.94
	Punch	8,352.00	890.19
	Scrap	56,490.00	847.35
	Total	78,647.97	$75,589.75

Production DMEA Ore(todate):	Type	Pounds	Amount
	Sheet	9,539.85	$120,136.93
	Hand cobbed	8,240.00	1,474.94
	Punch	12,239.50	1,326.91
	Scrap	91,385.00	1,370.78
	Total	121,404.35	124,309.56

Remarks: The writer called on Mr. M. E. Burleson at his office in Spruce Pine on August 16, 1957 and obtained the production figures for sales during this reporting period. He said they were not getting as much for their mica as they had previously, because the buyers at the depot seemed to be tightening up on adhereing to the specifications.

The mine was visited August 21. The new shaft had been sunk a little over 200 feet. Some drifting had been done at the bottom but the pegmatite was poor in mica so they started a drift about 25 feet from the bottom and are producing considerable mica. The writer was shown an 85 pound block of mica that had been produced the day before.

Wm. A. Beck, Mining Engineer
Bureau of Mines

z

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. 14-23-070-102

For credit of 1428 Br. Tray Regional Office, Oak Ridge, Tenn. 5/10/57
(Name, title, and disbursing officer identification symbol of accountable officer) (Date sent)

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

$ 293.63

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-E863 Harris Mining Company (Royalty Payment)	293.63

(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

OFFICIAL FILE COPY
D M E A
RECEIVED MAR 1957
DATE | INITIALS | CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1055 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

May 9, 1957

Memorandum

To: Finance Officer, Region V - (DMEA)

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Final Royalty Payment - Idm-E863, DMEA-3856-Mica
Harris Mining Co. Harris Mine, Macon County,
North Carolina

Transmitted is check No.1798, in the amount of $293.63 for the balance due the Government on the subject contract.

Mr. Burleson has been requested to send the settlement sheets for the mica sold.

Robert A. Laurence

ZM.
cc
Lynch
Mittendorf
Files

OFFICIAL FILE COPY
D M E A
RECEIVED MAY 13 1957

DATE	INITIALS	CODE
5/14	JWG	22a
5/14	WRA	600

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

May 9, 1957

Mr. M. E. Burleson

Spruce Pine, North Carolina

Re: DMEA-3856, Idm-E863-Mica
Harris Mining Company
Harris Mine, Macon County, N.C.

Dear Mr. Burleson:

Your check in the amount of $293.63 has been received. According to our records this pays your obligation to the Government in full.

You will receive a letter from the Washington office in the very near future. There are no further papers to sign.

Probably it was an oversight, but the bills-of-sale were not attached to your check. We would appreciate your sending the settlement sheets you received from the Mica Purchasing Depot as you have always done heretofore.

We wish to congratulate you for a successful exploration and also to thank you for the repayment of your account under the contract. If we can be of service to you in the future we will be pleased to do so.

Very truly yours,

Robert A. Laurence
Executive Officer, DMEA
Region V

ZM.
cc
Finance Office
Mittendorf
Lynch
Files

HARRIS MINING COMPANY

P. O. BOX 126

SPRUCE PINE, N. C.

May 10,1957

REPORT TO:

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF MINES

FOR: MICA SOLD FROM HARRIS MINE FOR MONTH OF APRIL 1957

BALANCE DUE ON LOAN FROM APRIL SALES	$293.63
Final Payment paid by Check No. 1798	293.63
	000.00

Please advise if there is any release or further papers to sign.

Harris Mining Co.

By M. E. Burleson

M. E. Burleson

RECEIVED
MAY 9 - 1957

For Certificate of Deposit No. 93, dated April 18, 1957, giving royalty payment of $338.66, see E-245.

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

RECEIVED
APR 19 1957
D.M.E.A.

April 17, 1957

Memorandum

To: Finance Officer, Region V, DMEA

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

Subject: DMEA-3856, Idm-E863 (Mica), Harris Mining Company Harris Mine, Macon County, North Carolina, Royalty Payment.

Transmitted are bills-of-sale from the subject certified contract in the amount of $6773.26, and their check for 5 percent royalty on the sale in the amount of $338.66.

Robert A. Laurence

as
cc
Mittendorf
Lynch
Files

6773.26 5%
338.66

HARRIS MINING COMPANY

P. O. BOX 126

SPRUCE PINE, N. C.

March 15,1957

RECEIVED APR 18 1957 D.M.E.A.

REPORT TO::

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF MINES

FOR; MICA SOLD FROM HARRIS MONE FOR MONTH OF MARCH 1957

TOTAL SALES FOR MARCH 1957	$6773.26
5% Of Total Sales On Repayment Of Loan	$338.66
Paid by check #1738	338.66

Regret we were unable to get this off on the 10th but income tax and having to be away prevented until now.

Harris Mining Co.
By M. E. Burleson
M. E. Burleson

RECEIVED
APR 17 1957
Knoxville, Tenn.

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT

MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE PURCHASED: 2-4-57

ACCEPTANCE NO.: AB4-1218 (a)

CERTIFICATE AUTHORIZATION NO.: [redacted]-4-1A17 A

LOT NO.: SP AB-1218 (a)

VOUCHER NO.:

	TOTAL WGT (LBS)	LBS. - G. S.	LBS. - STAINED	LBS. - HVY. STAINED	TOTAL VALUE
PROCESSED FOR PAYMENT	511.66	104.89	159.21	247.56	3687.43
PROCESSED - NO PAYMENT					
THINS	2.57				
BLACK - DOTS / SPOTS / STAIN					
UNDERSIZED					
PROCESS - [redacted] / GAIN / LOSS	.46				
TOTAL LBS. PURCHASED	514.99				

FOR USE OF CERTIFYING OFFICER

LESS: INITIAL PAYMENT - VOUCHER NO. SCH. NO. [redacted].56

BALANCE DUE GOVERNMENT [ ] SELLER [X] [redacted].87

SELLER'S NAME AND ADDRESS

[redacted] Mining Co.
[redacted] 186
[redacted] Pine, N. C.

NAME OF MINE AND LOCATION

[redacted]-Mason County, N. C.

APPROVED 3-7-57

DEPOT SUPERINTENDENT DATE

Form R4-T36, May 1956

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT

MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE PURCHASED: 2-21-57

ACCEPTANCE NO.: [illegible]-1297 (a)

CERTIFICATE AUTHORIZATION NO.: [illegible]-1417 [illegible]

LOT NO.: [illegible]-1297 (a) SP

VOUCHER NO.:

	TOTAL WGT (LBS)	LBS. - G. S.	LBS. - STAINED	LBS.-HVY. STAINED	TOTAL VALUE
PROCESSED FOR PAYMENT	[illegible].68	93.9[illegible]	145.50	190.22	5300.[illegible]
PROCESSED - NO PAYMENT	[illegible].73				
THINS					
BLACK - DOTS / SPOTS / STAIN					
UNDERSIZED					
PROCESS - GAIN / LOSS	.19[illegible]				
TOTAL LBS. PURCHASED	[illegible]				

FOR USE OF CERTIFYING OFFICER

LESS: INITIAL PAYMENT - VOUCHER NO. SCH. NO. 4110.74

BALANCE DUE GOVERNMENT [ ] SELLER [X] 1189.67

SELLER'S NAME AND ADDRESS

[illegible] Mining Co.
[illegible]
[illegible] Inc, N. C.

NAME OF MINE AND LOCATION

Harris-Mason County, N. C.

APPROVED 3-15-57

DEPOT SUPERINTENDENT DATE

Form R4-T36, May 1956

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED 3-12-57 ACCEPTANCE NO. [redacted]
CERTIFICATE AUTHORIZATION NO. [redacted] A	LOT NO. SP [redacted]	VOUCHER NO.
RUBY [X] NON-RUBY [ ]	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT (	[redacted]	[redacted]

This lot of mica, weight above indicated, is accepted for the Government subject to all pertinent regulations and laws governing the domestic mica procurement program.

GENERAL SERVICES ADMINISTRATION

BY

[redacted]

SIGNATURE

BUYER

FOR USE BY GSA ONLY

The undersigned warrants that this lot of mica, weight above indicated, meets the requirements of all applicable regulations and laws governing the mica program. Further the undersigned hereby sells this lot of mica to the Government subject to all laws and regulations governing the purchase of mica by the Government and agrees to accept the processing results as valid and correct and to refund unconditionally any overpayment with the understanding that any underpayment will be made by the Government upon completion of the processing of this mica. This invoice is correct and just and payment therefor has not been received.

NAME AND LOCATION OF MINE

[redacted] County, N. C.

SELLER

[redacted] Mining Co.

DATE

3-12-57

ADDRESS

[redacted], Spruce Pine, N. C.

BY

[illegible]

TITLE

[redacted]

Form R4-T35. May 1956

RECEIVED
APR 19 1957
D.M.E.A.

E-863

For Certificate of Deposit No. 83, dated March 18, 1957, giving royalty payment of $455.74, see E-392.

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

March 14, 1957

RECEIVED MAR 15 1957 D.M.E.A.

Memorandum

To: Finance Officer, Region V - (DMEA)

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

Subject: DMEA-3856, Idm-E863-Mica. Harris Mining Co.
Harris Mine, Macon County, N.C. Royalty Payment.

Transmitted are bills-of-sale from the subject certified contract in the amount of $9114.77, and their check for 5% royalty on the sale in the amount of $455.74.

Robert A. Laurence

ZM.
cc
Mittendorf
Lynch
Files

Millendorf

HARRIS MINING COMPANY

P. O. BOX 126

SPRUCE PINE, N. C.

Mar. 9,1957

RECEIVED MAR 15 1957 D.M.E.A.

REPORT TO:

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF MINES

FOR: MICA SOLD FROM HARRIS MINE FOR MONTH OF FEBRUARY 1957

TOTAL SALES FOR FEBRUARY 1957	$9114.77
5% Of Total Sales On Repayment Of Loan	$455.74
Paid by check #1654	455.74

Harris Mining Co.,
By M. E. Burleson
M. E. Burleson

RECEIVED
MAR 14 1957
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

DMEA-3856
IdM-863

Harris mine

5.00
13.60
6.60
3.65
67.73
3.85
4.50
8.00
10.00
3.29
8.60
15.65
8.35
12.65

Scrap — 171.47

GSA { 4,832.56
4,110.74

Total 9,114.77

Royalty $455.74

For Certificate of Deposit No. 76, dated February 18, 1957, giving royalty payment of $102.90, see E-321.

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

February 15, 1957

RECEIVED FEB 18 1957 D.M.E.A.

Memorandum

To: Finance Officer, Region V (DMEA)

From: Acting Executive Officer, DMEA - Region V

Subject: Royalty Payment on Certified Project -Idm-E863, DMEA-3856, Harris Mining Co. Harris Mine.

Transmitted are bills-of-sale in the amount of $2058.02 for mica sold from the subject project, and a check No.1565 in the amount of $102.90 royalty on the sales.

V. J. Lynch, Acting
Executive Officer, DMEA
Region V

x

Finance
Lynch
Mittendorf

Files

copy

RECEIVED FEB 18 1957 D.M.E.A.

GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT

Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 12-21-56

Acceptance No. 1018(a)

Certificate Authorization No. LOT No. SP- 1018(a)

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	423.37	122.13	138.68	162.56	6420.25
No Processed Pay't					
THINS	2.03				
BLACK Dots Spots Stains					
Undersized					
Process-Gain ~~Loss~~	10				
Total Lbs Purchased	425.50				

Less: Initial Payment - Voucher No. Sch. No. 5040.60

Balance Due: Government: Seller: X 1379.65

Seller's Name
Address: Harris Mining Co.
Box 126
Spruce Pine, N.C.

NAME OF MINE: Harris

DMEA No. 3856 Idm-E 863

County: Macon State: N.C

1-24-57-Sold to;
Mack Buchanan 2130 lbs. Punch @ 5¢ 11.50
1-2-57- Sold - Sam Duncan 85 lbs skimings @ 40¢ } 47.40
67 " " @ 20 }
Sold English Mica Co. 1870 lbs. @ $30/ton 28.05
$1,466.60

Copy

GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT

Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 12-28-56

Acceptance No. 1027(a)

Certificate Authorization No. 1417A LOT No. SP- 1027(a)

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	123.81	37.72	39.44	46.65	2049.95
No Processed Pay't	.6				
THINS	.59				
BLACK Dots Spots Stains					
Undersized					
Process-~~Gain~~ Loss	.09				
Total Lbs Purchased	124.49				

Less: Initial Payment - Voucher No. Sch. No. 1458.53

Balance Due: Government: Seller: X 591.42 V

Seller's Name
Address: Harris Mining Co
Spruce Pine, NC
Box 126

NAME OF MINE: Harris

DMEA No. 3836 Idm-E 863

County: Macon State: N. C

E-863

For Certificate of Deposit No. 64, dated January 15, 1957, giving royalty payment of $549.70, see E-392.

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

WASHINGTON 25, D. C.

RECEIVED
JAN 1 1957
D.M.E.A.

January 14, 1957

Memorandum

To: Finance Officer, Region V -

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

Subject: Royalty Payment - Idm-F863, DMEA-3856, Harris Mining Co.
Harris Mine, Macon County, N. C.

Transmitted are bills-of-sale in the amount of $10,994.07, and a check in the amount of $549.70 for royalty due on the sales and to be credited to the subject certified contract.

Robert A. Laurence

ZM.

cc:

Lynch
Mittendorf
Files

copy

RECEIVED
MAR 7 1957
D.M.E.A.

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 12-7-56 ACCEPTANCE NO:
CERTIFICATE AUTHORIZATION No. 1417A	LOT No.	VOUCHER No.
RUBY X NON-RUBY	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	351.06	3458.72
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Harris	State: N.C. County: Macon
	DMEA No. 3856 Idm-E 863	
	Seller: Harris Mining Co.	
	Address: Spruce Pine, N.C. Box 126	

Scrap mica Sold.
English Mica Co: Spruce Pine, N.C.
3540 lbs. @ $30.00 / ton
2420 lbs. @ $30.00 / ton

53.10
36.30
$3548.12

GENERAL SERVICES ADMINISTRATION

WARRANTY, ACCEPTANCE AND INVOICE

MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

DATE PURCHASED: 2-21-57

ACCEPTANCE NO.: [redacted]

CERTIFICATE AUTHORIZATION NO.: [redacted]-4-1417 A

LOT NO.: SP AR-[redacted]

VOUCHER NO.:

RUBY [X] NON-RUBY [ ]

TOTAL LBS. PURCHASED: 438.61

VALUE - INITIAL PAYMENT: $110.74

PRELIMINARY PAYMENT

This lot of mica, weight above indicated, is accepted for the Government subject to all pertinent regulations and laws governing the domestic mica procurement program.

GENERAL SERVICES ADMINISTRATION

BY: Raleigh Young

SIGNATURE:

BUYER

FOR USE BY GSA ONLY

The undersigned warrants that this lot of mica, weight above indicated, meets the requirements of all applicable regulations and laws governing the mica program. Further, the undersigned hereby sells this lot of mica to the Government subject to all laws and regulations governing the purchase of mica by the Government and agrees to accept the processing results as valid and correct and to refund unconditionally any overpayment with the understanding that any underpayment will be made by the Government upon completion of the processing of this mica. This invoice is correct and just and payment therefor has not been received.

NAME AND LOCATION OF MINE: Harris-Mason County, N. C.

SELLER: Harris Mining Co.

DATE: 2-21-57

ADDRESS: Box 126, Spruce Pine, N. C.

BY: [illegible]

TITLE: Partner

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED 2-4-57 ACCEPTANCE NO. A[redacted]
CERTIFICATE AUTHORIZATION NO. [redacted]	LOT NO. SP A[redacted]	VOUCHER NO.
RUBY [X] NON-RUBY [ ]	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	314.99	4032.96

This lot of mica, weight above indicated, is accepted for the Government subject to all pertinent regulations and laws governing the domestic mica procurement program.

GENERAL SERVICES ADMINISTRATION

BY

[redacted]

SIGNATURE

BUYER

FOR USE BY GSA ONLY

The undersigned warrants that this lot of mica, weight above indicated, meets the requirements of all applicable regulations and laws governing the mica program. Further the undersigned hereby sells this lot of mica to the Government subject to all laws and regulations governing the purchase of mica by the Government and agrees to accept the processing results as valid and correct and to refund unconditionally any overpayment with the understanding that any underpayment will be made by the Government upon completion of the processing of this mica. This invoice is correct and just and payment therefor has not been received.

NAME AND LOCATION OF MINE

[redacted]
Mason County, N. C.

SELLER	DATE
[redacted] Mining Co.	2-4-57

ADDRESS

Box 126, Spruce Pine, N. C

BY	TITLE
	[redacted]

Form R4-T35, May 1956

Copy

GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT

Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 12-7-56

Acceptance No. 938(a)

Certificate Authorization No. 1417A LOT No. SP-

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	350.28	106.46	149.98	93.84	4405.54
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process-~~Gain~~ Loss	78				
Total Lbs Purchased	351.06				

Less: Initial Payment - Voucher No.		Sch. No.	3458.72
Balance Due:	Government:	Seller: ✓	946.82 ✓

Seller's Name
Address: Harris Mining Co
Spruce Pine, N.C

NAME OF MINE: Harris

DMEA No. 3856 Idm-E 863

County: Macon State: N.C.

Copy

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 12-21-56 ACCEPTANCE NO: —
CERTIFICATE AUTHORIZATION No. 1417A	LOT No.	VOUCHER No.
RUBY X NON-RUBY	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	425.50	5040.60 ✓
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Harris State: N.C. County: Macon	
	DMEA No. 3856 Idm-E 863	
	Seller: Harris Mining Co	
	Address: Spruce Pine, N.C.	

copy

RECEIVED
JAN 16 1957
D.M.E.A.

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 12-28-56 ACCEPTANCE NO: —
CERTIFICATE AUTHORIZATION No. 1417A	LOT No. ✓	VOUCHER No. ✓
RUBY X NON-RUBY	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	124.49	1458.53 ✓
GENERAL SERVICES ADMINISTRATION By:	NAME OF MINE: Harris DMEA No. 3856 Idm-E 863 Seller: Harris Mining Co Address: Spruce Pine, N. C.	State: N. C. County: Macon

DMEA EXPLORATION PROJECTS

Semi-Annual Report of Certified Projects

Reporting Period 1/1/56 to 1/1/57 Date of Examination: 3/19/57

Operator: A. Ward. Now owned by M. E. Burleson and Lee Buchanan

Mine Name: Harris Mine Macon County, North Carolina

DMEA-3856 Contract No. Idm-E863 Commodity: Mica

Date of Contract: August 30, 1955 Date of Certification: 6/18/56

Expiration Date of Royalty Payments: August 30, 1965

Total Amount of Contract: $6,500.00

Total Expenditures under contract: $6,500.00

Amount of Government Participation at 75% $4,875.00

Royalty Payments this Period: $3,786.97

Previous Royalty Payments: None

Total Royalty paid to Date: $3,786.97

Percent Government Participation Repaid: 77.68%

Royalty Due on Production to Date: None

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DMEA
RECEIVED APR 22 1957

DATE	INITIALS	CODE
4/22	C	220
23	CAW	100

Royalty Remarks: Operator has been paying royalty monthly. Above is royalty payments up until February 1, 1957.

Original Estimate of DMEA Reserves (From Field Team Final Report)

Indicated: 107,000 pounds "mine-run" block mica

Inferred: 198,592 pounds "mine-run" block mica

Production DMEA Ore (this period)

Type	Pounds	Amount
Sheet	5,565.97	$72,377.27
Hand cobbed	8,240.00	1,474.94
Punch	8,352,00	890.19
Scrap	56,490.00	847.35
Totals	78,647.97	$75,589.75

Previous DMEA Production: None

DMEA Production to Date: Same as this period

Remarks:

Mr. A. Ward sold his interest in the mine to M. E. Burleson who in turn gave Lee Buchanan one-third interest in the mine to operate it for him. Production has been steady from the mine since completion of the contract, an average of over $6,000.00 worth of mica being sold monthly.

