☑ Audited 11/29/55 WORK ANALYSIS SHEET - DMEA PROJECT ☐ Actual Cost

☐ Certified Analysis as of 10/12/55 ☑ Agreed Unit Costs

Incl. Voucher for Sept. 55

Name John Jarrett Docket No. 3746

State North Carolina Commodity Mica Idm-E No. 825

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	80 ft.	$2,800.00	80	2800.00	2800.00
Raising					
Shafts	50 ft.	2000.00	50	2000.00	2000.00
Winzes					
Drilling (Specify)					
Surface Excavation		300.00		300.00	300.00
Underground Excavation					
Roads and Trails		100.00		100.00	100.00
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.		116.00		116.00	116.00
Other (Specify)					
Totals		$5,316.00		5316.00	5316.00

Prepared by Walter C. Anderson

71626

I goofed.

3647 isn't a at all.

3746 is yours.

Jean

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

John Jarrett
Route 3
Bakersville, North Carolina

pertaining to Exploration Project Contract No. Idm-E825, Docket No. DMEA-3746, for the months of July 1955 to October 1955, inclusive, covering a project for the exploration of mica on property, known as the Ralph Jarrett Prospect, located in Mitchell County, North Carolina.

My review included an examination of the Monthly Reports (Form 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		$5,316.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$5,316.00

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 Three thousand nine hundred eighty-seven and no/100 Dollars

$3,987.00

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

November 29, 1955

Division Copy

MF-200A
(Revised June 1954)

RECEIVED
JUL 15 1955

Docket No. DMEA-3746

Commodity Mica

Contract No. Idm-E 825

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

It is agreed this 27th day of June, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] John Jarratt, whose mailing address is Route 3, Bakersville, 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 [illegible]

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 Mitchell, 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 —, page —, official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: 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: Guaranty of Royalty by Sam L. Phillips is attached to Deed of a Consent to Lien.

[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."

16—70018-1

(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 [illegible]. The work to be performed is described in Exhibit "A." The Operator on or before AUG 15 1955 shall commence the work, and on or before [illegible] (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 $[illegible]. The Government will contribute [illegible] percent of the fixed unit costs as work is performed, in a total sum not in excess of $[illegible]: *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.

JOHN JARRETT
(Operator)

By John Jarrett

THE UNITED STATES OF AMERICA

By O O Mitterdorf

Administrator, Defense
Minerals Exploration
Administration

Bribir
"Appd. Sol. Off."
Anderson
Talbot
Hoody
Selfridge

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

.....

[CORPORATE SEAL]

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

EXPLORATION PROJECT CONTRACT
JOHN JARRETT
DOCKET NO. DMEA-3746

ANNEX I

The land referred to in Article 2 of the contract form is known as the Ralph Jarrett Prospect and was leased for mining purposes to John Jarrett by Ralph Jarrett in an instrument dated March 17, 1955. It is located 0.5 airline miles S 20° E of Bandana Post Office, Mitchell County, North Carolina on the northeast side of the first knob north of Gouge Knob, and is described as follows:

> Beginning on a large Hickory tree located approximately 125 feet Southwest of the old shaft of the Ralph Jarrett Prospect and running 250 feet North; thence 250 feet West; thence 500 feet South; thence 500 feet East; thence 500 feet North; thence 250 feet West to point of closing.

EXPLORATION PROJECT CONTRACT
JOHN JARRETT
DOCKET NO. DMEA-3746

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica shall be accomplished in the area indicated on the map entitled "Sketch of Ralph Jarrett Pros. Mitchell Co., N. C. DMEA-3746 (mica) May 5, 1955," attached hereto and made a part hereof, in two stages as follows:

The Operator shall complete Stage I and so much of the work under Stage II as is approved in writing in advance by the Government.

STAGE I

Bulldoze (with a D-4 or equivalent) two trenches, each about 100 feet long by 15 feet wide by 10 feet deep, along the strike of the pegmatite.

STAGE II

1. Construct:

   (a) Access road about 700 feet long with a D-4 or equivalent bulldozer.