A new shaft is presently being sunk about 75 feet northwest of No. 2 shaft. This was necessary due to poor ventilation in the mine. When visited the shaft was down 130 feet on the vertical and 60 feet on the incline. As they were producing mica they were going to continue to sink.

As the shaft is more than 100 feet deep North Carolina law required the construction of a rigid head frame with guides. Mr. Burleson told the writer that this cost them approximately $1,500.00. He stated that they were sinking their shaft for a cost of about $45.00 per foot. If they had to pay rental on their equipment it would cost them more.

The equipment on the property consists of a double drum hoist, a 125 cubic foot Jaeger air compressor and a Copco (Swedish) rock drill with jackleg.

Wm. A. Beck

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

For Certificate of Deposit No. 58, dated December 17, 1956, giving royalty payment of $698.32, see E-255.

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

RECEIVED DEC 17 1956 D.M.E.A.

December 14, 1956

Memorandum

To: Finance Officer, Region V -

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

Subject: Royalty Payment - DMEA-3856, Idm-E863 (mica) Harris Mine.
A. Ward (Harris Mining Co., present operator) N. C.

Transmitted are bills-of-sale in the amount of $13,966.47 for mica sold from the subject mine, and a check No.1395 in the amount of $698.32 for the Government's 5% royalty on the sale.

V. J. Lynch

xx

Mittendorf
Lynch
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GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT

Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 9-15-56

Acceptance No. 496(a)

Certificate Authorization No. 1417A LOT No. SP- 496(a)

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	338.23	145.52	152.15	40.56	5227.82
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process- ~~Gain~~ ~~Less~~	.17				
Total Lbs Purchased	338.06				

Less: Initial Payment - Voucher No.		Sch. No.	2916.50
Balance Due:	Government:	Seller: ✓	2311.32 ✓

Seller's Name
Address: Harris Mining Co
Box 126
Spruce Pine, N.C.

NAME OF MINE: Harris

DMEA No. 3856 Idm-E 863

County: Macon State: N.C

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RECEIVED DEC 17 1956

GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT

Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 10-5-56

Acceptance No. 603(a)

Certificate Authorization No. 1417A LOT No. SP- 603(a)

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	184.79	51.63	96.91	36.25	2356.42
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process-Gain ~~Loss~~	.16				
Total Lbs Purchased	184.63				

Less: Initial Payment - Voucher No. Sch. No. 1547.76

Balance Due: Government: Seller: ✓ 808.66

Seller's Name Harris Mining Co. NAME OF MINE: Harris

Address: Box 126, Spruce Pine, N.C. DMEA No. 3856 Idm-E 863

(Formerly A. Ward) County: Macon State: N.C.

copy

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 10-5-56 ACCEPTANCE NO: ✓
CERTIFICATE AUTHORIZATION No. 1477A	LOT No.	VOUCHER No.
RUBY X NON-RUBY	TOTAL LBS. PURCHASED	VALUE - INITIAL ~~PAYMENT~~
PRELIMINARY PAYMENT	184.63	1547.76
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Harris	State: N.C County: Macon
	DMEA No. 3856 Idm-E 863	
	Seller: Harris mining Co.	
	Address: Spruce Pine, NC (Formerly A. Ward)	

Sold to:

The English Mica Co. 9-29-56	2190 lbs @ $30.00/ton	$32.85
9-13-56 " "	2960 lbs @ $30.00/ton	44.40
9-27-56 " "	2260 lbs. @ $30.00/ton	33.90
10-5-56 Sam Duncan	25 lbs skimmings @ 35¢ and 25 lbs. Rough @ 15¢	12.50
10-22-56 Sam Duncan	sheet @	9.25
10-26-56 Harold Burleson	88 lbs punch @ 10¢	8.80
10-31-56 Sam Duncan	skimmings + scrap	11.60
	Total	1,701.06

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GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT

Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 10-25-56

Acceptance No. 714(a)

Certificate Authorization No. 1417A LOT No. SP- 714 a

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	382.89	113.52	160.37	109.00	4952.98
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process- Gain ~~Loss~~	.02				
Total Lbs Purchased	382.87				

Less: Initial Payment - Voucher No.		Sch. No.	3488.23
Balance Due:	Government:	Seller:	1464.75

Seller's Name
Address: Harris Mining Co
Spruce Pine, N.C.

NAME OF MINE: Harris

DMEA No. 3856 Idm-E 863

County: Macon State: N.C

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DEC 17 1956
DMEA

GENERAL SERVICES ADMINISTRATION
WARRANTY, ACCEPTANCE AND INVOICE
MICA PURCHASING DEPOT, SPRUCE PINE, N. C.

		DATE PURCHASED: 10-25-56
CERTIFICATE AUTHORIZATION No. 1477A	LOT No.	ACCEPTANCE NO:
RUBY X NON-RUBY		VOUCHER No.
	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	382,87	3488.23 ✓
GENERAL SERVICES ADMINISTRATION		
By:		

NAME OF MINE: Harris State: N.C.
County: Macon

DMEA No. 3856 Idm-E 863

Seller: Harris mining Co

Address: Spruce Pine, N.C.

Copy.

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 10-5-56 ACCEPTANCE NO:
CERTIFICATE AUTHORIZATION No. 1417A	LOT No.	VOUCHER No.
RUBY X NON-RUBY	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	27.00	281.85
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Harris	State: North Carolina County: Macon
	DMEA No. 3856 Idm-E 863	
	Seller: Harris mining co	
	Address: Spruce pine, N.C.	

Copy

GENERAL SERVICES ADMINISTRATION FINAL SETTLEMENT Mica Purchasing Depot, Spruce Pine, N. C.	Date Purchased 10-5-56 Acceptance No. 604(a)
Certificate Authorization No. 1417A LOT No. SP- 604(a)	VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	26.86	13.50	11.62	1.74	389.06
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process-Gain Loss					
Total Lbs Purchased					

Less: Initial Payment - Voucher No.		Sch. No.	281.85
Balance Due:	Government:	Seller:	107.21

Seller's Name
Address: Harris Mining Co
Spruce Pine, N.C

NAME OF MINE: Harris
DMEA No. 3856 Idm-E 863
County: Macon State: N.C

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GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED: 11-9-56 ACCEPTANCE NO:
CERTIFICATE AUTHORIZATION No. 1417A	LOT No.	VOUCHER No.
RUBY NON-RUBY	TOTAL LBS. PURCHASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	290.62	2462.69
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Harris	State: N.C County: Macon
	DMEA No. 3856 Idm-E 863	
	Seller: Harris Mining Co	
Sold to:	Address: ~~Spruce Pine, N.C.~~	
English Mica Co. 11-10-56	4250 lbs. scrap @ $30/Ton	63.75
11-7-56 - Press Burleson	- 85 lbs. punch @ 10¢	8.50
11-10-56 - David Cook	- 18 lbs skimmings @ 45¢	8.10
	3 lbs. ruff @ 20¢	.60
11-12-56 - B.H. Buchanan	- 85 lbs punch @ 10¢	8.50
11-12-56 - Ira Buchanan	- 155 lbs " @ 10¢	15.50
11-21-56 - " "	526 " " @ 10¢	52.60
11-21-56 - George Burleson	- 90 lbs punch @ 10¢	9.00
	Total---	$2629.24

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GENERAL SERVICES ADMINISTRATION
FINAL SETTLEMENT

Mica Purchasing Depot, Spruce Pine, N. C.

Date Purchased 11-9-56

Acceptance No. 795(a)

Certificate Authorization No. 1417A

LOT No. SP- 795 (a)

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S.	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	290.06	83.56	134.25	72.25	3636.84
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process- Gain Loss					
Total Lbs Purchased					

Less: Initial Payment - Voucher No. Sch. No. 2462.69

Balance Due: Government: Seller: 1174.15

Seller's Name
Address: Harris Mining Co
Spruce Pine, N.C

NAME OF MINE: Harris

DMEA No. 3856 Idm-E 863

County: Macon State: N.C.

Oak Ridge, Tennessee

THIS DEPOSIT IS NOT SUBJECT TO CHECK

For credit of 1428 Br. Trsy. Regional Office, Oak Ridge, Tenn. 10/10/56
(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)

for accounts listed below. SCHEDULE NOS.

DEPOSIT NO. 14-23-070-41

$ 372.83

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-E918 Ferguson Mine (Royalty Payment)	8.57
	Idm-E863 Harris Mine (Royalty Payment)	364.26

(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

TRIPLICATE

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

16—59686b-1 GPO

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

RECEIVED
OCT 11 1956

October 9, 1956

Memorandum

To: Finance Office - Region V - DMEA

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

Subject: Royalty payment - Idm-E863, DMEA-3856 (mica)
Harris Mine, Macon County, N.C.

Transmitted are bills-of-sale in the amount of $7,285.17, and a check for 5% royalty on the sale for $364.26 to be credited to the subject certified contract.

Robert A. Laurence

ZM.

cc:
Mitsendorf
Lynch
Shirley
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OCT 11 1956

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED 9-6-56 ACCEPTANCE No.
CERTIFICATE AUTHORIZATION No. 1417 A	LOT No.	VOUCHER No.
RUBY X NON-RUBY	TOTAL LBS. PURHCASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	230.63	2093.83
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Harris	COUNTY - STATE Macon N. C
	DMEA No. 3856	Idm-E 863
	Seller: Harris Mining Co	
	Address: Spruce Pine, N. C	
	Title:	

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OCT 11 1956

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED 9-18-56 ACCEPTANCE No. ✓
CERTIFICATE AUTHORIZATION No. 1417A	LOT No. ✓	VOUCHER No.
RUBY X NON-RUBY	TOTAL LBS. PURHCASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	338.06	2916.50
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Harris	COUNTY - STATE N.C Macon
	DMEA No. 3856	Idm-E 863
	Seller: Harris Mining Co Spruce Pine	
	~~Address:~~ Sept. 1, 1956 Sold To: English Mica Co. 2510 lbs @ $30/ton	$37.65
	~~Title:~~ Sept. 15, 1956 Sold To: English Mica Co 4510 lbs @ $30/ton	67.65

9-22-56. Sold to Joe West
58 lbs @ 35¢/lb 20.30
88 lbs @ 10¢/lb 8.80
38 lbs @ 35¢/lb 13.30

$3,064.20

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OCT 11 1956

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

Date Purchased 9-12-56

Acceptance No. 567(a)

Certificate Authorization No. 1417A LOT No. 567(a) SP-

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	157.28	56.41	63.37	37.50	2113.75
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process- Gain ~~Loss~~	39				
Total Lbs Purchased	157.67				

Less: Initial Payment - Voucher No. Sch. No. 1294.87

Balance Due Government Seller X 818.88

Seller's Name: Harris Mining Co

Address: Spruce Pine, N.C

NAME OF MINE: Harris

DMEA No. 3856 Idm-E 863

Approved

Date:

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OCT 11 1956

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

Date Purchased 9-6-56

Acceptance No. 420

Certificate Authorization No. 1417A LOT No. 420 SP-

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	230.79	82.16	108.04	40.59	3407.09
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process- ~~Gain~~ ~~Loss~~	.16				
Total Lbs Purchased	230.63				

Less: Initial Payment - Voucher No. Sch. No. 2093.83

Balance Due Government Seller X 1308.26

Seller's Name: Harris Mining Co
Box 126

NAME OF MINE: Harris, Macon County, N.C.

DMEA No. 3856 Idm-E 863

Address: Spruce Pine, N.C.

Approved

Date:

Oak Ridge, Tennessee

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

DEPOSIT NO. ~~14-23-070-30~~

For credit of 428 Br. Trsy. Regional Office, Oak Ridge, Tenn. 9-11-56
(Name, title, and disbursing [illegible]her identification symbol of accountable officer) (Date sent)

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

$ 142.97

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-E863 Harris Mining Co. (Royalty Payment)	$142.97

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

SEP 12 1956
(Authorized signature)

(Date of credit in Treasurer's account)

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

16—59688b-1

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

RECEIVED SEP 13 1956

September 10, 1956

Memorandum

TO: Finance Officer - Region V - Norris

From: Executive Officer, DMEA - Region V

Subject: Royalty Payment on Certified Contract Idm-E863
DMEA-3856 Harris Mine (mica) N.C.

Transmitted are bills-of-sale for $2,859.42 and a royalty check in the amount of $142.97 which is the 5% due the Government on the sale.

Robert A. Laurence

ZM.

cc: Lynch
Mittendorf

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SEP 1 0 195

GENERAL SERVICES ADMINISTRATION FINAL SETTLEMENT Mica Purchasing Depot, Spruce Pine, N. C.	Date Purchased 7-30-56 Acceptance No. 190(a)
Certificate Authorization No. 1417A LOT No. SP- 190(a)	VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	329.04	92.65	131.85	104.54	4054.38
No Processed Pay't	3.25				
THINS					
BLACK Dots Spots Stains					
Undersized					
Process- ~~Gain~~ Loss	.46				
Total Lbs Purchased	332.75				

Less: Initial Payment - Voucher No.		Sch. No.	2580.63
Balance Due	Government	Seller X	1473.75

Seller's Name: M.E. Burleson

Address: Spruce Pine, N.C.

NAME OF MINE: Harris

DMEA No. 3856 Idm-E 863

Approved

Date:

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SEP 1 3 1956

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED 8-28-56 ACCEPTANCE No. —
CERTIFICATE AUTHORIZATION No. 14174	LOT No. —	VOUCHER No.
RUBY X NON-RUBY	TOTAL LBS. PURHCASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	157.67	1294.87 *
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Harris COUNTY - STATE N. C	
	DMEA No. 3856 Idm-E 863 (mica)	
	Seller: M.E. Burleson's Operator c/o Harris Mining Co	
	Address: Spruce Pine, N.C.	
	Title: (A. Word - applicant)	

8-4-56 - Sold to: English Mica Co. 4700 lbs @ $30/ton 70.50
8-10-56 " " Sam Duggan: 66 lbs @ 25¢ } 38 lbs @ 10¢ } 20.30

Total $1,385.67 *

For Certificate of Deposit No. 22, dated August 20, 1956, giving royalty repayment of $441.37, see E-613.

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

August 17, 1956

Memorandum

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

From: Executive Officer, DMEA - Region V

Subject: Royalty Payment: Idm-E863, DMEA-3856 (mica)
Harris Mining Co. Harris Mine, N. C.

Transmitted are bills-of-sale in the amount of $38,827.35, and a check for 5% royalty in the amount of $441.37 to be credited to the subject contract.

Robert A. Laurence

Enl.
cc.
Lynch
Mittendorf
Files
Shirley

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AUG 20 1956

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GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED 7-2-56 ACCEPTANCE No.
CERTIFICATE AUTHORIZATION No.	LOT No.	VOUCHER No. ✓
RUBY X NON-RUBY	TOTAL LBS. PURHCASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	311.07	2694.21
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Harris COUNTY - STATE N. C	
	DMEA No. 3856 Idm-E 863	
	Seller: Harris Mining Co	
	Address: Spruce Pine, N. C	
	Title:	

7-13-56 - Sold to Sam Duncan
129 lbs. skimmings @ 25¢ — $32.25
52 lbs. " @ 10¢ — 5.20

7-8-56. Sold to James C. Carpenters
184 lbs. punch @ 8¢ — 14.72
7-7-56 Sold to English Mica Co — 96.60
6440 lbs scrap @ $30/ton — $148.77

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GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED 7-30-56 ACCEPTANCE No. —
CERTIFICATE AUTHORIZATION No. 1417A	LOT No. ✓	VOUCHER No.
RUBY X NON-RUBY	TOTAL LBS. PURHCASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	332.75	2580.63
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Harris COUNTY - STATE N.C	
	DMEA No. 3856 Idm-E 863	
	Seller: Harris Mining Co.	
	Address: Spruce Pine, N.C	
	Title:	

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

Date Purchased 7-2-56

Acceptance No. 25(a)

Certificate Authorization No. 1417(a) LOT No. SP- 25(a)

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	310.42	92.86	143.09	74.47	4210.21
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process- ~~Gain~~ Loss	.65				
Total Lbs Purchased	311.07				

Less: Initial Payment - Voucher No.		Sch. No.	2694.21
Balance Due	Government	Seller X	1516.00

Seller's Name: Harris Mining Co.

Address: Spruce Pine, N.C.

NAME OF MINE: Harris

DMEA No. 3856 Idm-E 863

Approved

Date:

Copy

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

Date Purchased 6-13-56

Acceptance No. 1241 (a)

Certificate Authorization No. 1417A LOT No. SP- 1241(a)

VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	416.59	153.33	170.88	92.38	5558.62
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process- ~~Gain~~ Loss	71				
Total Lbs Purchased	417.30				

Less: Initial Payment - Voucher No.		Sch. No.	3670.88
Balance Due	Government	Seller X	1887.74

Seller's Name: Harris Mining Co

Address: Spruce Pine, N.C.

NAME OF MINE: Harris

DMEA No. 3856 Idm-E 863

Approved

Date:

E-863

For Certificate of Deposit No. 6, dated July 13, 1956, giving royalty repayment of $249.62, see E-392.

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

RECEIVED
JUL 16 1956

July 12, 1956

Memorandum

To: Helen Miller, Administrative Officer, Region V - Norris, Tenn.

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

Subject: Royalty Payment - Idm-2863, DMEA-3856, Harris Mining Co.
Harris Mine, (mica) Spruce Pine, N.C.

Transmitted are bills-of-sale in the amount of $4,992.36 and a check No.1025 for 5% royalty in the amount of $249.62 to be credited to the subject certified contract.

Robert A. Laurence

RH.
cc:
Mittenderf
Lynch
Shirley
Files

Copy

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

RECEIVED
JUL 16 1956

DATE: 5-11-56

Acceptance No. BR-4
308(a) $600/ton

Certificate of Authorization No. 187-B	LOT No. 308(a)			
RUBY [ ] NON-RUBY [ ]	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
~~TOTAL PAYMENT~~	1455.00	1.93 ~~9.52~~	9.52	104.71
LESS INITIAL PAYMENT				296.28
AMT DUE Gov [X] SELLER [ ]	~~Learuflung~~	~~Tuning~~	~~Tuning~~	36.34 ~~227.91~~

DMEA- 3856 IDm-E 863

Seller: Harris Mining Co

MINE; Harris Address Spruce Pine

Copy

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

DATE: 6-1-56

Acceptance No. BR-4
297(a) mayi-$1600/ton

Certificate of Authorization No. 187 B

LOT No. 297(a)

RUBY [X] NON-RUBY [ ]	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT	3430.00	12.94	56.56	666.12
LESS INITIAL PAYMENT		12.00	65.00	444.42
AMT DUE Gov [ ] SELLER [X]	~~Less rifling & trucking~~			177.58
				44.12

DMEA- 3856 IDm-E 863

Seller: Harris Mining Co

MINE; Harris Mine

Address Spruce Pine, N. C

By: [illegible]

Copy

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

DATE: 5-25-56

Acceptance No. DP-4 289(a) mapi $600/ton

Certificate of Authorization No. 187B

LOT No. 289(a)

RUBY [X] NON-RUBY [ ]	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT	3365.00	28.06	65.69	1009.50
LESS INITIAL PAYMENT		20.00	60.00	740.76
AMT DUE Gov [ ] SELLER [X]	~~Less rifting & trimming~~			91.57
				177.17

DMEA- 3856 IDm-E 863

Seller: Harris mining co

MINE; Harris Mine

Address Spruce Pine, N. C

By: M. E. Burleson

copy

RECEIVED
JUL 16 1956

GENERAL SERVICES ADMINISTRATION FINAL SETTLEMENT Mica Purchasing Depot, Spruce Pine, N. C.	Date Purchased 5-17-56 Acceptance No. AR-4 1124 a
Certificate Authorization No. 1417A ~~SP~~-AR LOT No. 1124(a)	VOUCHER No.

	TOTAL Wt. Lb	Lbs-G.S	Lbs-Stained	Lbs-Hy-Stained	Total Value
Processed for Payment	275.68	118.50	96.50	60.88	3713.31
No Processed Pay't					
THINS					
BLACK Dots Spots Stains					
Undersized					
Process- Gain ~~Loss~~	.23				
Total Lbs Purchased	276.11				

Less: Initial Payment - Voucher No.		Sch. No.	2580.57
Balance Due	Government	Seller X	1132.74

Seller's Name: Harris Mining Co

Address: Spruce Pine, N.C

By: M.E. Burleson

NAME OF MINE: Harris Mine

DMEA No. 3856 Idm-E 863

Approved

Date:

copy

RECEIVED
JUL 16 1956

GENERAL SERVICES ADMINISTRATION WARRANTY, ACCEPTANCE AND INVOICE MICA PURCHASING DEPOT, SPRUCE PINE, N. C.		DATE PURCHASED 6-13-56 ACCEPTANCE No. AR-4
CERTIFICATE AUTHORIZATION No. EPS-4-1417 A	LOT No. 1241	VOUCHER No. 1241
RUBY X NON-RUBY	TOTAL LBS. PURHCASED	VALUE - INITIAL PAYMENT
PRELIMINARY PAYMENT	417.30	3670.88
GENERAL SERVICES ADMINISTRATION		
By:	NAME OF MINE: Harris COUNTY - STATE N.C	
	DMEA No. 3856 Idm-E 863	
	Seller: Harris Mining Co	
	Address: Spruce Pine, N.C	
	Title: M. E. Burleson, Partner	

Scrap Mica sold:

5/19/56	The English Mica Co. Spruce Pine, N. C.	5060 lbs	@ $30/ton	$75.90
6/9/56	" " " "	3780 lbs	@ $30/ton	56.70
6/16/56	Mames Carptenter, " " "	499 "	@ 8¢/lb.	39.90
6/12/56	" " " " "	28 "	@ 8¢ lb.	2.24
6/5/56	" " " " "	259 "	@ 8¢ lb.	20.62
		TOTAL		3866.24

Docket Copy
Surname:

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

JUN 18 1956

Mr. A. Ward

Franklin, North Carolina

Re: Docket No. DMEA-3856 - Mica
A. Ward
Harris Mine
Macon County, North Carolina
Contract No. Idm-E863

Dear Mr. Ward:

Transmitted herewith is a certification of discovery or development under Contract No. Idm-E863 on the Harris Mine, Macon County, North Carolina.

By the terms of the Exploration Project Contract and of the certification, all production from the date of the Exploration Project Contract, August 30, 1955, is subject to the Government's percentage royalty as set forth in the contract until the sum of $4,875.00 is paid or until August 30, 1965, whichever occurs first.

Payments should be made to Mr. Robert A. Laurence, Executive Officer, DMEA 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 royalties from the amount due on each shipment and forward the checks 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,
G. O. Mittendorf

Administrator

Enclosure

Copy to:
Admr. R. File
Docket
Operating Committee
Mr. Johnson
Mr. Chambers
Mr. Houk
Field Team, Region V
Mr. Kilsgaard, 5222
Mr. Dietrich, 3061
Mr. Hopkins

Hopkins:gad 6/7/56

Docket Copy
Surname:
Hopkins
Houk
Talbert
Haken
Killsgaard
Martin
Johnson

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

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

JUN 18 1956

Re: Docket No. DMEA-3856 - Mica
A. Ward
Harris Mine
Macon County, North Carolina
Contract No. Idm-E863

Dear Mr. Fredell:

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

The exploration contract was signed on August 30, 1955, with the Government participating to the extent of 75 percent of $6,500.00 or $4,875.00. The project was started on September 12, 1955 and completed on February 20, 1956, after the expenditure of $6,500.00, which is the total net accepted cost according to the Audit Review. The Government paid 75 percent of the total accepted cost or $4,875.00.

The work performed on this project consisted of deepening a 75-foot vertical shaft 18 feet and then continuing as an incline for 42 feet. From the bottom of the shaft, 100 feet of drift and crosscut were driven on the pegmatite.

About 15,000 pounds of "mine-run" block mica was produced during the operation. The project work furnished sufficient data to calculate the following types and quantities of strategic mica reserves:

Indicated	107,000 pounds "mine-run" block mica
Inferred	198,592 pounds "mine-run" block mica

The DMEA is of the opinion that the project work was of definite benefit to the property and, therefore, we have certified that a discovery or development resulted from the work.

Sincerely yours,

G. O. Mittendorf

Administrator

Enclosure

JHopkins:gad 6/7/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Johnson
Mr. Chambers
Field Team, Region V
Mr. Houk
Mr. Killsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Hopkins

E-863

For Certificate of Deposit No. 110, dated June 14, 1956, giving royalty repayment of $326.06, see Ep410.

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

RECEIVED
JUN 15 1956

June 13, 1956

Memorandum

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

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty Payment - Idm-R863, DMEA-3856, Harris Mine.

Transmitted are bills-of-sale in the amount of $6,521.26 and a royalty check for 5% of the sales due the Government on the subject contract, in the amount of $326.06.

Robert A. Lawrence

ZM

cc: Millendorf
~~Finance Office~~
Lynch
Files
Shirley

Copy

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

DATE: 5-11-56

Acceptance No. BR-4-Maxi. $600/Ton

Certificate of Authorization No.	LOT No.			
RUBY [X] NON-RUBY [ ]	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT				
~~[illegible]~~ INITIAL PAYMENT	1455.00	8.00	22.00	296.38
AMT DUE Gov [ ] SELLER [ ]				

DMEA- 3856 IDm-E 863

Seller: M.E. Burleson

MINE; Harris Mine Address Box 126. Spruce Pine

Copy

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JUN 15 1956

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

Authorization No. 1417A Acceptance No. 1124 Date: 5-17-56

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

Mine: Harris DMEA No. 3856, Idwt 863

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		//////		276.11	//////	
TOTAL		/////			/////	2580.57

5-31-56
Sold to: Sam Duncan - Spruce Pine, N.C. 152.25
609 lbs @ 25¢ (skimming) 34.50
345 lbs. @ 10¢ "

2767.32

copy

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JUN 15 1956

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

Authorization No. EPS-4-1417A Acceptance No. 1095 Date: 5-1-56

Seller: Harris Mining Co.

Mine: Harris DMEA No. 3856 - Dow E 863

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				1.53	$70.00	107.10
No. 4 and 5				17.05	$40.00	682.00
No. 5½ and 6				101.49	$15.00	1522.35
Stained No. 3 and larger		$12.00		.25	$18.00	4.50
No. 4 and 5		$ 5.00		10.65	$ 8.00	85.20
No. 5½ and 6		$ 3.00		138.94	$ 5.00	694.70
Heavy Stained No. 3 & larger		$ 8.00		.06	$13.00	.78
No. 4 and 5		$ 4.00		6.55	$ 6.00	39.30
No. 5½ and 6		$ 2.00		33.77	$ 3.00	101.31
LOT TOTALS		//////		310.29	//////	
TOTAL		/////			/////	3237.24

5/25/56 Sold to Jas. Carpenter - 539 lbs @ 8¢ (punch) 43.12
5/1/56 " " Burleson Mica Co. 1544 lbs @ 8¢ (punch) 123.52
5/8/56 " " " " " 671 " @ 8¢ (") 53.68
3,457.56

IN REPLY REFER TO:

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

RECEIVED
JUN 8 1956

June 8, 1956

Re: DMEA 3856 Idm E-863
A. Ward
Harris Mine
Macon County, North Carolina
$6,500 - Mica

Memorandum

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

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

Subject: Review of Field Team Final report

The operator explored a pegmatite by sinking 60 feet and drifting 100 feet.

In the course of the work he opened up an irregular but comparatively rich quartz cored pegmatite from which he took about 15,000 pounds of mine run block ruby mica. The estimated market value is $10,500.

Reserves are estimated at:

Indicated:	$74,900	-	5,350 pounds at $14.00/lb.
Inferred:	$139,000	-	9,930 " " 14.00/lb.
	$213,900		
Sales	10,500		
	$224,400	X 5%	= $12,220.00

Certification of the property is recommended by the Examiners and the Field Team.

I concur with that recommendation.

N. E. Nelson

N. E. Nelson

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

RECEIVED
MAY 28 1956

May 25, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: W. F. Dietrich, Chief
Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3856 (mica)

Applicant: A. Ward

Name and Location of Property: Harris Mine, Macon Co., N. C.

Contract Number: Idm-E 863

Date of Field Team Report: 5/8/56

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 5/21/56

Field Team Recommendation: Recommend certification of discovery.

Comments:

1. About 15,000 pounds of "mine-run" block ruby muscovite mica, valued at $10,500.00 (estimated) was recovered from 100 feet of drifting.

2. Reserves are estimated at:

Indicated - 107,000 pounds of "mine-run" block mica
Inferred - 198,500 pounds of "mine-run" block mica

RECEIVED
8 53

3. Expenditures -

Total approved	$6,500.00
Total cost	6,500.00
Gov't. share of the cost	4,875.00
Value of production during operation	10,500.00 (Estimated)

Recommendation:

I concur with the field team's recommendation for certification of discovery.

W. F. Dietrich

W. F. Dietrich

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1 POST OFFICE BLDG.
KNOXVILLE 2, TENN.
May 15, 1956

RECEIVED
MAY 16 1956

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Field Team Final Report: DMEA-3856, Idm-E863 - Mica A. Ward, Franklin, N. C. Harris Mine, Macon County, N. C.

Transmitted are four copies of the subject report with maps attached.

The Field Team concurs with the Field Examiners that a certification of discovery should be issued on this project.

V. J. Lynch

V. J. Lynch, Acting
Executive Officer, DMEA
Field Team, Region V

A. R. Taylor

A. R. Taylor, Geologist
U. S. Geological Survey.

Reviewed by
DMEA OPERATING COMMITTEE
5-21-56
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

RECEIVED
MAY 16 1956

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
FIELD TEAM, REGION V

On

DMEA-3856, HARRIS MINE,-Mica
Macon County, N. C.

By

A. R. Taylor and S. C. Bergman, Geologists
U. S. Geological Survey

and

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

Reviewed by
DMEA OPERATING COMMITTEE
5-21-56
(date)

May 8, 1956

RECEIVED
MAY 16 1956

FINAL REPORT
On

DMEA-3856, HARRIS MINE - (Mica)
Idm-E863, Macon County, N.C.

Operator: A. Ward, Franklin, North Carolina

Summary

About 15,000 pounds of large "mine-run-block" ruby mica were recovered during 100 feet of drifting. A well-zoned mica-bearing pegmatite 4 to 10 feet thick, strikes generally (at the 100 ft level) N. 80° E and dips 50 to 60 degrees N. W. No further exploration is warranted. The Operator is mining and plans to continue. Exploration has outlined substantial reserves, therefore, it is recommended that a certification of discovery be issued.

Introduction

Location:

The Harris Mine is 2.4 airline miles N. 49° W of Franklin, Macon County, North Carolina. It is on a gently sloping hillside about 200 feet from an all-weather road (Franklin, N. C. Quad., TVA 1/24,000 - 167-NW).

History

Mr. C. S. Grindstaff opened the deposit in 1919, and worked it extensively in 1922. He reopened it in March 1944, and worked in the old workings intermittently until November, 1944. From late July to late September, 1944, Boise Hall, J. P. Hyatt, and F. M. Brendle worked a new 30-ft shaft from which they drove drifts 12 ft to the north and 28 ft to the south. These operations obtained only a small amount of mica.

Operator and Equipment

Mr. A. Ward, the Operator, Mr. M. E. Burleson, and foreman Lee Buchanan cooperated fully with the field examiners and conducted an efficient project.

Facilities present include a toolhouse, hoist house, magazines, mica house, bunk house, and a 220-volt single phase power line.

No equipment was purchased by the Government under the contract, and no facilities were constructed.

Present Workings:

Work under the contract was begun from the 75 ft level of the shaft September 12, 1955, and ended about February 20, 1956. An amendment to the contract allowed for 18 ft of vertical sinking and 42 ft of incline instead of a total of 60 ft of incline shaft. The shaft was lowered 18 ft vertically, then inclined 42 ft N 60° E at approximately - 26°. The Operator made a 5-foot sump at the incline bottom and installed an electric pump with an automatic float switch.

A drift was driven following the western contact, in pegmatite, for 29 ft N 20° W. From that point a 12 ft wide and 8 ft high crosscut was driven for 19 ft in a N 10° W direction where it encountered the hanging wall contact which strikes N 60° E and dips 65° N.W. A drift was driven from the 29 ft point, in pegmatite, for 20 ft N 70° W, then S 75° to 80° W for 50 ft. The contract ended at the 81 ft point in the main drift with a total of 100 ft.

The Operator continued driving a drift 12 ft to 14 ft in height and 10-ft to 12 ft in width to the 110 ft point. At present he is benching, or lowering the floor of the drift.

Pegmatite and Country Rock

A well-zoned, mica-bearing, conformable pegmatite, 4 to 10 feet thick, is enclosed in a hard, unweathered biotite gneiss. Strikes and dips are variable along the undulating contacts, but in general are N 75° to 85° E.,

and 45 to 65° N. W. In the N. 20° W drift the strike is N 20° W, and the dip is vertical to 85° SW.

The dike-like pegmatite is made up of a 2 to 3 ft zone of coarse crystalline albite-oligoclase (crystals up to 1 ft wide) which contains a 4" to 6" quartz-muscovite zone of "burr" rock (crystals 1/2" wide) next to each contact, and a white, sugar-textured massive quartz core about 5 ft thick. In many places, large tan to pink, euhedral orthoclase crystals (1 ft wide) are oriented along the albite-olioclase and quartz core contacts and enclosed within the core (see map sect.)

Large, unoriented crystals of ruby muscovite occur in the feldspar zone next to the quartz core on both the hanging and footwall sides. Although the crystals occur on each side, whenever a large shoot or zone of such crystals occur on one side, no such large zone occurs on the opposite side of the core. Generally no large crystals occur in the wall zone with the small "burr" rock.

The Mineable, mica-bearing pegmatite is probably continuous downdip at least 20 ft or more, and on the lateral extensions for perhaps a minimum of 30 ft to 60 ft. It can be mined overhead for perhaps 30 ft to 40 ft (deducting for the areas mined out). About 7000 cu ft of material was removed under the contract in the drift (7' x 10' x 100').

Muscovite

About 15,000 pounds of "mine-run-block" ruby muscovite was recovered during the 100 ft of drifting under the contract. In 107 ft the Operator had recovered a total of 17,000 pounds of block mica.

A large part of that recovery was in crystals that weighed 60 to 80 lbs and sheeted to $40 to $70 per pound. Many crystals exhibited the pseudo-hexagonal outline and were 6 inches to 12 inches thick and 12 to 20 inches in width.

Some ruling exists in 3 inch sections and some fine black stains occur near the 29 ft point, but generally the mica is of excellent size and quality.

One particularly large zone of muscovite was encountered at the 74 ft point in the southwestern drift. Over a distance of 10 ft, about 7000 lbs. of large "mine-run" block muscovite were recovered. The zone was 7.5 ft by 2 ft, and was on the hanging wall side in the feldspar zone. About 12 crystals, 15 inches x 15 inches wide and 6 inches to 8 inches in thickness were seen, in place, in the face of the drift at that point.

Reserves

Indicated reserves were calculated conservatively for a distance of 30 ft along strike on each end of the drift, to the southwest, and to the northeast. A distance of 20 ft down-dip and 20 ft up-dip was indicated along strike length of 140 feet.

Inferred reserves are estimated the same-down-dip and up-dip, and 60 ft along each strike extension.

An average thickness of 8 ft was used in the calculations.

Indicated Reserves:

140 ft..... indicated strike length
40 ft.....20 ft = height above, 20 ft = depth below present drift.
? 8 ft..... assumed general width of pegmatite

140' x 40' x 8' = 44,800 cu ft pegmatite above and below drift.

? x 60 ft ..... indicated strike extensions (30' each end)
10 ft.....average Height in drift area, and assumed block to be taken out.
8 ft..... average thickness

60' x 10' x 8' = 4,800 cu ft pegmatite on ends of drift

44,800 + 4,800 = 49,600 cu ft pegmatite.

Note: Pegmatite removed from drift under contract was 100' x 10' x 7' or 7000 cu ft., from which 15,000 lbs of "mine-run" block was recovered. 15,000 ÷ 7000 = 2.14 lbs block mica per cu ft of pegmatite.

Therefore: Cu ft pegmatite x 2.14 lbs mica/cu ft = 107,000 lbs of "mine-run"

block mica, which at 5% sheet = 5,350 lbs. of sheet mica. At the average Spruce Pine price of $14/lb. sheet = $74,900 total value.

Deferred Reserves:

140' x 40' x 8' = 44,800 cu ft
120' x 50' x 8' = 48,000 cu ft.
92,800 cu ft

Therefore - mica at 2.14 lb/cu ft peg. = 92,800 x 2.14 = 198,592 lbs of mine-run block mica, which at 5% sheet recovery = 9,930 lbs. at $14/lb the value is $139,020.

Total value of reserves (estimated)	$139,000.00	
	75,000.00	
		$214,000.00

Probable value of production under contract:
15,000 x 5% x $14.00 = $10,500 (estimated).

Conclusions

About 15,000 pounds of "mine-run" block ruby muscovite, generally of large size and excellent quality, was recovered in 100 ft of drifting. Reserves are estimated to be worth $214,000. The probable value of strategic muscovite produced under the contract is about $10,500.

No further exploration is warranted since a sizeable body of excellent mica-bearing pegmatite has been discovered and explored. The Harris Mine is in a good position to be mined economically for several months. It is recommended that the mine be certified as a discovery.

Expenditures:			
	(a)	Total approved	$6500.00
	(b)	Total Spent	6500.00
	(c)	Government share of cost	4875.00
	(d)	Value of production (esti.)	10,500 lbs ?
	(e)	Royalty paid to date	403.14

L. E. Shirley and A.L. Peyton, Mining Eng.
Bureau of Mines

S. C. Bergman & A. R. Taylor,
Geologists, Geological Survey

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1080 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

May 15, 1956

RECEIVED
MAY 16 1956

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Operator's Final Report - Idm-E863, DMEA-3856 (mica)
A. Ward Operator. Harris Mine, Macon County, N. C.

Transmitted are the original and three copies of the subject report, submitted by M. E. Burleson, Superintendent of the subject Mine.

V. J. Lynch

V. J. Lynch

HARRIS MINING COMPANY

P. O. BOX 126

SPRUCE PINE, N. C.

RECEIVED
MAY 16 1956

Operator's Final Report

May 12,1956

U. S. Department
Of The Interior
Room 13, Post Office Bldg.
Knoxville 2, Tenn.

RE: DMEA 3856,
Idm-E863(mica)

Gentlemen:

The writer has been slow in making the final report on the Harris Mine due not to being familiar with the directions and degrees on the work done at the Harris on the loan secured through your office. The foreman has also not been able to give me the directions and degrees but I feel sure you can pick that up from the field men's reports.

We drove a shaft and incline 60½ft and a 10x12 foot drift for 100ft. From the bottom of the incline it was approximately 32ft before we hit vein material. Out of the 68 feet of vein material we recovered approximately 16 tons of block mica. The mica carried considerable stain and at times the mica was warped. Some block were very large but cut up resulting in a good bit of ribbon mica which at times was very good.

The mica produced during the loan averaged about $1200.00 per ton.