   (b) A toolhouse, minimum dimensions 7 feet by 8 feet by 10 feet.

   (c) A powder storage magazine, minimum dimensions 4 feet by 3 feet by 2½ feet.

   (d) An exploder storage magazine, minimum dimensions 2 feet by 1½ feet by 1 foot.

The toolhouse may be unfloored; shall be made from rough, unfinished lumber, with a protective roof covering; and shall be equipped with lock and key.

The powder and exploder magazines shall be boxed on all sides; shall be made from 2-inch hardwood or 3-inch softwood lumber; and shall be braced at the corners. No metal shall be exposed; and the lids or doors shall be securely locked with the equivalent of a 5-tumbler jarproof lock.

2. Sink on the pegmatite a 2-compartment shaft to a total depth of not more than 50 feet.

3. Explore the pegmatite by driving drifts and/or crosscuts from the shaft for a total distance of not more than 80 feet.

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

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

FIXED UNIT COSTS
(The unit costs include all costs whatsoever necessary to complete the work)

Bulldozing trenches on pegmatite 30 hours @ $10.00/hr.	$ 300.00	
Construction:		
Access road - Bulldozer, 10 hours @ $10.00/hr.	100.00	
Toolhouse 1/	78.00	
Powder magazine 1/	25.00	
Exploder magazine 1/	13.00	
Sinking 50 feet of shaft @ $40.00/ft.	2,000.00	
Driving 80 feet of drifts and/or crosscuts @ $35.00/ft.	2,800.00	
Estimated total cost of project		$5,316.00
Government participation @ 75%		$3,987.00

1/ The completed work constitutes the unit.

EXPLORATION PROJECT CONTRACT
JOHN JARRETT
DOCKET NO. DMEA-3746

GUARANTY OF ROYALTY

WHEREAS, negotiations are now pending between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and John Jarrett of Route 3, Bakersville, North Carolina, for an Exploration Project Contract relating to certain land in the State of North Carolina, County of Mitchell, described as follows:

> Beginning on a large Hickory tree located approximately 125 feet Southwest of the old shaft of the Ralph Jarrett Prospect and running 250 feet North; thence 250 feet West; thence 500 feet South; thence 500 feet East; thence 500 feet North; thence 250 feet West to a point of closing. This property belonging to Ralph Jarrett and lying in Mitchell County, N. C. near Bandana, N. C.

NOW THEREFORE, in consideration of the waiver by the Government of the requirement of a Consent to Lien referred to in said contract, and in lieu thereof, the undersigned hereby guarantees the payment to the United States of America of any royalty that may fall due under the provisions of said contract or any amendment or assignment thereof, notice of any such amendment or assignment being hereby waived. If the records of any sales or other disposition of the production upon which any such royalty may accrue, whether the production is by the Operator or by others, are not made available to the Government for the computation of said royalties, the undersigned agrees that the amounts thereof may be determined according to the best estimates that can reasonably be made; and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or his successor, or by his representative authorized for that purpose, shall be final and binding upon the undersigned.

Dated 7-5, 1955.

Sam L. Phillips

Sam L. Phillips, Guarantor
Spruce Pine, North Carolina

JUL 2 - 1956

Mr. John Jarrett
Route 3
Bakersville, North Carolina

Re: Docket No. DMEA-7746-nicm
John Jarrett
Ralph Jarrett Prospect
Mitchell County, North Carolina
Contract No. 14m-2325

Dear Mr. Jarrett:

Reference is made to your completed exploration contract with the Government.

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the contract. In the absence of such certification, the Government retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this project. Your attention, however, is called to the provisions of the contract which require the operator to keep and preserve certain records for the period indicated.

Your interest in the DMEA exploration program and participation therein are fully appreciated.