The mine is still producing and the quality seems to be improving considerably. At present there is much less stain and wavy mica.

We hope this will be sufficient report for release of the last check due us for footage in amount of $183.75. If further information is needed, we will be glad to give it.

We are enclosing our check for repayment of loan on April sales.

Very truly yours,

Harris Mining Co.

By M. E. Burleson

M. E. Burleson

RECEIVED
MAY 15 1956
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

Oak Ridge, Tennessee

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO. 14-23-070-105

For credit of 428 Br. Troy. Regional Office, Oak Ridge, Tenn. 5/16/56
(Name, title, and disbursing o[illegible]er identification symbol of accountable officer) [illegible]ate sent)

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

$ 276.20

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-F-863 A. Ward (Royalty Payment)	$276.20

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

TRIPLICATE

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

16—59686b-1 GPO

RECEIVED
MAY 16 1956

May 15, 1956

Memorandum

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

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

Subject: Royalty Payment - Idm-8863, DMEA-3856, A. Ward.
Harris Mine, Macon County, N. C. (mica)

Transmitted are bills-of-sale from the subject mine in the amount of $5,524.07, and a check for 5% royalty in the amount of $276.20 to be credited to the subject contract.

V. J. Lynch

ZM.
cc:
Lynch
Shirley
Files
Mittenderf

copy

RECEIVED
MAY 16 1956

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

Authorization No. 1417A Acceptance No. AR 4-1037 Date: 4-12-56

Seller: Harris Mining Co. (A. Ward, Operator)

Mine: Harris DMEA No. 3856, DMEE-863

Macon County, N.C

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				.12	$70.00	8.40
No. 4 and 5				11.18	$40.00	447.20
No. 5½ and 6				48.50	$15.00	727.50
Stained No. 3 and larger		$12.00		.06	$18.00	1.08
No. 4 and 5		$ 5.00		3.17	$ 8.00	25.36
No. 5½ and 6		$ 3.00		65.28	$ 5.00	326.40
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		1.71	$ 6.00	10.26
No. 5½ and 6		$ 2.00		17.54	$ 3.00	52.62
LOT TOTALS		//////			//////	
TOTAL		/////		147.56	/////	1598.82

4-24/56 Sold to: Burleson Mica Co. 248 lbs punch @ 8¢ 19.84
" " " " " 4870 lbs scrap @ 30.00/ton 73.05

Total -- $1691.71

copy

RECEIVED
MAY 16 1956

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

Authorization No. 1417A Acceptance No. AR-4 1012 Date: 4-3-56

Seller: Harris mining Co - (A. ward, operator)

Mine: Harris mine
Macon County, N. C

DMEA No. 3856, DawE-863

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				1.69	$70.00	118.30
No. 4 and 5				12.10	$40.00	484.00
No. 5½ and 6				47.55	$15.00	713.00
Stained No. 3 and larger		$12.00		.37	$18.00	6.66
No. 4 and 5		$ 5.00		4.34	$ 8.00	34.72
No. 5½ and 6		$ 3.00		53.81	$ 5.00	269.05
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		1.12	$ 6.00	6.72
No. 5½ and 6		$ 2.00		12.63	$ 3.00	37.89
LOT TOTALS		//////		133.61	//////	
TOTAL		/////			/////	1670.59

4-4-56: Sold to: Burleson Mica Co. Spruce Pine, N. C.
869 lbs punch @ 8¢ per lb. 69.52

4-20-56: Sold to Burleson Mica Co.
163 lbs. @ 8¢ (punch) 13.00

Total . . . $1753.11

Copy

RECEIVED
MAY 16 1956

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

Authorization No. 1471 A Acceptance No. 1061 Date: 4-1

Seller: Harris Mining Co. (A. Ward, Operator)

Mine: Harris DMEA No. 3856-IdMF-86i

Macon County, N.C.

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				.06	$70.00	4.20
No. 4 and 5				8.52	$40.00	340.80
No. 5½ and 6				56.20	$15.00	843.00
Stained No. 3 and larger		$12.00		.03	$18.00	.54
No. 4 and 5		$ 5.00		2.78	$ 8.00	22.24
No. 5½ and 6		$ 3.00		76.74	$ 5.00	383.70
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		1.75	$ 6.00	10.50
No. 5½ and 6		$ 2.00		9.95	$ 3.00	29.85
LOT TOTALS		//////			//////	
TOTAL		/////		156.03	/////	1634.83

copy

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

DATE: 4-20-56

Acceptance No. BR4-Map #600/ton

Certificate of Authorization No. 187-B

LOT No.

RUBY [X] NON-RUBY [ ]

	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT				
LESS INITIAL PAYMENT	3420.00	12.00	65.00	444.42
AMT DUE Gov [ ] SELLER [ ]				

DMEA- 3856 IDm-E 863 (A. Ward, Operator) 3

Seller: Harris Mining Co

MINE; Harris

Address Box 126

Macon County, N.C.

Spruce Pine, N.C.

RECEIVED
MAY 16 1956

C O P Y

HARRIS MINING COMPANY
P.O. Box 126
Spruce Pine, N. C.

May 12, 1956

U. S. Department
Of The Interior
Room 13, Post Office Bldg.
Knoxville 2, Tenn.

Re: DMEA-3856,
Idm-E863 (mica)

Gentlemen:

The writer has been slow in making the final report on the Harris Mine due not to being familiar with the directions and degrees on the work done at the Harris on the loan secured through your office. The foreman has also ~~xxxx~~ not been able to give me the directions and degrees but I feel sure you can pick that up from the field men'sreports.

We drive a shaft and incline 60 ft and a 10 x 12 foot drift for 100 ft. From the bottom of the incline it was approximately 32 ft before we hit vein material. Out of the 68 feet of vein material we recovered approximately 16 tons ofblock mica. The mica carried considerable stain and at times the mica was warped. Some block were very large but cut up resulting in a good bit of ribbon mica which at times was very good.

The mica produced during the loan averaged about $1200.00 per ton.

The mine is still producing and the quality seems to be improving considerably. At present there is much less stain and wavy mica.

We hope this will be sufficient report for release of the last check due us for footage in amount of $183.75. If further information is needed, we will be glad to give it.

We are enclosing our check for repayment of loan on April sales.

Very truly yours,

HARRIS MINING CO.

By: s/ M. E. Burleson

C O P Y

(Sic) ~~xx~~.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 4 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
APR 25 1956

April 23, 1956

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Amendment No. 1, on DMEA-3856, Idm-E863 (mica) Ward, A. Harris Mine, Macon County, N.C.

Transmitted are three signed copies of the subject amendment. The usual distribution of the other copies has been made.

Robert A. Laurence

Robert A. Laurence

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. 14-23-070-94

$ 403.14

For credit of 428 Br. Tray. Regional Office, Oak Ridge, Tenn. 4/17/56
(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)

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Idm-E-863 A. Ward (Royalty Payment)	403.14

(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)

(Date of credit in Treasurer's account)

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

16—50686b-1 GPO

April 16, 1956

Memorandum

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

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty payment - DMEA-3856, Idm-E863, A. Ward, Franklin, N.C.
Harris Mine, Macon County, N. C. (Harris Mining Co.)

Transmitted are bills-of-sale in the amount of $8063.81, and a royalty check in the amount of $403.14.

Also attached is a copy of a letter to Mr. A. Ward pointing out an error of $1.00 in his addition.

Robert A. Laurence

ZM.
cc:
Lynch
Finance Office
Shirley
Files
Mittendorf

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

RECEIVED
APR 13 1956

April 16, 1956

Mr. A. Ward

Franklin, N. C.

Re: DMEA-3856, Idm-E863-Mica
Harris Mine, Macon County, N. C.
(Royalty)

Dear Mr. Ward:

Today we received your invoices for mica from the subject mine in the amount of $8063.81, and your check for royalty in the amount of $403.14. This will be credited to your account.

We would like to point out that there was an error of $1.00 in the addition of the total sales. When you mail this office another royalty check, please add five cents in order to make the account balance.

Total sales listed by you----	$8062.81
Our total	8063.81

Very truly yours,

Robert A. Lawrence
Executive Officer, DMEA
Region V

EM.
Lynch
Shirley
Files
Finance Office
Mr. Mittendorf

Copy

RECEIVED
APR 13 1956

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

Authorization No. 1417A Acceptance No. 889 Date: 3-1-56

Seller: Harris mining Co. Box 126 - Spruce Pine, N.C
(A. Ward, applicant) Franklin, N.C

Mine: Harris mine DMEA No. 3856-I&ME-863

Macon County, N.C

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				.75	$70.00	52.50
No. 4 and 5				6.21	$40.00	248.40
No. 5½ and 6				23.65	$15.00	354.75
Stained No. 3 and larger		$12.00		.37	$18.00	6.66
No. 4 and 5		$ 5.00		1.30	$ 8.00	10.40
No. 5½ and 6		$ 3.00		30.49	$ 5.00	152.45
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.12	$ 6.00	.72
No. 5½ and 6		$ 2.00		5.68	$ 3.00	17.04
LOT TOTALS		//////		68.57	//////	
TOTAL		/////			/////	842.92

Sold to:
Burleson Mica Co. 3-6-56 - 267 lbs. punch @ 8¢ 21.36
" " " 3-6-56 - 276 lbs. punch @ 8¢ 22.08

$886.36

Copy

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

DATE: 3-30-56

Acceptance No.

Maximum $600 \ Ton

Certificate of Authorization No. 1873

LOT No.

RUBY [X] NON-RUBY [ ]	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT				
~~LESS~~ INITIAL PAYMENT	3365.00	20.00	60.00	740.76
AMT DUE Gov [ ] SELLER [ ]				

DMEA-3856 IDm-E863 (A. Ward, applicant)

Seller: Harris Mining Co

MINE; Harris Mine Address Spruce Pine, N.C

Macon County, N.C

copy

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

Authorization No. 1417A Acceptance No. 990 Date: 3-28-56

Seller: Harris Mining Co (A. Ward, applicant) Franklin, N.

Mine: Harris
Macon, County, N.C

DMEA No. 3856-Idm E 863

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				.12	$70.00	~~8.40~~
No. 4 and 5				10.12	$40.00	404.80
No. 5½ and 6				46.63	$15.00	699.45
Stained No. 3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		5.02	$ 8.00	40.16
No. 5½ and 6		$ 3.00		64.67	$ 5.00	323.35
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		1.92	$ 6.00	11.52
No. 5½ and 6		$ 2.00		8.01	$ 3.00	24.03
LOT TOTALS		//////		136.49	//////	
TOTAL		/////			/////	1511.71

Copy

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

Authorization No. 1417 A Acceptance No. 961 Date: 3-19-56

Seller: Harris Mining Co (A. Ward, Applicant) Franklin, N.

Mine: Harris
Macon County, N. C

DMEA No. 3856, Idm E 863

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				.06	$70.00	4.20
No. 4 and 5				8.25	$40.00	330.00
No. 5½ and 6				34.54	$15.00	818.10
Stained No. 3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		4.01	$ 8.00	32.08
No. 5½ and 6		$ 3.00		58.24	$ 5.00	291.20
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.92	$ 6.00	5.52
No. 5½ and 6		$ 2.00		9.65	$ 3.00	28.95
LOT TOTALS		//////		135.67	//////	
TOTAL		/////			/////	1510.05

Sold To:

Burleson Mica Co. 3-20-56, 123 lbs. punch @ 8¢ 9.84

English Mica Co. 3-30-56, 4850 lbs. scrap @ 30^{00} 72.75

Total $1592.6

copy

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

Authorization No. 1417 A Acceptance No. 945 Date: 3-13-56

Seller: Harris Mining Co (A. Ward, Applicant) Franklin, N. C

Mine: Harris
Macon County, N. C

DMEA No. 3856 - Idw E-863

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger						
No. 4 and 5				3.12	$70.00	218.40
No. 5½ and 6				15.80	$40.00	632.00
Stained				56.37	$15.00	845.55
No. 3 and larger		$12.00				
No. 4 and 5		$ 5.00		.31	$18.00	5.58
No. 5½ and 6		$ 3.00		3.37	$ 8.00	26.96
Heavy Stained				43.62	$ 5.00	218.10
No. 3 & larger		$ 8.00				
No. 4 and 5		$ 4.00			$13.00	
No. 5½ and 6		$ 2.00		1.14	$ 6.00	6.84
LOT TOTALS		//////		10.63	$ 3.00	31.89
TOTAL		//////		134.36	//////	
					//////	1985.32

copy

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

Authorization No. 1417 A Acceptance No. 917 Date: 3-6-56

Seller: Harris Mining Co (A. Ward, Applicant) Franklin, N.C

Mine: Harris Mine, Macon County, N.C. DMEA No. 3856-Idm E 863

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				.06	$70.00	4.20
No. 4 and 5				9.95	$40.00	398.00
No. 5½ and 6					$15.00	609.00
Stained No. 3 and larger		$12.00			$18.00	.54
No. 4 and 5		$ 5.00			$ 8.00	21.92
No. 5½ and 6		$ 3.00			$ 5.00	221.85
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	1.86
No. 5½ and 6		$ 2.00			$ 3.00	24.63
LOT TOTALS		//////			//////	
TOTAL		/////			/////	1282.00

Sold To:

Franklin Products	3-7-56,	2260 lbs scrap @ 30¢	33.90
Pat Buchanan	3-8-56	80 lbs. punch @ 10¢	8.00
Burleson Mica Co.	3-12-56	289 lbs punch @ 8¢	23.12

$1347.02

RECEIVED
APR 1 8 1985

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

RECEIVED
APR 16 1956

April 12, 1956

Mr. A. Ward

Franklin, North Carolina

Re: DMEA-3856, Idm-E863 (Mica)
Harris Mine
Macon County, North Carolina

Dear Mr. Ward:

Enclosed are six copies of an amendment authorizing the verbally-approved change in the contract by which the vertical shaft was sunk 18 feet. Execution of this amendment is necessary in order to approve payment of the final voucher. Please sign all six copies, keep the Operator's Copy, and return all the others to me. The final engineering and geologic report should be submitted as soon as possible. When both the amendment and the final report are received, payment of the final voucher can be approved.

Very truly yours,

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

RAL/mg
Enclosures 6

cc - Operating Committee (3)
Mr. V. J . Lynch
Mr. L. E. Shirley
Files

DOCKET COPY
Surname:

Hopkins
Houk
Selfridge
Jefferson

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

APR 10 1956

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

Re: Docket No. DMEA-3356-Mica
A. Ward
Harris Mine
Macon County, North Carolina
Contract No. Idm-3363

Dear Mr. Lawrence:

Reference is made to the Field Team Memorandum of March 21, 1956 requesting an amendment to extend the 75-foot vertical shaft and for the sinking of an incline a distance of 42 feet on the subject property.

We have prepared and enclose herewith the original and five copies of the requested amendment which have been signed by the Administrator for the Government. Two extra copies are enclosed for the use of the Field Team. If it meets with your approval, please present it to the Operator for approval and signature.

After execution of the amendment, the copies are to be distributed in the usual manner.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JHB)

JHopkins:ms 4/6/56
Copy to: Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Hopkins
Admr. R. File

Approved:

J. W. Pennington
Member, Bureau of Mines (JHB)

N. E. Nelson
Member, Geological Survey (JHB)

Enclosures: 8

R.C.H.

DOCKET COPY
Surname:
Hopkins
Houk
Chambers

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

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

Re: Docket No. DMEA-3856-Mica
A. Ward
Harris Mine
Macon County, North Carolina
Contract No. Idm-8863

Dear Mr. Lawrence:

Reference is made to the Field Team's request for an amendment to extend the 75-foot vertical shaft and for the sinking of an incline a distance of 42 feet on the subject project.

We have prepared and enclose herewith the original and five copies of the requested amendment for your signature. Two extra copies are included for the Field Team. If it meets with your approval, please sign it in behalf of the Government and present it to the Operator for approval and signature.

After execution of the amendment, the copies are to be distributed in the usual manner.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

Enclosures: 8

JHopkins:ms 4/5/56
Copy to: Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Hopkins
Admr. R. File

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
ROOM 1351 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
APR 9 - 1956

April 5, 1956

Mr. A. Ward

Franklin, North Carolina

Re: Contract Idm-3863, DMEA-3856
Harris Mine - Mica
Macon County, North Carolina

Dear Mr. Ward:

We are holding the final voucher, Form MF-104 and 104A, until the final engineering and geological report is received in accordance with Article 6e of the contract.

Please send in this report as soon as possible so that the final voucher may be passed for payment.

Very truly yours,

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

VJL/sm
cc:
Opr. Com.-2
Lynch
Shirley
Files

DOCKET COPY
Surname:

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

March 27, 1956

Memorandum:

To: Mr. Robert Dwyer, Associate Solicitor

From: L. G. Houk, Chief
Nonmetallic Minerals Division

Subject: Preparation of Amendment No. 1 - Docket No. DMEA-3856-Mica
A. Ward
Harris Mine
Mason County, North Carolina
Contract No. Ldn-2063

Please prepare the following amendment to the subject contract effective August 30, 1955:

Exploration Project Contract
A. Ward
Docket No. DMEA-3856

It is agreed the 30th day of March, 1956 between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and A. Ward, that Contract No. 2063(Docket No. DMEA-3856) dated August 30, 1955 is amended as of the date of the Contract (August 30, 1955) as follows:

1. In "Exhibit A" under "Description of the Work", paragraph 1, delete "Extend the 18-foot incline from the 75-foot vertical shaft(shown on Section A-A[1] of attached map) a distance of 60 feet on the pegmatite", and add "Extend the 75-feet vertical shaft(shown on Section A-A[1] of attached map)18 feet and from that point sink an incline a distance of 42 feet to cut the pegmatite".
2. In "Exhibit A" under "Fixed Unit Costs", Item 1, delete "shaft(incline) sinking 60 feet @ $50.00/ft. - $3,000.00", and add "Vertical shaft sinking 18 feet @ $40.00/ft. - $900.00" and "Incline sinking 42 feet @ $50.00/ft. - $2,100.00".

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 contribute, nor the fixed unit cost of any item of work.

James Hopkins
Nonmetallic Minerals Division

JHopkins:ms 3/27/56
Copy to: ✓Docket
Mr. Houk
Mr. Hopkins
Admr. R. File

DOCKET COPY
Surname:

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

Hopkins
Houk
Chambers
Selfridge
Jefferson
Whitenack

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

MAR 23 1956

Re: Docket No. DMEA-3856-Mica
A. Ward
Harris Mica Mine
Macon County, North Carolina
Contract No. I6m-863

Dear Mr. Laurence:

Reference is made to Mr. Houk's telephone conversation during your recent visit to Washington, calling attention to the discrepancy between the Field Team's and the Operator's Interim Reports of the work on the subject contract.

The Operator's Reports indicate the shaft work was performed in strict compliance with that outlined in "Exhibit A", while the Field Team's Reports indicate considerable deviation from the original plan.

If the shaft was not sunk in accordance with the description of the work in "Exhibit A" of the Contract, an amendment providing for a change will be necessary. Otherwise, payment for the work cannot be authorized. Please clarify this discrepancy and advise if an amendment will be required to provide for a change in the project work.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

JHopkins:ms 3/21/56
Copy to: Docket
Operating Committee
Mr. Chambers
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Hopkins
Admr. R. File

Approved:

/s/ Robert W. Geehan
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

R.C.G.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
ROOM 2068 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

March 21, 1956

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: DMEA-3856, Idm-E863 (mica) Harris Mine, Macon County, N. C.
A. Ward, applicant. Request of Amendment to Contract.

In order to get under old workings in the Harris Mine, the Operator was instructed by the field examiners to deepen the existing 75 foot vertical shaft 18 feet before starting an incline to cut the pegmatite.

It will be appreciated if you will prepare an Amendment changing section 1 of Exhibit "A" to read--"Extend the 75-foot vertical shaft 18 feet and from there sink an incline a distance of 42 feet to cut the pegmatite."

V. J. Lynch

V. J. Lynch, Acting
Executive Officer, DMEA
Region V

S. C. Bergman

S. C. Bergman, Geologist
Geological Survey

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MAR 23 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. 14-23-070-86

For credit of 428 Br. Trsy [redacted] egional Office, Oak Ridge, Tenn [redacted] 3/19/56
(Name, title, and disbursing o[redacted]er identification symbol of accountable officer) (Date sent)

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

$ 151.73

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X1401	Idm-E-863 A. Ward (Royalty Payment)	151.73

(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 1 ASH POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
MAR 19 1956

March 16, 1956

Memorandum

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

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty Payment - DMEA-3856, Idm-E863 (mica) A. WARD
Harris Mine - Macon County, N. C.

Transmitted are bills-of-sale from the subject contract in the amount of $3034.57, and a check for 5% royalty on the sales due the Government in the amount of $151.73, to be credited to the subject contract.

Robert A. Laurence
Executive Officer, DMEA
Region V

ZM.
cc:
Lynch
Mittenderf
Shirley
Files

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COPY

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MAR 19 1956

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

Authorization No. 1417A Acceptance No. 807 Date: 2-7-56

Seller: Harris Mining Co. (A. Ward - Spruce Pine)
Box-P26

Mine: Harris DMEA No. 3856, DMEA-863

Macon County, N. C.

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				.06	$70.00	4.20
No. 4 and 5				1.50	$40.00	60.00
No. 5½ and 6				15.63	$15.00	234.45
Stained No. 3 and larger		$12.00		.03	$18.00	.54
No. 4 and 5		$ 5.00		.31	$ 8.00	2.48
No. 5½ and 6		$ 3.00		17.65	$ 5.00	88.25
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.31	$ 6.00	1.86
No. 5½ and 6		$ 2.00		5.97	$ 3.00	17.91
LOT TOTALS		//////			//////	
TOTAL		/////		41.46	/////	409.69

copy

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MAR 19 1956

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

Authorization No. 1417A Acceptance No. 828 Date: 2-14-56

Seller: Harris mining Co. (a. Ward, Franklin, N.C.)

Mine: Harris DMEA No. 3856-Idw E 863

Macon County, N.C.

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				.37	$70.00	25.90
No. 4 and 5				7.75	$40.00	310.00
No. 5½ and 6				32.59	$15.00	488.85
Stained No. 3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		.76	$ 8.00	6.08
No. 5½ and 6		$ 3.00		34.27	$ 5.00	171.35
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.44	$ 6.00	2.64
No. 5½ and 6		$ 2.00		4.45	$ 3.00	13.35
LOT TOTALS		//////			//////	
TOTAL		/////		80.63	/////	1018.17

2-11-56: Sold to English Mica Co. 2270 lbs @ $30/Ton 34.05
(2270 lbs = 1.135 Tons x 30.00/Ton = 34.05)

$1052.22

Copy

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MAR 19 1956

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

Authorization No. 1417A Acceptance No. 858 Date: 2-20-56

Seller: Harris Mining Co. (A. Ward, Applicant) Franklin, N.C

Mine: Harris DMEA No. 3856, Idw E. 863

Macon County, N.C (mica)

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger					$70.00	
No. 4 and 5				5.21	$40.00	208.40
No. 5½ and 6				28.03	$15.00	420.45
Stained No. 3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		1.13	$ 8.00	9.04
No. 5½ and 6		$ 3.00		27.64	$ 5.00	138.20
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.71	$ 6.00	4.26
No. 5½ and 6		$ 2.00		4.58	$ 3.00	13.74
LOT TOTALS		//////			//////	
TOTAL		/////		67.30	/////	794.09

Feb. 11, 1956. Sold to James Carpenter: 809 lbs. punch @ 8¢ 64.72
Feb. 21, 1956. " " : 194 lbs. " @ 8¢ 15.72

$ 874.53

Copy

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MAR 19 1956

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

Authorization No. 141 7A Acceptance No. 792 Date: 2-1-56

Seller: Harris Mining Co. (A. Ward - Franklin, N.C.)

Mine: Harris DMEA No. 3856-9dm.E-863

Macon County, N. C.

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				.03	$70.00	2.10
No. 4 and 5				2.52	$40.00	100.80
No. 5½ and 6				28.20	$15.00	423.00
Stained No. 3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		.98	$ 8.00	7.84
No. 5½ and 6		$ 3.00		29.05	$ 5.00	145.25
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00		6.38	$ 3.00	19.14
LOT TOTALS		//////			//////	
TOTAL		/////		67.16	/////	698.13

INTERIM REPORT

DMEA-3856, Idm-E863, HARRIS MINE
(mica)

Operator: A. Ward, Franklin, North Carolina

Location: 2.4 airline miles N 49° W of Franklin, Macon County, N. C.

Progress for the past two weeks is 9 feet of drift (8 x 12 ft) making a total of 107 feet. This completes the contract which was 100-feet of drift. The heading discloses a pegmatite 8 feet wide with a 5 foot quartz core. Blocks of mica up to 12 inches were noted in the face on either side of the quartz core. The last 9 feet has produced 4000 lbs. of mica. Total mica production for the contract is about 15,000 pounds.

The Operator plans to continue production, also develop the downward extension of the pegmatite.

Inspected: March 2, 1956.

A. L. Peyton
A. L. Peyton, Mining Engineer
Mining Engineer

A. R. Taylor
A. R. Taylor, Geologist
Geological Survey

z

RECEIVED
MAY 21 1956

P. O. Box 217
May 18, 1956

Memorandum

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

From: Administrative Assistant, Electrotechnical Experiment Station, Bureau of Mines, Region V, Norris, Tennessee

Subject: Monthly reports and vouchers

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

Idm-E-863 A. Ward
Docket No. DMEA-3856
6th and final payment - month of February
Completion Date: 2/10/56
Amount $183.75

Idm-E-902 Stevenson Mine
Docket No. DMEA-3908
3rd payment - month of April
Amount $261.50

Helen R. Miller

Attachments
/hbm
Copies to R. A. Laurence
V. J. Lynch
Norris files
Day files

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS X-

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED MAY 21 1956

Month of Feb, 1956 Docket No. DMEA 3856 Contract No. IdmE 863
Operator's Name A. WARD Minerals Mica
Address Franklin, N.C.
Contract Amount, $ 6,500.00 Government Participation: 75% Amount, $ 4,875.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	245.00	3255.00	3500.00			
Inclined Shaft		3000.00	3000.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$245.00	$6,255.00	$6,500.00	245.00	6255.00	6500.00

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

Date 3/20/56 *Payee A. WARD

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 183.75

Signature Helen R. Meller (Authorized Certifying Officer)

Date MAY 28 1956 Vou. No. _____

(See other side)

61.25

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E863 in accordance with the terms of the contract.

Signature [illegible] Title Mining Engr. USBM Date MAR 15 1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] ACTING Title EXECUTIVE OFFICER DMEA REGION V Date MAR 15 1956

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
MAY 21 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Feb 1956 Docket No. DMEA 3856 Contract No. IdmE 863
Operator's Name A. WARD Minerals Mica
Address Franklin, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	FT	245.00	7	3,500.00	100	35.00	100	35.00
Crosscutting								
Raising								
Shafts Inclined	FT			3,000.00	60	50.00	60	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		245.00		6,500.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		245.00		6,500.00				

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

Date 3/10/56 Operator A. WARD

Per ..... Title .....

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)

W. J. Lynch
Bureau of Mines
3-12-56.

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
MAY 21 1956

Month of: Feb. 1956 DMEA No. 3856
Idm-E 863

Date work began Sept. 12, 1955

Work Accomplished:
Continued work on drift, drilling, blasting and mucking out for a total of 7 feet finishing out the Contract.

Daily Notes:
Feb 6, Drilled, blasted and mucked out.

Feb 7, Drilled, blasted, and mucked out, and found some mica.

Feb 8-9 Drilled, blasted, and mucked out.

Feb 10. Drilled, blasted, and mucked out measured up and found that the Contract had been Completed.

E-863

For Certificate of Deposit No. 76, dated February 14, 1956, giving royalty repayment of $80.70, see E-410.

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

RECEIVED
FEB 27 1956

February 23, 1956

Memorandum

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

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

Subject: Bill-of-Sales: DMEA-3856, Idm-E863, A. Ward, Franklin, N.C.

Attached are copies of the bill-of-sales for which a check was sent you on February 13, in the amount of $80.70. The royalty payment to be credited to the subject contract.

V. J. Lynch

VJL
cc:
Mittendorf
Lynch
Files

copy

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FEB 27 1956

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

Authorization No. _____ Acceptance No. 5 PAR 733 Date: 1-16-56

Seller: Included in Lot Sold by - Hawkins Mining Co

Mine: Harris Mine DMEA No. _____

Macon County, N.C.

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger					$70.00	
No. 4 and 5				5.23	$40.00	209.20
No. 5½ and 6				17.56	$15.00	263.40
Stained No. 3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		1.71	$ 8.00	13.68
No. 5½ and 6		$ 3.00		33.56	$ 5.00	167.80
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.37	$ 6.00	2.22
No. 5½ and 6		$ 2.00		5.63	$ 3.00	16.89
LOT TOTALS		//////			//////	
TOTAL		/////		64.06	/////	673.19

copy

RECEIVED
FEB 27 1956

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

Authorization No. 1417A Acceptance No. 759 Date: 1-23-56

Seller: Harris mining Co. (A. Ward, Contractor)

Mine: Harris DMEA No. 3856, Dawt 863

Macon County, N.C Mica

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger				1.03	$70.00	72.10
No. 4 and 5				9.79	$40.00	391.60
No. 5½ and 6				26.28	$15.00	400.20
Stained No. 3 and larger		$12.00		.12	$18.00	2.16
No. 4 and 5		$ 5.00		4.27	$ 8.00	34.16
No. 5½ and 6		$ 3.00		21.50	$ 5.00	107.50
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.50	$ 6.00	3.00
No. 5½ and 6		$ 2.00		2.86	$ 3.00	8.58
LOT TOTALS		//////			//////	
TOTAL		//////			//////	1019.30

(Sold by M.E. Burelson Partner)

RECEIVED
FEB 27 1956

INTERIM REPORT

DMEA-3856, Idm-E863 (mica) HARRIS MINE
(Charlie Grindstaff Mine) mica

Operator: A. Ward, Franklin, North Carolina

Location: 2.4 airline miles N. 49° W of Franklin, Macon County, N. C.

Progress for the past two weeks is 5 feet, making a total of 98 feet of drift. The slow rate of advance is necessary in order to protect the mica which is abundant. The Operator recovered 3000 lbs of muscovite from the last 5 feet, some books will measure 12" in diameter.

The pegmatite at 98 feet is 8 feet wide with a 5-foot quartz core. A 3-inch burr zone occurs between the feldspar and horndlende gneiss along the hanging wall. Only two feet of drift remain in the contract which should be finished by the next visit.

The project is being operated in a satisfactory manner.

Inspected: February 17, 1956.

A. L. Peyton
A. L. Peyton, Mining Engineer
Bureau of Mines

S. C. Bergman
S. C. Bergman and A. R. Taylor, Geologists
Geological Survey

z

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

RECEIVED
FEB 1 1956

February 13, 1956

Memorandum

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

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

Subject: Royalty payment on DMEA-3856, Idm-2863 (mica)
A. Ward, Franklin, N. C. Harris Mine, Macon County, N. C.

Transmitted is a statement from Mr. M. E. Burleson for sales of mica made from the subject mine, and a check for $80.70 for royalty on $$1614.11 amount of the sales.

Copies of the sales slips has been requested from Mr. Burleson and A. Ward.

Robert A. Laurence

ZM.
cc:
Lynch
Shirley
Files
Mittendorf

INTERIM REPORT

On

RECEIVED
FEB - 9 1956

DMEA-3856, Idm-8863 (mica) HARRIS (Charlie Grindstaff) MINE

Operator: A. Ward, Franklin, North Carolina

Location: 2.4 airline miles N 49° W of Franklin, Macon County, N. C.

Drifting from the bottom of the inclined shaft now totals 93 ft, (29 ft from inclined shaft bottom N 20 W, then 19 ft N 10° W; from the 29 ft point drift trends N 70° W - S 80° W for 45 ft).

Progress has been slow because of the abundance of large sized muscovite books. About 5 ft of drift has been made during the past two weeks due to the slowness of getting the mica out intact, and also because of the illness of the foreman.

The foreman states that 3500 pounds of good, large, clear ruby block mica was recovered from the 5 ft advancement.

A section along the heading at the 74 ft point shows a zoned pegmatite with a massive (4 - 5 ft thick) quartz core and a 2 - 3 ft thickness of soda-feldspar with large (1 ft) inclusions of K-feldspar on both the hanging and footwalls. A noticeable burr zone 3 - 4 inches in thickness lies between the feldspar and the wall zone of the gneiss country rock.

The pegmatite widens from 6 ft in thickness at the top of the heading to 9 ft at the bottom.

Blocks of clear, ruby, flat, 15" x 15" x 6" muscovite, exhibiting nearly perfect pseudo-hexagonal crystal outline make up a thick zone 7 1/2 ft

long and 2 ft wide on the present footwall of the pegmatite. Some groups of mica books exist in the overhead at the face, and smaller books lie near the hanging wall of the pegmatite in the feldspar zone.

The strike and dip of the pegmatite's hanging wall is N 76° E, 80° N.W., while that of the footwall is N. 65° E, 60 N. W.

The Operator was advised to drive the remaining 7 ft of drift along the present contact. Progress is satisfactory.

February 3, 1956.

A. R. Taylor, Geologist
Geological Survey

z

P. O. Box 217
February 20, 1956

Mr. Jay L. Chambers
Defense Minerals Exploration Administration
Interior Building
Washington 25, D. C.

Dear Mr. Chambers:

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

Idm-E-863 A. Ward
Docket No. DMEA-3856
5th payment - month of January
Amount $603.75

Idm-E-876 Shaffer Mining Company, Inc.
Docket No. DMEA-3904
4th payment - month of January
Amount $735.00

Very truly yours,

Helen R. Miller
Administrative Assistant

Enclosures
/hbm
Copies to V. J. Lynch
R. A. Laurence
Reg. V, Morris files
Day files

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

Budget Bureau No. 42-R1036.5

RECEIVED
FEB 16 1956

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

Month of Jan 1956 Docket No. DMEA 3856 Contract No. IdmE 863
Operator's Name A. WARD Minerals
Address Franklin, N.C.
Contract Amount, $ 6,500.00 Government Participation: 75% Amount, $ 4,875.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	805.00	2,450.00	3,255.00			
Inclined Shaft		3,000.00	3,000.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	805.00	5,450.00	6,255.00	805.00	5450.00	6255.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 2/9/56 *Payee A. WARD

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 603.75

Signature Helen R. Miller
(Authorized Certifying Officer)

Date FEB 20 1956 Vou. No. _____
(See other side)

201.25

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E863 in accordance with the terms of the contract.

Signature [illegible] Title Mining Eng. Date 2/13/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date FEB 13 1956

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
FEB 16 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Jan 1956 Docket No. DMEA 3856 Contract No. IdmE 863
Operator's Name A. WARD Minerals Mica
Address Franklin, N.C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Ft.	805.00	23	3,255.00	93	35.00	100	35.00
Crosscutting								
Raising								
Shafts Inclined	Ft			3,000.00	60	50.00	60	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		805.00		6,255.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		805.00		6,255.00				

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

Date 2/9/56 Operator A. WARD

Per Title

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)

Footage corrected in December. WJ.

~~The drift was advanced 16 feet during January making a total of 93 feet as reported above under "Units to date". The 23 feet shown under "Units this month" is incorrect; it should be 16 feet~~ WJ.

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
FEB 13 1956

Month of: Jan. 1956 DMEA No. 3856
IdME-863
Date Work Began: Sept. 12, 1955

Work Accomplished:

Worked on drift drilling, blasting, and mucking out one round each day until compressor broke down. Work has been suspended until parts are ordered and repairs made. a total of 23 ft was made for the month.

Daily Notes

Jan 2-6 Drilled, blasted, and mucked out one round each day.

Jan 9-13 - Drilled, blasted, and mucked out one round each day.

Jan. 16-19 Drilled, blasted, and mucked out each day.

Jan. 20, Started to drill and compressor broke down and work had to be stopped.

3856

Date 1:30

Forwarded to:

1. ~~[illegible]~~
2. ~~[illegible]~~
3. ~~[illegible]~~
4. ~~Director Control Mails and Files~~
5. ~~Alien Registration~~ Division
6. Director Control Mails and Files

Comments in report regarding:

1.

2.

3.

4.

Please take appropriate action.

- - - - - -

Action taken by Division:

None

Progress is satisfactory because extreme care must be made to keep from destroying mail

Jas. H

Initials

RECEIVED
JAN 30 1956

INTERIM REPORT

DMEA-3856, Idm-E863 (mica) HARRIS (CHARLIE GRINDSTAFF) MINE

OPERATOR: A. Ward, Franklin, N.C.

LOCATION: 2.4 airline miles N49°W of Franklin, Macon Co., N. C.

Drifting continues to the northwest on this contract and now totals 88 feet. The N70°W drift has been extended 12 feet in the past two work weeks. (1) Progress has been necessarily slow because of mica production. This 12 feet of advance has yielded approximately 4,000 pounds of "mine-run" block mica. Largest blocks observed were 14" x 12" x 12" thick and weighed up to 60 pounds. Some of the mica contained a green-mottled stain and was bent along the imperfectly developed hexagonal faces. The mica is being processed at the mine for later sale to the GSA Depot, Spruce Pine, N. C., and considerable $70.00 and $40.00 per pound sizes of mica has been trimmed. Material encountered in last work is pegmatite containing a 5 to 7 foot quartz core, flanked by feldspar-mica-quartz zones 2 to 2.5 feet thick. A contact with country rock has been intercepted near the present face that strikes N85°E and dips 45 - 60° NW. The Operator was advised to follow this contact for the remaining 12 feet of drift to be driven under contract. (2) Progress on this contract is satisfactory.

(1) (2) If progress is slow how can it be satisfactory?

L. E. Shirley

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

S. C. Bergman

S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

January 20, 1956

RECEIVED
JAN 13 1956

INTERIM REPORT

DMEA-3856, Idm-E863 (mica) HARRIS (CHARLIE GRINDSTAFF MINE)

OPERATOR: A. Ward, Franklin, N. C.

LOCATION: 2.4 airline miles N49°W of Franklin, Macon Co., N. C.

Drifting continues to the northwest on this contract and now totals 76 feet. A drift advance of 7.5 feet has been made during the current week. The mine was idle approximately two weeks previously because of hoist failure. A new hoist has been purchased and work has resumed.

The present drift face is about 10 feet wide and shows a quartz core about 5 feet thick flanked by feldspathic-mica zones about 2.5 feet thick. Several large blocks of mica could be observed in place in both zones and considerable mica has been recovered in last 7.5 feet of drift. The operator estimates about 1600 pounds of "mine-run" block on hand. A recent sale of 92 pounds of processed mica, stained grades only, to the G.S.A. Depot, Spruce Pine, N. C., averaged $7.00 per pound.

Roy

The Operator was advised to continue the drift to the northwest until another visit can be made.