Sincerely yours,

G. O. Mittendorf

Administrator

WCAnderson:mm 6/28/56
Copy to: Docket
Operating Committee
Field Team, Region V
Mr. Killingsard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson
Admr. R. File
Mr. Sam Phillips (Guarantor of Royalty)

JUL 2 - 1956

Mr. Sam L. Phillips

Spruce Pine, North Carolina

Re: Docket No. DMA-3746-mica
John Jarrett
Ralph Jarrett Prospect
Mitchell County, North Carolina
Contract No. Idm-8825

Dear Mr. Phillips:

Reference is made to the Guaranty of Royalty which you executed on July 5, 1955, in connection with the DMA contract for an exploration project on property belonging to Ralph Jarrett, located in Mitchell County, North Carolina.

For your information, there is enclosed a copy of our letter of this date to Mr. John Jarrett advising that the Government retains no claim or lien against the property described in the contract or any future production therefrom.

Sincerely yours,

G. O. Mittendorf

Administrator

JCAnderson:ms 6/28/56
Copy to: Docket
Operating Committee
Enclosure Field Team, Region V
Mr. Killagnard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson
Admr. R. File

Project Summary Report

June 28, 1956

By: Walter C. Anderson

1. Docket No. DMEA-3746-mica
Contract No. Idm-8825
Ralph Jarrett Prospect
Mitchell County, North Carolina

Operator: John Jarrett
Route #3
Bakersville, North Carolina

Application: Form MF-103(April, 1952) received April 1, 1955

Work Proposed: Bulldoze trench to expose pegmatite, 85 feet of shaft, and 100 feet of drifts.

Amount Requested:
$8,165.00

Operator's Property Rights:
Mining lease for five years on the Ralph Jarrett property, covering 5+ acres, dated March 17, 1955.
Third Party Guaranty in lieu of Consent to Lien.

2. Contract: Form MF-200A(June, 1954) dated June 27, 1955

Work Authorized:

Stage I	
Bulldoze 2 trenches - 30 hrs. @ $10.00/hr.	$ 300.00
Stage II	
Construction - access road	100.00
- toolhouse, powder and exploder magazines	116.00
50 feet of shaft @ $40.00/ft.	2,000.00
80 feet of drifts and/or crosscuts @ $35.00/ft.	2,800.00
Estimated total cost of project.....	$ 5,316.00
Government participation @ 75%.....	$ 3,987.00

Amendments - none

Work Completed: same as authorized.

Work began on July 25, 1955 and was completed October 19, 1955.
Final Field Team report received November 16, 1955.
Final Operator's report dated November 8, 1955, received November 16, 1955.
Production during operation - about 2000 pounds "mine-run" mica.
Sales of mica amount to $981.00, royalty paid $49.05, which accounts for all of the mica produced.
Royalty due the Government - none.
No equipment purchased under contract.

3. Audit: Report of Review issued November 29, 1955
Accepted Cost $5,316.00
Government contribution $3,987.00

4. Certification of Discovery - none issued

5. Comments:

How conducted:

All of the work in which the Government participated was acceptable.

Operation:

Good

Engineering:

Reporting by operator was better than the average. Sufficient work was done to prove mica does not exist in commercial quantities.

Geological premise:

The premise that the downward extension of the pegmatite would contain 5 to 10% mica as indicated on the dump did not materialize as no worthwhile deposit of mica was discovered.

Geological criteria upon which work was based:

1. No pegmatite exposed for observation. Dump indicates pegmatite to be about 4 feet thick and containing plagioclase, quartz, muscovite and garnet. Country rock - hornblende gneiss.
2. Mica - both brown and green, clear and free-splitting, some curved and cracked.

Criteria developed during project:

1. Pegmatite - Two trenches exposed pegmatite along strike. No. 1 trench exposed 2 pegmatites, 2 feet apart, 6 to 18 inches in thickness over a length of 50 feet. They are conformable to a mixed mica gneiss and hornblende wall rock. Trench No. 2 exposed a pinching and swelling pegmatite, averaging 2.5 feet in thickness for a distance of 140 feet.
2. Mica - abundant in narrow wall zone of pegmatites. Small in size and of non-strategic quality.

Future possibilities:

This property will not sustain an economic operation.

Recommendation:

Because insufficient mica exists for an economical operation, the Field Team recommends that a certification of discovery not be issued. The Nonmetallic Minerals Division and the Commodity Members of the Geological Survey and Bureau of Mines concur.

Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:ms 6/28/56
Copy to: Mr. Houk
Mr. Anderson
Admr. R. File

June 1, 1956

RECEIVED
JUN - 4 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V - Knoxville

Subject: DMEA-37b6, Idm-E825 (mica) John Jarrett Prospect, Mitchell County, N. C.

Reference is made to Mr. Mittendorf's letter of May 25 to the Operator.

I have been advised by the Operator that the $49.05 royalty represents 5% of the value of all mica recovered during the project and 6-month period afterwards. No sales, other than those reported, have been made. No mica or other minerals of value are on hand.

Robert A. Laurence

RAL/zm

cc:
Lynch
Shirley
Files

RECEIVED
JUN - 4 1956

June 1, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V - Knoxville

Subject: DMEA-3746, Idm-E825 (mica) John Jarrett Prospect, Mitchell County, N. C.

Reference is made to Mr. Mittendorf's letter of May 25 to the Operator.

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Robert A. Laurence

RAL/mm

cc:
Lynch
Shirley
Files

Mr. John Jarrett
Route #3
Bakersville, North Carolina

Re: Docket No. DMEA-3746-mica
John Jarrett
Ralph Jarrett Prospect
Mitchell County, North Carolina
Contract No. Idm-2825

Dear Mr. Jarrett:

Reference is made to the subject exploration contract which has been completed.

Our reports indicate that a total of about 2000 pounds of mine-run mica was produced during the operation and royalties paid the Government from sales of mica amount to $49.05. Under Article 7(b) of the subject contract, you are obligated to pay the Government a royalty on all minerals mined or produced from the land "——regardless of any certification of discovery or development, from the date of the contract until the lapse of time within which the Government may make such certification, or until the net amount contributed by the Government without interest is fully repaid, whichever occurs first."

If you have made any sales, other than already reported, of mica or other minerals produced during the project or during the six-month period after November 8, 1955, please forward a royalty check in the amount of 5% of sales receipts, accompanied by certified copies of sales slips, to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville, 2, Tennessee. Otherwise, please report to this office whether you have any mica on hand produced during the aforesaid six-month period that is salable or has value. Regardless of whether the mica is of strategic, scrap, or any other grade, an accounting must be made to the Government.

Upon your compliance with the foregoing request, we will write you a closing letter, which will remove the Government's lien on any future production.

Sincerely yours,

G. O. Mittendorf

Administrator

Mr. Anderson
Admr. R. File
Field Team, Region V

MCAnderson:ms 5/24/56
Copy to: Docket
Operating Committee
Mr. Killegaard, 5222
Mr. Dietrich, 3061
Mr. Hook

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

RECEIVED
FEB - 8 1956

February 7, 1956

Memorandum

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

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

Subject: Royalty payment - Idm-E825, DMEA-3746, John Jarrett (mica)

Transmitted is a bill-of-sale in the amount of $235.31, and a check for 5% royalty in the amount of $11.77 to be credited to the subject contract.

Robert A. Laurence

ZM.
cc:
Lynch
Peyton
Files
[redacted]

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

DATE: 1-19-56

Acceptance No. 115(a)

Certificate of Authorization No. 230 B

LOT No. 115(a)

RUBY [ ] NON-RUBY [X]	TOTAL LBS.	Lbs of G.S. & Better	Lbs. Stained Mica	TOTAL VALUE
TOTAL PAYMENT	1200	16.06	7.19	535.33
LESS INITIAL PAYMENT Sch 168		9.00	20.00	300.02
AMT DUE Gov [ ] SELLER [X]				235.31

DMEA- 3746 IDm-E 825

Seller: John Jarrett

MINE; Ralph Jarrett Address RFD 3. Bakersville

Mitchell County - NC. NC

RECEIVED
FEB - 9 1956

IN REPLY REFER TO:

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

RECEIVED DEC - 5 1955

December 2, 1955

Re: DMEA 3746, Idm-2885
John Jarrett
Ralph Jarrett prospect
Mitchell Co., N. C.
$5,316.00 - Mica

Memorandum

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

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

Subject: Review of Final Field Team report.