L. E. Shirley

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

S. C. Bergman

S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

January 6, 1956

P. O. Box 217
January 18, 1956

Memorandum

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

From: Administrative Assistant, Electrotechnical Experiment Station, Norris, Tennessee

Subject: Monthly reports and vouchers

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

Idm-F-863 A. Ward
Docket No. DMEA-3856
4th payment - month of December
Amount $682.50

Idm-F-872 Howard Smith
Docket No. DMEA-3930
2nd payment - month of December
Amount $956.25

Helen R. Miller

Attachments
/hbm
Copies to R. A. Laurence
V. J. Lynch
Norris files
Day files

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

Budget Bureau No. 42-R1036.5

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

RECEIVED
JAN 20 1956

Month of Dec., 1955 Docket No. DMEA 3856 Contract No. Idn. E-863
Operator's Name A. WARD Minerals Mica
Address Franklin, N.C.
Contract Amount, $ 6,500.00 Government Participation: 75%. Amount, $ 4,875.00

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 36 feet	910.00	1,785.00	2,695.00	910.00	1540.00	2450.00
Inclined Shaft			3,000.00		3000.00	3000.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$910.00		$5,695.00	910.00	4540.00	5450.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 1/11/56 *Payee A. WARD

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 682.50

Signature Helen R. Miller
(Authorized Certifying Officer)

Date _____ Vou. No. _____
(See other side)

22750

(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. E-863 in accordance with the terms of the contract.

Signature [illegible] Title Mining Eng. Date 1-17-56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title EXECUTIVE OFFICER DMEA REGION V Date JAN 17 1956

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JAN 30 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Dec 1955 Docket No. DMEA 3856 Contract No. Idm E-863
Operator's Name A. WARD Minerals Mica
Address Franklin, N.C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Ft	910.00	26	2695.00	77	35.00	100	35.00
Crosscutting								
Raising								
Shafts Incline	Ft.			3,000.00	60	50.00	60	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$910.00		$5,695.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$910.00		$5,695.00				

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

Date 1/11/56 Operator A. WARD

Per ..... Title .....

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)

Remarks:

(For Government use only)

Totals connected on MF-104

N. J. Lynch
Bureau of Mines
1-17-56

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
JAN 30 1956

Month of Dec. 1955 DMEA No 3856
IdmE-863

Date work began Sept. 12, 1955

Work Accomplished:

Continued work on drift, drilling, and blasting one round and mucking out each day, until hoist broke down, work on drift had to be discontinued for two weeks until new hoist was put in then continued work on drift, making a total of 26 ft for the month.

Daily Notes:

Dec. 1-2. Drilled, blasted, and mucked out one round each day.
Dec 5-9 Drilled, blasted, and mucked out one round each day.
Dec 12 — Hoist broke down and had to discontinue work until new hoist was put in.
Dec. 22 - Set in new hoist.
Dec 27-30 Drilled, blasted, and mucked out one round each day.

RECEIVED
DEC 27 1955

INTERIM REPORT

DMEA-3856, Idm-E863 (mica) HARRIS(Charlie Grindstaff) MINE

Operator: A. Ward, Franklin, North Carolina

Location: 2.4 airline miles N. 49° W of Franklin, Macon County, N. C.

Drifting continues on this contract and now totals 68.5 feet; 29 feet have been driven N. 30° W, 20.5 feet have been driven N. 70° W, and 19 feet have been driven N. 10° W. The two latter drifts form the arms of a "Y" connected to the original drift. Between these arms material is principally quartz core. The N. 10°W drift has intercepted a biotite gneiss wall in the present head and the contact strikes N 60° E and dips 65° NW. The N. 70° W arm has followed biotite gneiss near the floor area and the heading is composed of quartz core with an occasional large block of mica. The mica is badly ruled and contains some fine black spots. The Operator was advised to continue the N. 70° W heading until another visit can be made.

Progress on this contract is satisfactory.

Inspected: December 15, 1955.

L. E. Shirley

L. E. Shirley, Mining Engineer
Bureau of Mines

and

SCB

S. C. Bergman and A. R. Taylor, Geologists
Geological Survey

z

RECEIVED
DEC 19 1955

INTERIM REPORT

DMEA-3856, Idm-E863 (mica) HARRIS (CHARLIE GRINDSTAFF) MINE

OPERATOR: A. Ward, Franklin, N. C.

LOCATION: 2.4 airline miles N49°W of Franklin, Macon Co., N. C.

Drifting continues on this contract and now totals 44 feet; 29 feet have been driven N30°W, and 15 feet have been driven N20°E. The body is about 12 feet wide in the present face and exhibits a quartz core about 8 feet wide of a sugary, granular texture. On the footwall side the core is flanked by a zone of scrap-sized mica. This zone had been followed along the footwall and was responsible for the drift turn. The operator was advised to make a gradual turn, return to the hanging wall contact and continue the drift. Progress on this contract is satisfactory.

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

S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

December 2, 1955

RECEIVED
DEC 16 1955

P. O. Box 217
December 13, 1955

Memorandum

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

From: Administrative Assistant, Electrotechnical Experiment Station, Region V, Morris, Tennessee

Subject: Monthly reports and vouchers

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

Idm-F-863 — A. Ward
Docket No. DMEA-3856
3rd payment - month of November
Amount $997.50

Idm-E-876 — Shaffer Mining Company, Inc.
Docket No. DMEA-3904
2nd payment - month of November
Amount $810.00

Helen R. Miller

Attachments
/hhm
Copies to R. A. Laurence
V. J. Lynch
Morris files
Day files

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
DEC 16 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Nov, 1955 Docket No. DMEA 3856 Contract No. Idm-E 863
Operator's Name A. WARD Minerals Mica
Address Franklin, N.C.
Contract Amount, $ 6,500.00 Government Participation: 75% Amount, $ 4,875.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	1575.00	210.00	1785.00	1330.00	210.00	1540.00
Inclined Shaft			3000.00		3000.00	3000.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1575.00		4,785.00	1330.00	3210.00	4540.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 12/5/55 *Payee A. WARD

Per _____ Title _____

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 997.50

Signature Helen R. Miller
(Authorized Certifying Officer)

Date DEC 13 1955 Vou. No. _____
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tdm-E863 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Dec. 9, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date DEC 12 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
DEC 16 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Nov 1955 Docket No. DMEA 3856 Contract No. IdmE-863
Operator's Name A-WARD Minerals Mica
Address Franklin, N.C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Ft	1575.00	45	1785.00	51	35.00	100	35.00
Crosscutting								
Raising								
Shafts Incline	Ft			3000.00	60	50.00	60	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1575.00		4785.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1575.00		4785.00				

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

Date 12/5/55 Operator A-WARD

Per ..... Title .....

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)

Remarks:

(For Government use only)

Total drift footage is 44 feet and includes 6 feet claimed during month of October.
L.E. Shirley
Mining Engr. U.S.B.M.

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
DEC 16 1955

Month of Nov, 1955 DMEA No. 3856
Idm-E 863
Date work began: Sept 12, 1955

Work Accomplished;
Continued driving drift in pegmatite shooting one round and mucking out each day for a total of 45 ft. for the month.

Daily Notes;
Nov. 1-4 Drilled + mucked out one round each day.
Nov. 7-11 - Drilled + mucked out one round each day.
Nov. 14-18 - Drilled + mucked out one round each day except on Friday and only mucked & cleaned up.
Nov 21-25 - Drilled + mucked out one round each day.
Nov. 28-30 Drilled + mucked out one round each day

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

RECEIVED
DEC 16 1955

December 13, 1955

Mr. A. Ward

Franklin, North Carolina

Re: DMEA-3856, Idm-8863 (mica)
Harris Mine
November Voucher

Dear Mr. Ward:

Your November voucher is being forwarded for payment of $997.50 which is 75% of $1330.00. It was necessary to deduct 7 feet from the total of 45 feet claimed for drifting. On December 2, our Field Team measured a total drift length of 44 feet. Six feet of which were paid for in October. This leaves 38 feet for November.

Please correct your copy to show totals of: $1330.00; $3210.00 and $4540.00.

Very truly yours,

Robert A. Laurence
Executive Officer, DMEA
Region V

RAL/sm
cc:
Finance Office
Lynch
Shirley

Files

RECEIVED
NOV 28 1955

INTERIM REPORT

DMEA-3856, Idm-E863 (mica) HARRIS (CHARLIE GRINDSTAFF) MINE

OPERATOR: A. Ward, Franklin, N. C.

LOCATION: 2.4 airline miles N49°W of Franklin, Macon Co., N. C.

Drifting continues on this contract and now totals ~~302~~ 32' SCB feet. The drift is following a thickening pegmatite body that now contains a quartz core 3 to 6 feet thick. Most of the mica observed in place was adjacent to this core, and one large book or crystal exposed after recent blasting measured 12 inches x 14 inches with an undetermined thickness. The operator was advised to continue the drift in the present N20°W direction until another visit can be made. Progress on this contract is satisfactory.

L. E. Shirley by E. R.

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

S.C. Bergman A R. Taylor

S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

November 18, 1955

INTERIM REPORT

DMEA-3856, Idm-E863 (mica) HARRIS (CHARLIE GRINDSTAFF) MINE

OPERATOR: A. Ward, Franklin, North Carolina

LOCATION: 2.4 airline miles N49°W of Franklin, Macon Co., N. C.

Inclined shaft sinking has been completed on this contract, and combined with the first 18 feet of vertical shaft, now totals 60 feet. Forty-two feet were driven on an incline in a N60°E direction, and a drift has been driven N20°W for a distance of 14.5 feet. This northwest drift has exposed pegmatite on the southwest wall for about 12 feet and has followed the contact which strikes northwest and is near vertical for this distance. Pegmatite encountered in the head of the N60°E incline averages about 4.5 feet in thickness and does not appear to be the same body that was mined from the 75 foot level. The operator was advised to concentrate his efforts on the northwest drift and crosscut the body from the present head before starting actual drifting along the strike. Progress on this contract is satisfactory.

L. E. Shirley

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

K. H. Teague S. C. Bergman A. R. Taylor

K. H. Teague, S. C. Bergman, and A. R. Taylor
Geologists
U. S. Geological Survey

November 4, 1955

RECEIVED
NOV 14 1955

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Oct. 1955 Docket No. DMEA 3856 Contract No. IDM-E863
Operator's Name A. WARD Minerals Mica
Address Franklin, N.C.
Contract Amount, $ 6,500.00 Government Participation: 75% Amount, $ 4,875.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	210.00	—	210.00			
Inclined Shaft	1750.00	1250.00	3,000.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1,960.00		$3,210.00	1960.00	1250.00	3210.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 11/3/55 *Payee A. WARD

Per _____ Title _____

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

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

2 (Instructions on reverse)

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

$ 1470.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date NOV 1955 Vou. No. 31
(See other side)

490.00

(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. 863 in accordance with the terms of the contract.

Signature [illegible] Title Mining Eng. Date 11/4/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date NOV 7 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Oct 1955 Docket No. DMEA 3856 Contract No. Idm-E 863
Operator's Name A. WARD Minerals mica
Address Franklin, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft	210.00	6	210.00	6	35.00	100	35.00
Crosscutting								
Raising								
Shafts Inclined	Ft	1750.00	35	3,000.00	60	50.00	60	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1960.00		3,210.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1960.00		$3,210.00				

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

Date 11/3/55 Operator A. WARD

Per ..... Title .....

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)

V. J. Lynch
Mining Eng.
Bureau of Mines

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
NOV - 5 1955

Month of Oct. 1955 DMEA No. 3856
Idm-E 863

Work Accomplished: Date work began: Sept. 12, 1953

Continued sinking inclined shaft, shooting one round and mucking out each day for a total of 35 ft of shaft. Then started a drift shooting & mucking out a total of 6 ft. The shaft & drift are in the pegmatite.

Daily Notes:

Oct. 3-7 The work for the week was about the same each day. Drilling & blasting & mucking out.

Oct. 10 - put in ladders in shaft. Drilled & blasted one round.

Oct 11-14 - Drilled & blasted one round & mucked out each day.

Oct 17-21 Drilled & blasted one round & mucked out each day, putting in ladders as needed.

Oct. 24-26 Drilled & blasted one round each day & mucked out, finishing shaft.

Oct 27-28-31 Started drift drilling & blasting one round each day & mucked out.

RECEIVED
OCT 28 1955

INTERIM REPORT

DMEA-3856, Idm-E863 (mica) HARRIS (CHARLIE GRINDSTAFF) MINE

OPERATOR: A. Ward, Franklin, N. C.

LOCATION: 2.4 airline miles N49°W of Franklin, Macon Co., N. C.

Inclined shaft sinking continues on this contract, and coupled with the 18-foot vertical portion, now totals 49 feet of shaft. Pegmatite was encountered at 28 feet from the vertical shaft, and 3 feet along the foot wall contact was exposed. The body strikes N80°E and dips 55° NW; the portion exposed is primarily feldspathic and contains small mica. The operator was advised to turn the incline in order to crosscut the body, before attempting any level work. Eleven feet of incline remains to be driven.

The operator was advised to continue scaling after shooting and to extend a ladderway to the bottom of the vertical portion of the shaft. 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, S. C. Bergman, and A. R. Taylor
Geologists, U. S. Geological Survey

October 21, 1955

INTERIM REPORT

DTSA-2056, Mica-2063 (mica) HARRIS (CHARLIE CROWDSTAFF) MINE

RECEIVED
OCT 17 1955

OPERATOR: A. Ford, Franklin, N. C.

LOCATION: 2.4 airline miles N49°W of Franklin, Macon Co., N. C.

Shaft sinking continues on this contract, and 2½ feet of new work has been completed to date. The existing vertical portion of the shaft has been deepened from 75 feet to 93 feet, and at this point, the operator began inclining the shaft in the northeast corner. Six feet of incline has been completed, and this work will continue until pegmatite has been encountered. The operator was advised to scale loose rock on the walls of the shaft that have not been timbered. 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, Geologist
U. S. Geological Survey

October 7, 1955

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Sept, 1955 Docket No. DMEA 3856 Contract No. Idm-E863
Operator's Name A. Ward Minerals Mica
Address Franklin, N.C.
Contract Amount, $ 6,500.00 Government Participation 75% Amount, $ 4875.00

RECEIVED OCT 13 1955

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						
Sinking Shaft (incline)	$1250.00		$1250.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1250.00		$1250.00	1250.00		1250.00

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

Date 10/7/55 *Payee A. WARD

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 937.50

Signature Helen R. Miller
(Authorized Certifying Officer)

Date OC Vou. No. 30
(See other side)

1 9/12

312.56

(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. E863 in accordance with the terms of the contract.

Signature Keyton H. Teague Title Geologist, U.S.G.S. Date 10/10/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title DMEA EXECUTIVE OFFICER REGION V Date OCT 10 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
OCT 13 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Sept 195 5 Docket No. DMEA 3857 Contract No. Idm-E 863
Operator's Name A Ward Minerals Mica
Address Franklin, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts sinking (Incline)	FT	1250 00	25	1250 00	25	50 00	60	50 00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1250 00		$1250 00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1250 00		$1250 00				

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

Date 10/7/55 Operator A. WARD

Per ..... Title .....

REMARKS:

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

(Instructions on reverse)

(For Government use only) Keyton H. Teague, Geologist

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
OCT 13 1955

Month of Sept. 1955
DMEA No. 3856
IdM-E 863
Date work began - Sept. 12, 1955
Work accomplished:

Started drilling in bottom of already existing inclined shaft and shot one round. Water began to seep in and had to set in small pump. Then proceeded to drill, blast, and muck out, for a total of 25 ft. All work was done in pegmatite.

Daily notes:
Sept 12. Drilled in bottom of inclined shaft.
Sept 13 - Loaded + shot 37 holes.
Sept. 14 - Too much water seepage to allow work. Ordered pump + discontinued work until pump arrived.
Sept. 19. Pump arrived.
Sept. 20. Set pump and pumped out water and started to muck out.
Sept 21-22 - Mucked out shaft.
Sept 23 Drilled + blasted 28 holes.
Sept 26-30 - Mucked out. Drilled blasted and mucked. Work about the same each day for week.

INTERIM REPORT

DMEA-3656, Idn-E863 (mica) HARRIS (CHARLIE GRINDSTAFF) MINE

OPERATOR: A. Ward, Franklin, North Carolina

LOCATION: 2.4 airline miles N49°W of Franklin, Macon Co., North Carolina

Shaft sinking is underway on this contract from the existing 75-foot shaft, and is now at 78.5 feet with an estimated additional 6 feet of muck in the bottom. The operator was advised to continue sinking vertically for a distance before starting to incline in the direction of the body, which would place the new incline work considerably under the old existing incline.

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

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

K. H. Teague

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

September 23, 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1087 OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
SEP 26 1955

September 22, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region V

Subject: Signed Contract - Idm-E863, DMEA-3856 (mica) A. Ward.

Transmitted are three signed copies of the subject contract, also attached to each copy is form MF-203, Owner's Consent to Lien, initialed by Mr. Lake V. Shepe and a copy of the land description attached which is exhibit "B" of the Consent to Lien.

The usual distribution of the other copies has been made by this office.

V. J. Lynch

V. J. Lynch

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

RECEIVED
SEP 1 2 1955

September 7, 1955

Mr. A. Ward

Franklin, N. C.

Re: DMEA-3856 (mica)
Harris (Chas. Grindstaff Mine)
Macon County, N. C.

Dear Mr. Ward:

We are prepared to present a contract for your signature, providing for shaft-sinking and level work (total amount, $6500.00) at the Harris Mine.

However, before the contract can be signed, it will be necessary to have the Consent to Lien corrected. Please note that the Consent to Lien states, "See Exhibit B", but there is no exhibit B to the Consent. It is assumed that this refers to Exhibit B of your application.

Therefore, will you please insert, in place of "See Exhibit B", a correct description of the land on all copies and have this initialed, in ink, by the lessor, Lake V. Sharpe. If you prefer, a description may be attached as exhibit B, and the Consent to Lien altered to read, "See Exhibit B attached to this Consent to Lien." Five signed copies of the Consent and one blank copy are enclosed.

As soon as we receive the properly corrected Consent to Lien, we will forward the contract for your signature.

Very truly yours,

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

RAL/mm
cc:
Lynch
Opr. Com.
Files
Shirley

Docket File
Surname:

GPB. Hopkins
J I Kinnear
Talbert
Selfridge

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

AUG 30 1955

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

Subject: Docket No. DMEA-3856 - Mica
A. Ward
Harris (Charlie Grindstaff) Mine
Mason 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 Administrator for the Government with effective date as shown.

Copies of a memorandum from the Acting Assistant Solicitor to the Administrator regarding the attached Consent to Lien forms are enclosed for your information and guidance. Please have these forms corrected by the lessor and attached to the contract before presenting it to the Operator for his signature.

If the contract meets with your approval present it to the Operator for his 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. Copies of memoranda from Mr. N. E. Nelson of the Geological Survey, dated August 17, 1955, and from Mr. W. F. Dietrich of the Bureau of Mines, dated August 22, 1955, are enclosed.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (HB)

Approved:

P. F. Yopes (HB)
Member, Bureau of Mines

/s/ N. E. Nelson (HB)
Member, Geological Survey

Enclosures 17

JHopkins:pk 8/26/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Hopkins

R.C.S.

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

AUG 24 1955

Memorandum

To: The Administrator, DMEA
Attention: Mr. F. E. Knouse

From: Acting Assistant Solicitor, Defense Minerals

Subject: Docket No. DMEA-3856, A. Ward (mica)

Pursuant to a reference slip dated August 15 from Mr. Knouse, we have prepared the attached contract.

The Consent-to-Lien form submitted by applicant recites with respect to the land covered thereby, "See Exhibit B." There is no Exhibit B attached to the Consent but there is one attached to the application, which contains a description of the land. This reference is unsatisfactory for our purposes. Therefore, we require that the Consent to Lien be altered by the lessor to refer to "Exhibit 'B' attached to the application," and initialed by him, to indicate clearly the specific land covered; or, to indicate that the Exhibit is attached to the Consent to Lien and such an Exhibit, describing the land, in fact attached to the Consent.