The contract was approved in the amount of $5,316.00 and that amount was expended.

The work done consisted of:--

2 trenches totalling	320 feet
Shaft sinking	50 "
Drifting	80 "

Three narrow pegmatite dikes were uncovered by the trenches. Two are 6" to 8" wide, and the third 2.5 feet with a maximum width of 3.5 feet. The underground work was done on the third dike.

Some mica was recovered in the trenching and $300.00 was sold and a royalty of $15.00 paid. Little or no mica was found in the shaft and drift and certification is not recommended.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-12/2/55

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
W. F. Dietrich, 3061

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

RECEIVED
NOV 28 1955

November 21, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3746 (mica)

Applicant: John Jarrett

Name and Location of Property: Ralph Jarrett Prospect, Mitchel Co., N. C.

Contract Number: Idm-E 825

Date of Field Team Report: 11/10/55

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 11/18/55

Field Team Recommendation: Recommend no certification of discovery.

Comments:

1. The mica occurs in sizes too small for strategic uses.

2. Sufficient work has been done to indicate the pegmatite is not suitable for producing large quantities of strategic mica.

3. Mica was recovered during DMEA exploration.

4. Expenditures -

Total approved	$5,316.00
Total cost	5,316.00
Gov't share of the cost	3,987.00
Value of production during operation	300.00 (approximately)

Recommendation: I concur with the field team's recommendation.

Signed
W. F. Dietrich

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1955 Docket No. DMEA 3746 Contract No. Idn-E 825
Operator's Name John Jarrett Minerals Mica
Address Route 3, Bakersville, N. C.
Contract Amount, $ 5316.00 Government Participation: 75 % Amount, $ 3987.00

RECEIVED NOV 21 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		400.00	400.00			
Crosscutting						
40' Drifting @ 35.00 ft.	1400.00	1400.00	2800.00			
Shaft		2000.00	2000.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		73.00	73.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Powder Magazine		25.00	25.00			
Exploder Magazine		13.00	13.00			
(8) Contingencies (specify):						
TOTALS	1400.00	3916.00	5316.00	1400.00	3916.00	5316.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 11-8-55 *Payee John Jarrett
Per John Jarrett (B) Title Operator

*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:

$ 1050.00

Signature Helen R. Melin
(Authorized Certifying Officer)

Date NOV 14 1955 Vou. No. 106

(See other side)

350.00

(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. 825 in accordance with the terms of the contract.

Signature Alfred R. Taylor Title Geologist, USGS Date Nov. 10, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature V. J. Lynch ACTING Title EXECUTIVE OFFICER DMEA REGION V Date Nov. 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

RECEIVED
NOV 21 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1955 Docket No. DMEA 3746 Contract No. Idm-E 325
Operator's Name John Jarrett Minerals Mica
Address Route 3, Bakersville, 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
40 Drifting @ 35.00	Ft.	1400.00	40	2800.00	80	35.00	80	35.00
Crosscutting								
Raising								
Shafts				2000.00	50	40.00	50	40.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Bulldozing				400.00				
Total Distributed Costs		1400.00		5200.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				78.00				
Powder & Exploder Magazines				38.00				
Total Costs		1400.00		5316.00				

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 11-8-55 Operator John Jarrett

Per John Jarrett (15) Title Operator

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)

Alfred R. Taylor
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

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NOV 8 1955

OPERATOR'S

Monthly Progress Report

October, 1955

DMEA-3746

Idm-E 825

Work Accomplished:

We completed the remaining 40' of drift during October, finishing on October 20. No mica was encountered, and the vein had almost disappeared during the last few feet. Work was discontinued, as no mica was found and little indication that vein would reappear.

Daily Notes:

October 3 - 7 : Four men continued to work in drift, with vein becoming smaller. Drilled, shot and mucked.

October 10-14 : Rapid progress was made. Same operations continued each day. No mica encountered.