J. L. Hofflund

J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

Attachments

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

August 22, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3856 (mica)

Applicant: A. Ward

Name and Location of Property: Harris Mica Mine, Macon County, N. C.
(formerly Charlie Grindstaff Mine)

Date of Field Team Report: 6/30/55

Date Rec'd by Br. of Ceramic & Fertilizer Materials: 8/15/55

Field Team Recommendation: Recommend an exploration program at a cost of $6,500.00.

Comments:

1. Strategic grade mica currently is being produced from upper levels of mine.

2. There is reason to believe that good grade mica occurs at a greater depth.

3. Proposed exploration outlined by the field team is consistent with good engineering practices and estimated costs are in line with other DMEA projects.

Recommendation: I concur in the recommendation of the field team for an exploration program on a unit cost basis.

W. F. Dietrich

W. F. Dietrich

RECEIVED
AUG

IN REPLY REFER TO:

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

RECEIVED
AUG 18 1955

August 17, 1955

Re: DMEA 3856
A. Ward
Harris (Charlie Grindstaff) Mine
Macon Co., N. C.
$6,500 - Mica

Memorandum

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

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

Subject: Review of Field Team report.

Careful watch and figures should be kept on the exploration and mining of this larger and better than average, judging from applications, mica-bearing pegmatite. It would seem to have "yardstick" qualities, both geologically and economically.

At the moment the project is not self-sustaining, and capital for development has to be found outside. Assistance in the deeper exploration of this pegmatite is justified.

I concur with the recommendations of the Field Team.

N. E. Nelson

N. E. Nelson

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

RECEIVED
AUG - 8 1955

August 4, 1955

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Field Examination Report, DMEA-3856 (mica) A. Ward, Franklin, N. C. Harris (Charlie Grindstaff Mine) Macon County.

Enclosed are four copies of the subject application and nine extra copies of the sketch map. Although the examination was made on June 30, preparation of the report has been delayed until we could check apparent discrepancies in the land description. The field examiners consulted the deed books at the Macon County Court House and are satisfield that the Operator has sufficient area and sufficient interest in the land. It will be noted, from the land description, that there is an overlap of two of the properties; however the applicant has leases on all three tracts described in exhibit "B" of his application.

We consider the proposal a good one for probable discovery of strategic mica and therefore recommend approval of a unit-cost contract as outlined in the report. We consider this to be properly in the scope of exploration, rather than development, even though it is extension of a mine now being worked. We do not recommend exclusion of the ground above the 87-foot level from payment of royalties, although mica is now being mined and sold from that ground. The entire deposit will benefit from the proposed exploration.

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

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

Reviewed by
DMEA OPERATING COMMITTEE
9-12-55
(date)

RECEIVED
AUG - 8 1955

ON-SITE Report

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXAMINATION BY FIELD TEAM
REGION V

On

DMEA-3856 (mica) HARRIS (Charlie Grindstaff)MINE

Macon County, N. C.

By

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

June 30, 1955

Reviewed by
DMEA OPERATING COMMITTEE
8-12-55
(date)

FIELD EXAMINATION REPORT
On

DMEA-3856 (mica) Harris (Charlie Grindstaff) Mine

RECEIVED
AUG - 8 1955

Applicant: A. Ward, Franklin, North Carolina

This mine is currently being operated by the applicant from the 75-foot level. Production from the mine during the last 18 months has exceeded $15,000 worth of strategic mica. Additional reserves of mica are probably present. If work designed to explore at a greater depth from an operating mica mine may be considered for assistance, then exploration aid is recommended for this mine.

The mine was examined on June 30, 1955. Messrs. A. Ward and Milton Burleson accompanied the examiners on the inspection which required three hours.

The Harris (Charlie Grindstaff) Mine is on the northwest side of Jacobs Branch, 2.4 miles N. 49° W. of Franklin, Macon County, N. C. Access is excellent at all times.

During the last three years DMEA has had two project with the applicant which were conducted satisfactorily; therefore, he appears competent to conduct the proposed work.

The area covered by the applicant's lease is adequate for the proposed exploration project. The shaft site is 250 feet N. 60° W. of the black gum used as a beginning point in the legal description for all three areas.

At present the applicant has all needed surface facilities on the property. These include a toolhouse, hoist house, two magazines, and a 220-volt single phase power line. Necessary mining equipment is at the site and set up for use.

Existing workings consist of two new shafts. The southeastern shaft is 47 feet deep. It has crosscuts to the northeast and southwest from the 45-foot level. The northeast crosscut is 30 feet long and does not cut pegmatite. The southwest crosscut is of unknown length and encounters old workings.

At a point 69 feet N. 65° W. of the shaft described above and 15 feet higher, a 75-foot vertical shaft has been sunk. This shaft is through old workings, and bottoms in the footwall. A 23-foot crosscut extends from the 75-foot level N. 18° E. to the hanging wall and a drift 15 feet long has been driven northwest and southeast from the head of the crosscut.

In the footwall zone all mineable mica bearing pegmatite has been removed above the 75-foot level, both northwest and southeast of the shaft. The Operator reports that this stope extends 100 feet northwest of the shaft. At present this cannot be verified. Apparently the stope extends to the southeast to at least the position of the 47-foot shaft. Apparently lesser workings are present in the hanging wall zone than in the footwall zone, but they are inaccessible.

Also an 18-foot incline extends along the footwall zone from the bottom of the 75-foot shaft at a - 40° slope. From this incline a 40-foot drift extends to the northwest. This is the deepest portion of the mine. The applicant proposes to extend this incline and drift from it.

The pegmatite cuts the foliation of the biotite gneiss wall rock. It trends N. 30° - 45° W. dips 30-60° NE, is zoned, and from 10 to 20 feet thick. The only good exposures available for inspection are in the incline and crosscut from the 75-foot shaft. At these places a thick quartz core occupies the central portion of the pegmatite. It is bound on both the hanging and footwall by mica-bearing feldspathic zones which vary from 2 to 6 feet and average 4 feet in thickness. The core is of glassy translucant milky quartz. The wall zones are coarse in texture and are composed of coarse plagioclase, small scattered quartz, perthite, muscovite, and small red garnet.

Mica occurs scattered at random throughout the wall zones, but at no particular position in them. Mica is more abundant in the hanging wall zone than in the footwall zone; however, the footwall zone mica is of larger sizes. It is estimated that the rock broken in the 15-foot dirft in the hanging wall zone contains in excess of $3.00 per cubic foot of strategic mica. Grade of the footwall zone is somewhat less. Books of mica, which after preparation, have been recovered that sold for more than $1100.00.

The mica is hard, clear, flat, ruby colored, and larger in size than normal. The chief defect is that some of the books in the hanging wall zone are somewhat ruled. Much of the mica recovered in the present operation has been in sizes larger than No. 3.

The deposit, which is owned by C. S. Grindstaff, was opened by him in 1919 and was intensively worked in 1922. It was reopened by Mr. Grindstaff in March 1944 and operations in the old workings were continued intermittently until November of that year. From late July to late September 1944, Boise Hall, J. P. Hyatt, and F. M. Brendle worked the mine by means of a new 30-foot shaft, from which drifts were run 12 feet to the north and 28 feet to the south. Only a small amount of mica was obtained during these two operations.

According to Mr. Grindstaff, production during the 1920-22 interval was substantial and the operation was suspended because of the inability to cope with the water problem.

This deposit was the basis for a previous application - DMEA-3231 which was denied because of the lack of sufficient information to justify the project. Work completed by the applicant has supplied additional data. The pegmatite is now well exposed from the 75-foot shaft and contains excellent quality mica.

As mentioned in the first paragraph, if work to explore an operating mine to a greater depth can be considered for exploration assistance, then exploration aid is recommended. The application requests an incline on the footwall. This appears to be a logical approach and is recommended. We recommend that the existing incline be deepened an additional 60 feet, following the mica-bearing portion of the footwall. After this depth is reached a crosscut should be driven to the hanging wall zone. A drift should be driven to the northwest or southeast in the hanging wall zone and another in the footwall zone in the opposite direction. A total of 100 feet of drift and crosscut are recommended.

Estimated Cost:

Sink 60 feet of 5' x 7' incline with separate manway (40 shifts)

Labor:		
1 - miner @ $1.50/hr.	$480.00	
1 - miner's helpher @ $1.25/hr.	400.00	
1 - hoistman @ $1.25/hr.	400.00	
1 - laborer @ $1.00/hr.	320.00	
Equipment (depreciation)		
Compressor, pump & drill	200.00	
Hoist	50.00	
Supplies:		
Explosives	250.00	
Drill steel	100.00	
Gasoline, oil and electricity	125.00	
Small tools and pipe	150.00	
Timber @ $65/M	130.00	
Miscellaneous and repairs	141.00	
Compensation insurance	160.00	
Social Security and Unemployment Ins.	64.00	
Sales tax	30.00	$3,000.00

Drive 100 feet of drift and crosscut (50 shifts)

Labor:		
1 - miner @ $1.50/hr.	600.00	
1 - miner's helpher @ $1.25/hr.	500.00	

Labor -cont'd		
1 - hoistman @ $1.25/hr.	$500.00	
1 - laborer @ $1.00/hr.	400.00	
Equipment (depreciation)		
Compressor, drill, pump and jackleg	265.00	
Hoist	62.00	
Supplies:		
Explosives	300.00	
Drill steel	100.00	
Gasoline, oil and electricity	150.00	
Small tools & pipe	125.00	
Miscellaneous and repairs	193.00	
Compensation insurance	200.00	
Unemployment insurance & Soc. Sec.	80.00	
Sales Tax	25.00	$3,500.00
Estimated Total Cost.....		$6,500.00

August 1, 1955

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

z

Memorandum

To: Files

From: James Hopkins

Subject: Evaluation of application and Field Team report

Docket No. DMEA 3856 - Mica

A. Ward

Harris Mine (Charlie Grindstaff Mine)

This deposit was the basis for a previous application - DMEA 3231 which was denied (5/24/54) because of the lack of sufficient information to justify a project. Work completed by the applicant since that time has supplied additional data. Mica recovered during last 18 months was sold for more than $15,000.00. All was strategic.

Mica:

The mica is hard clear flat ruby-colored and larger in size than normal. The chief defect is that some of the books in the hanging wall zone are somewhat ruled. Much of the mica recovered in the present operation has been in sizes larger than 4"x5".

Pegmatite:

The pegmatite cuts the foliation of the biotite-gneiss wall rock. It is zoned and 10 to 20 feet thick. It has been stoped for a strike length of 69' south of the 75-foot shaft and

has been drifted on for 49' NW of the shaft on the 87 foot level. The total strike length is therefore 109 feet.

A thick quartz core occupies the central portion bounded by hanging and footwall zones of mica-bearing feldspathic material averaging 4 feet thick. The core is glassy quartz. The wall zones are composed of coarse plagioclase, small scattered quartz, perthite, muscovite and red garnet.

Mica occurs scattered at random in wall zones and is more abundant in the hanging wall zone.

Workings:

Existing workings consist of two new shafts - one 47 feet deep, the other 75 feet. Two crosscuts were driven from the 47-foot shaft one 30 feet long to the northeast does not cut pegmatite; the other encountered old workings.

The 75-foot vertical shaft is through old workings. A 23 foot crosscuts extend north to the hanging wall zone. A drift 15 feet long has been driven to the northwest, a southeast in this zone.

In the footwall zone all minable mica bearing pegmatite has been removed above the 75-foot level both northwest and southeast of the shaft. This stope is reported to be (but not verified) 149 feet in length.

Lesser workings are present in the

hanging wall zone but are inaccessible

An 18-foot incline extends along the footwall zone from the 75-foot shaft. From this incline a 40-foot drift extends to the northwest.

Method of Exploring:

It is proposed to extend the present incline in the footwall zone to a total depth of 98 feet or 60 feet of new incline. From the bottom it is proposed to crosscut to the hanging wall zone and drift on both zones. Crosscutting and drifting not to exceed 100 feet.

This is good sound exploration work

Economies:

According to Reports, production during 1920-22 was substantial and the operation was suspended because of the inability to cope with the water problem.

Strategic mica worth in excess of $15,000.00 was produced during the past 18 months in stopes above the 87-foot level.

In the 15-foot drift in the hanging wall zone it is estimated that the rock broken contains in excess of $3.00 per cubic foot of strategic mica

Remarks:

The field team believes further work is warranted to explore for extension of the pegmatite in depth.

The vertical limit of the pegmatite has not been reached because the majority of pegmatites in the immediate area extend to around 200 feet in depth.

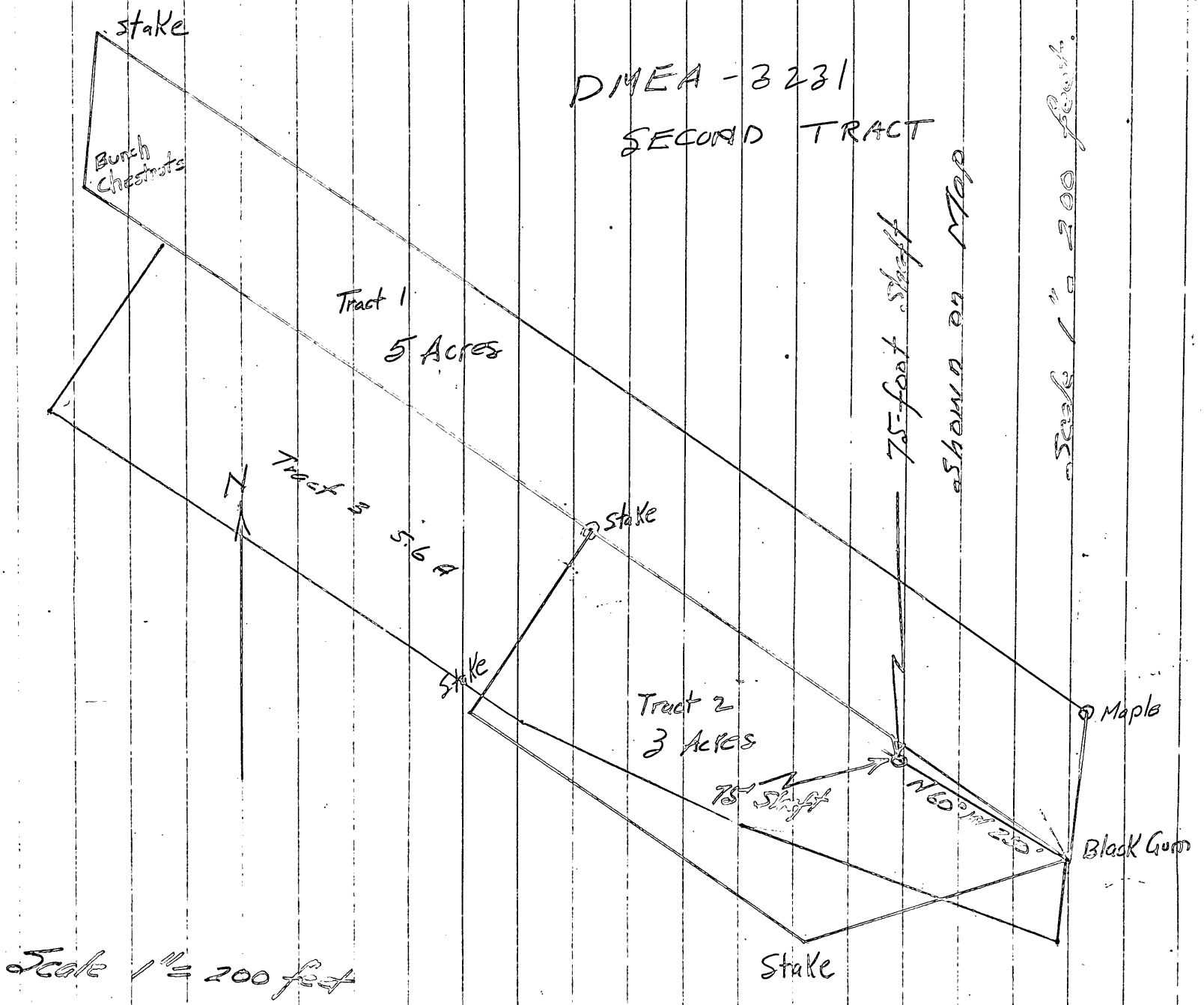
The field team believes the water problem could be met with modern pumping facilities

The proposed work is definitely exploration although mining is being carried on in the upper workings

I concur in the Field Team's recommendations

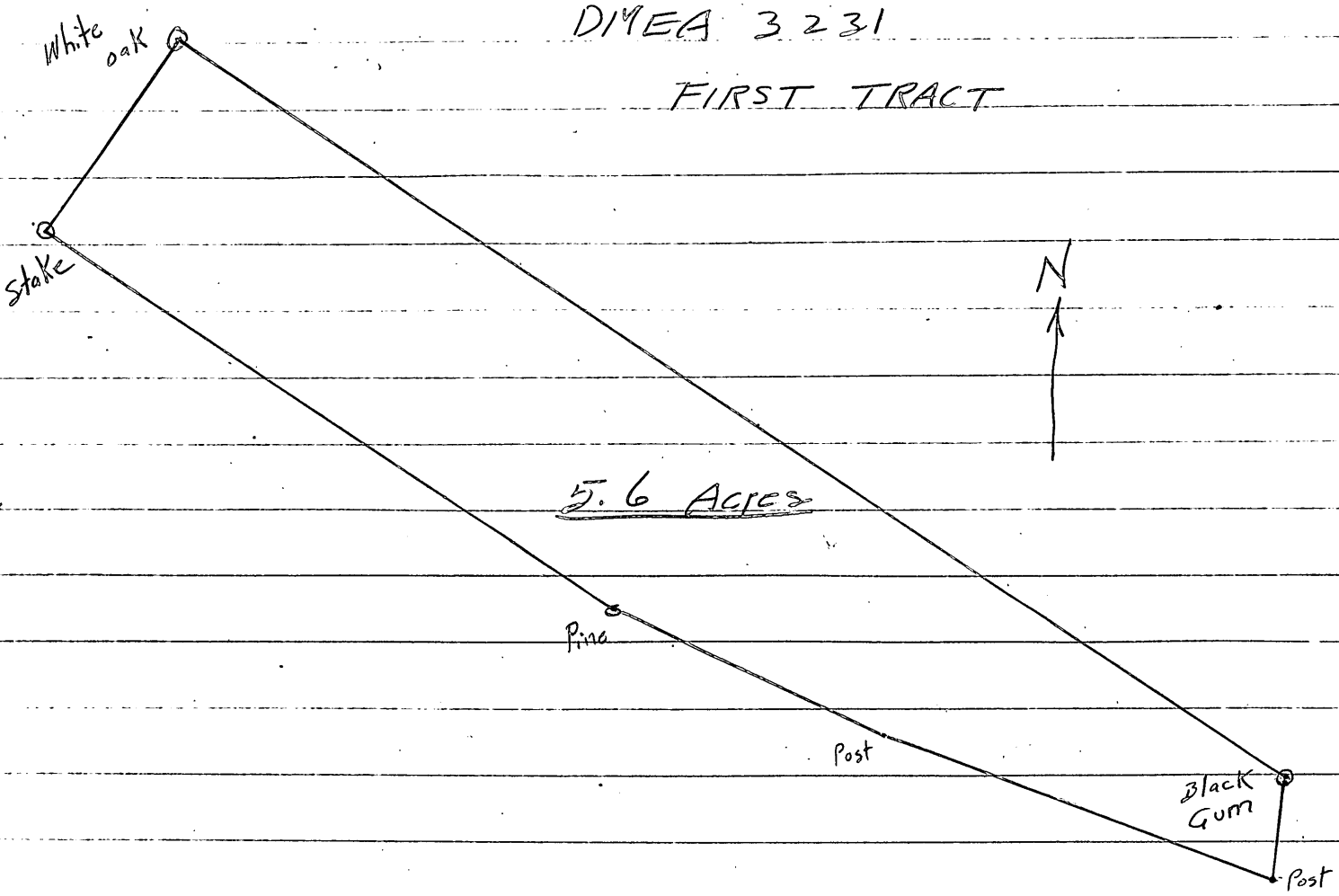
DMEA - 3231

SECOND TRACT



DMEA 3231

FIRST TRACT



Docket File
Surname:
Hopkins
F. Knowles
Selfridge
Johnson

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

JUL - 8 1955

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

Subject: Docket No. DMEA-3856 - Mica A. Ward
Harris Mica Mine
Macon County, North Carolina

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it necessary.

Copies of memoranda from N. E. Nelson of the Geological Survey, dated June 23, 1955, and from W. F. Dietrich of the Bureau of Mines, dated June 27, 1955, are enclosed for your information.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (GVB)

Approved:

/s/ Robert W. Geehon (GVB)
Member, Bureau of Mines

Thor H. Kiilsgaard (GVB)
Member, Geological Survey

Enclosures 4

JHopkins:pk 7/6/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.C.S.

Docket File
Surname:

Hopkins
J Kenner
Kiilsgaard
Gehan
Selfridge
J Johnson

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

JUL - 8 1955

Mr. A. Ward

Franklin, North Carolina

Re: Docket No. DMEA-3856 - Mica
A. Ward
Harris Mica Mine
Macon County, North Carolina

Dear Mr. Ward:

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 V, 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 you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

JHopkins:pk 7/6/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.C.B.

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

RECEIVED
JUN 28 1958

June 27, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA - 3856 (mica)

Applicant: A. Ward

Name and Location of Property: Harris Mica Mine

Date Application Rec'd by Br. of Ceram. & Fert. Mat: June 20, 1955

Comments:

1. This deposit appears to have possibilities for the development of strategic mica.

2. Total estimated costs are in the amount of $4,100

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

June 23, 1955

Re: DMEA-3856
A. Ward
Harris Mine
Macon Co., N. C.
$4,100 - Mica

Memorandum

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

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

Subject: Review of application

I recommend that the procedure of the Executive Officer as stated in the memorandum of transmittal be agreed to, inasmuch as a field examination is tentatively arranged for.

N. E. Nelson

N. E. Nelson

RECEIVED

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

June 20, 1955
Subject: DMEA-3856
Re: Exploration Assistance
Harris Mica Mine

A. Ward
Franklin, North Carolina

Dear Mr. Ward:

The receipt of your application dated June 10, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3856 and referred to the Nonmetallic Minerals Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

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

June 20, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region V

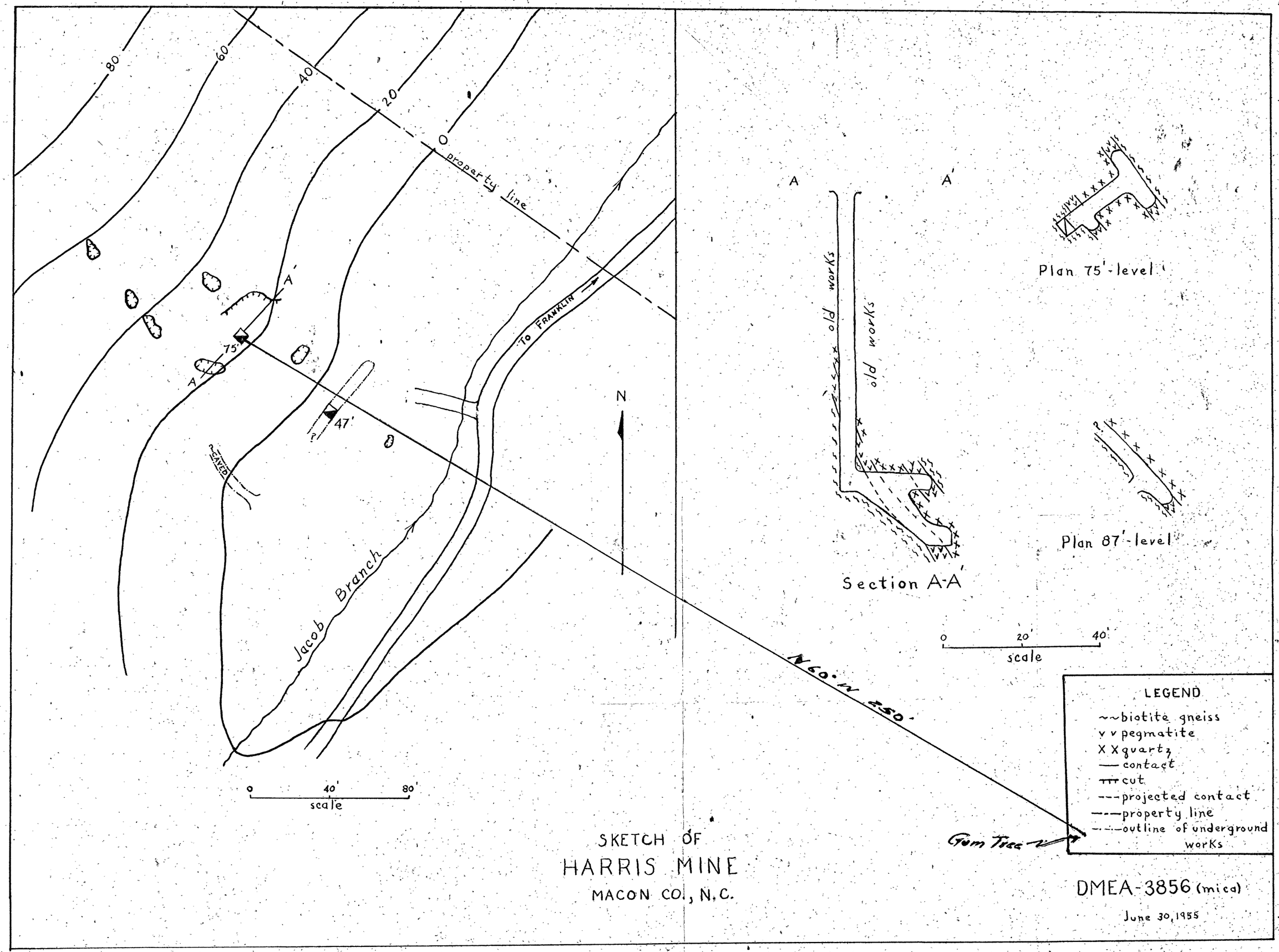
From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region V

DMEA-3856 Harris Mica Mine
A. Ward

Robert E. Adams
Chief, Operation's Control
and Statistics Division



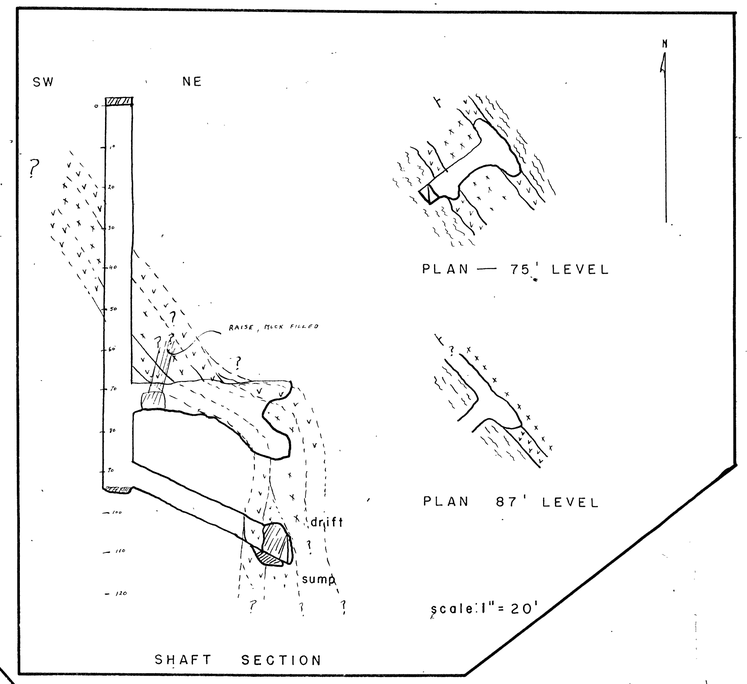
SKETCH OF
HARRIS MINE
MACON CO., N.C.

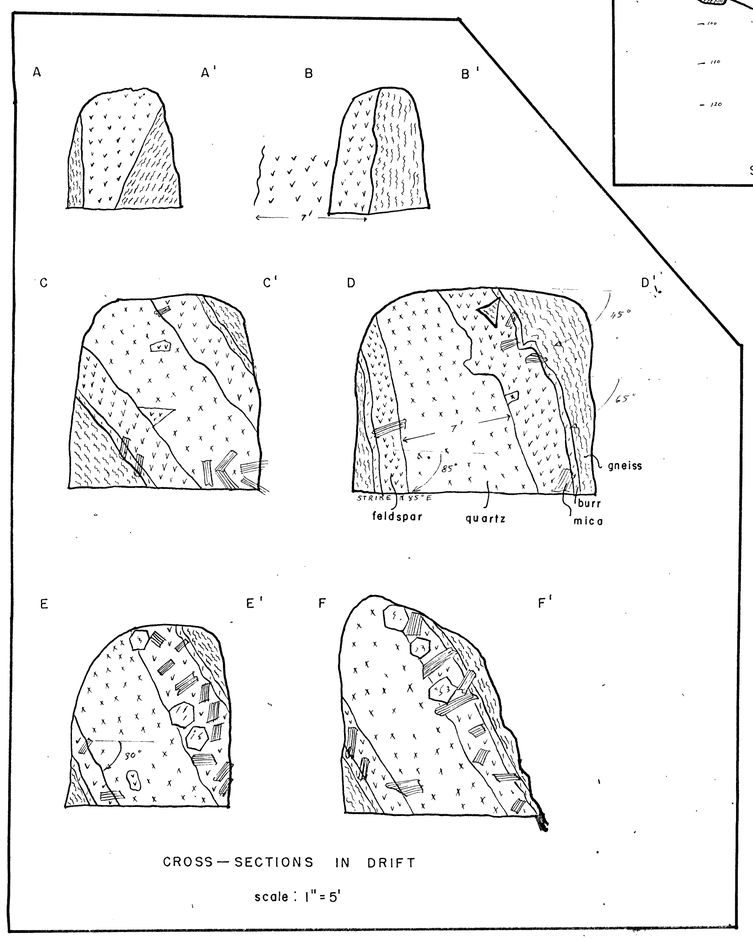
DMEA-3856 (mica)

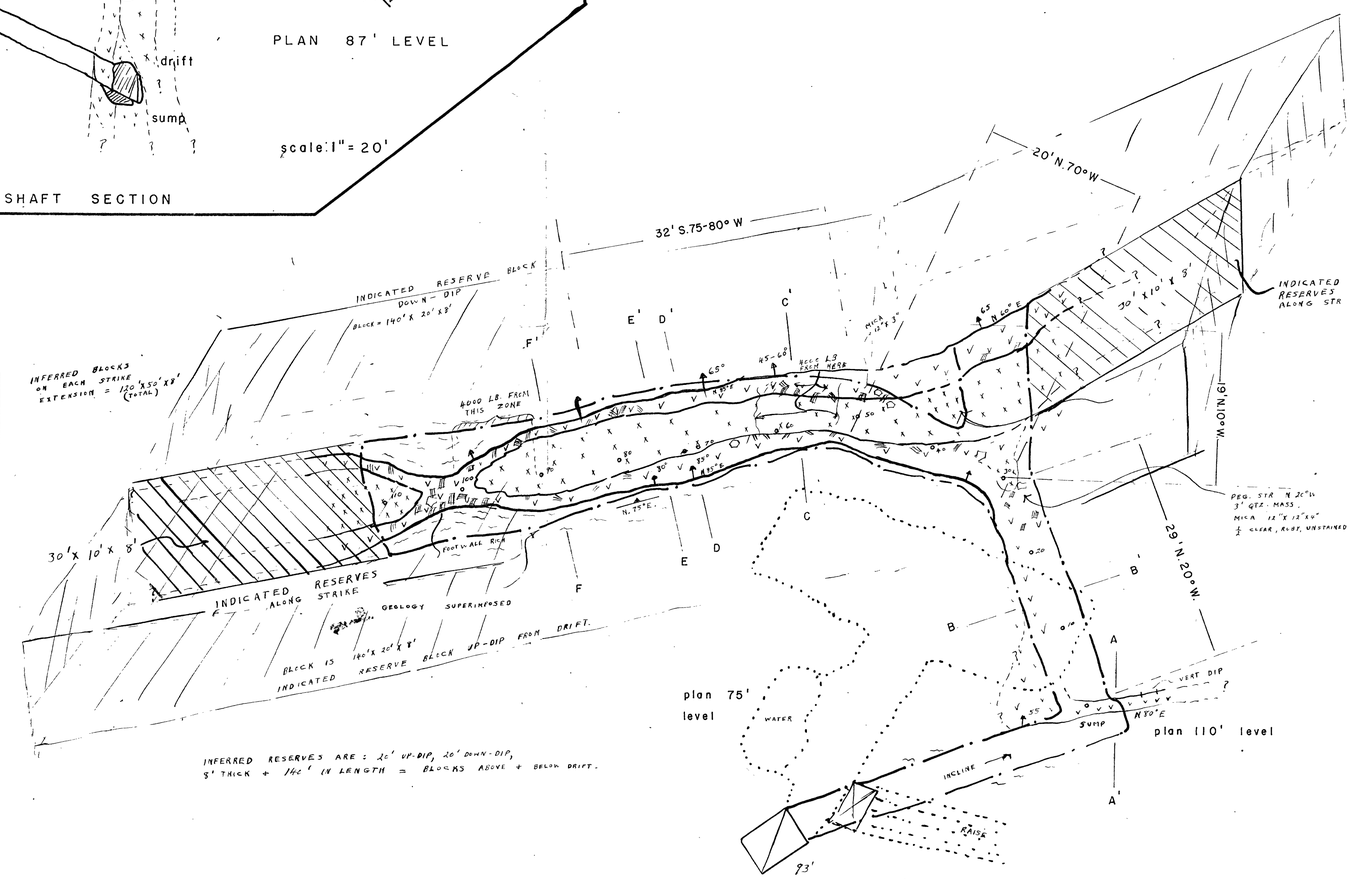
June 30, 1955

HARRIS MINE (mica)
DMEA — 3856, IDM-E 863
Macon Co., N.C.

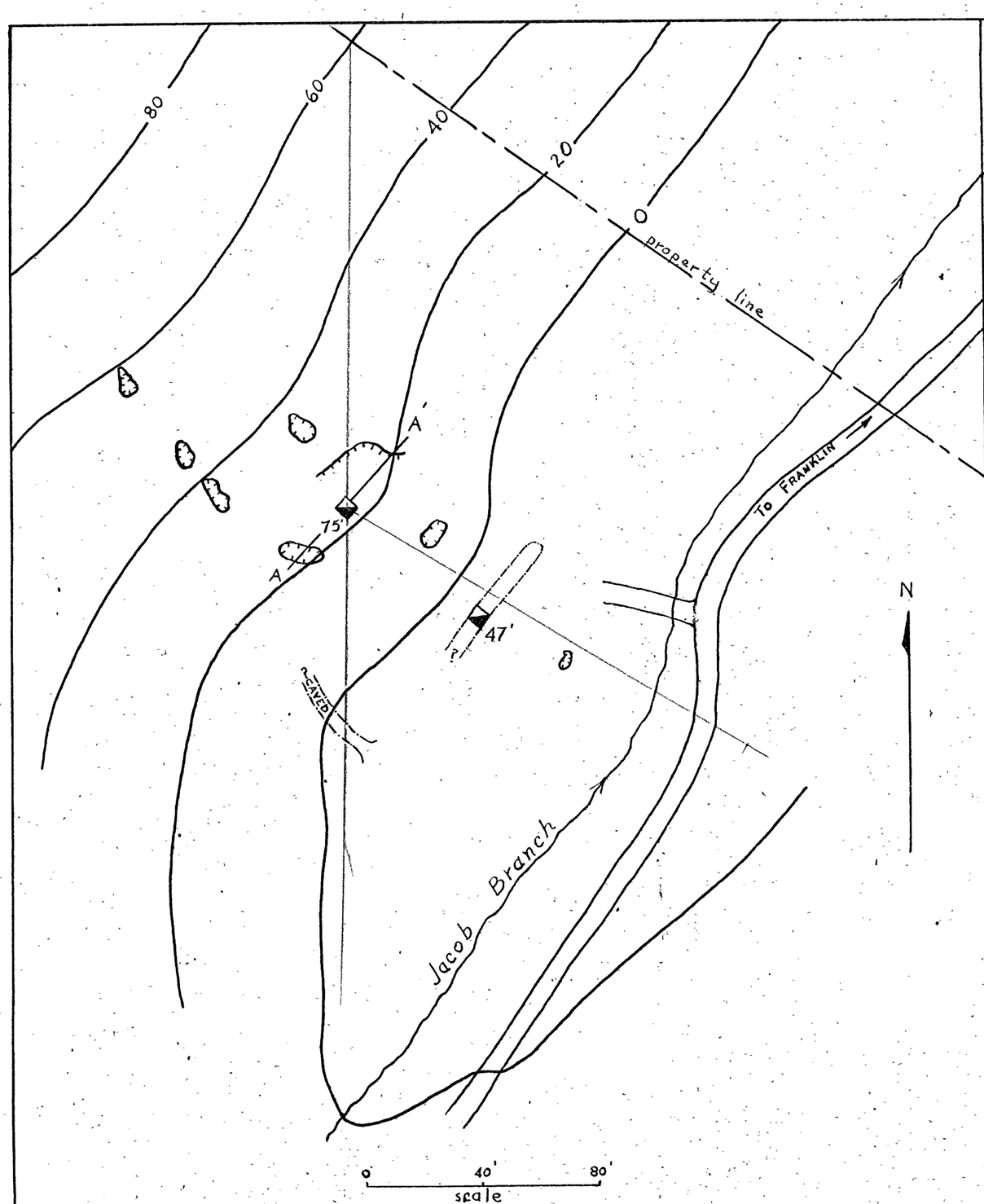
April 30, 1956

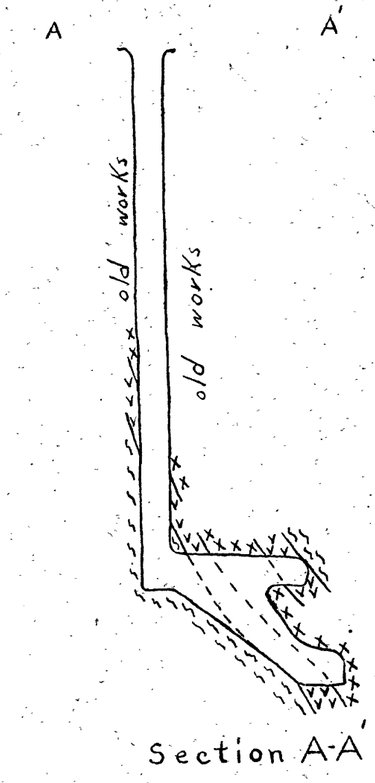


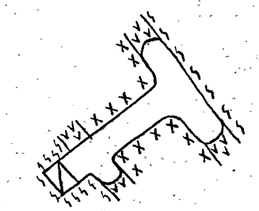


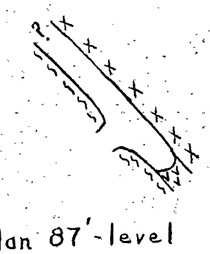


Taylor — 4-30-56









0 20' 40'
scale

LEGEND

~~biotite gneiss
v v pegmatite
X X quartz
—— contact
cut
---projected contact
—·—property line
-·-·-outline of underground works

SKETCH OF
HARRIS MINE
MACON CO., N.C.

DMEA-3856 (mica)

June 30, 1955