October 17-20 : Drilled, shot and mucked. Vein almost gone. 30' of Drift was completed as called for in the contract. Work discontinued.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

COPY

~~WASHINGTON 25, D.C.~~

ROOM 13, POST OFFICE BLDG.
KNOXVILLE, TENNESSEE
November 14, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville

Subject: Final Reports, DMEA-3746, Idm-E825 (mica) John Jarrett, Bakersville, Mitchell County, N. C. Ralph Jarrett Pros.

Enclosed are four copies each of the Operator's and Field Team reports on the subject contract. We do not recommend certification of discovery.

Royalty payment of $15.00, representing 5% of sale value of 1200 pounds of mica was received September 21, 1955.

/s/ ROBERT A. LAURENCE
Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

/s/ V. J. LYNCH
V. J. Lynch, Member
Bureau of Mines

11/18/55

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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NOV 16 1955

FINAL REPORT

RALPH JARRETT PROSPECT
DMEA-3746, Idm-1825 (mica)
Mitchell County, N. C.

By

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

and

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

November 10, 1955

11/18/55

FINAL REPORT
On

RECEIVED
NOV 16 1955

DMRA-3746, RALPH JARRETT PROSPECT

Operator: John Jarrett, R#3, Bakersville, North Carolina

Location: 0.5 miles S. 20° E. of Bandana, Mitchell County, N. C.

This project was completed without making a worthwhile discovery of mica. Insufficient mica occurs to permit an economical operation and additional work is not justified. The field examiners do not recommend that a certification of discovery be issued.

Work began on this project July 25 and was completed October 19, 1955. Work completed consisted of two stages. Under Stage I - two near parallel trenches were cut, the south trench is 150-feet long, 12 feet wide, and up to 10 feet deep. The trend is N. 70° E. It explores two thin pegmatites. These pegmatites are about two feet apart and range in thickness from 6" to 18". They are exposed about 50 feet on the strike which is N. 45° E. They dip steeply to the southeast. These pegmatites are essentially conformable to the mixed mica gneiss and hornblende wall rock. Mica is abundant in both in both pegmatites, but occurs in sizes too small for strategic material.

Trench No. 2 is about 50 feet north of Trench No. 1. It trends N. 80° E. if 170' long, 12' - 15' wide, and up to 16' deep. The pegmatite trends N. 60° E and dips 50° SE. It pinches and swells along the strike and has a maximum thickness of 3.5 feet, averaging about 2.5 feet. The pegmatite is exposed along its strike over a length of about 140 feet. It is composed of plagioclase, quarts, and non-ruby mica. Mica is relatively abundant with sizes up to 6 inches across.

The pegmatite explored under Stage II thickens and thins on both strike and dip. It cuts out abruptly to the southwest in the bottom of the incline. The pegmatite branches and converges and contains a wall rock parting up to 15 inches thick in places. It is essentially conformable to the mixed mica and hornblende gneiss wall rock, striking about N. 55° E and dipping 40 - 50° SE. There is a suggestion that the body rakes to the northeast at about 45° .

The pegmatite is composed of plagioclase, quarts, green muscovite, and scattered garnet. Most of the mica occurs in the foot-wall zone in association with abundant quarts. Otherwise, there are no zoning characteristics.

During the project approximately 2000 pounds of mine-run mica was obtained. This mica was mostly in small sizes and its value

unknown. The mica is essentially clear; however, in the northeast end of the level some of it contains small black spots. It is hard, flat, green in color, and averages 3-4 inches in diameter. Many of the books are rather badly cracked and some contain "A" structures.

Expenditures:

(a)	Total approved	$5,316.00
(b)	Total cost of project	5,316.00
(c)	Government's share of cost	3,987.00
(d)	Government's share unexpended	none
(e)	Value of production during opr. ...	unknown

The project was conducted in a satisfactory manner. No equipment was purchased for the project.

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

and

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

November 10, 1955

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

RECEIVED
NOV 21 1955

November 17, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty payment: Idm-2825, DMEA-3746, John Jarrett
Ralph Jarrett Prospect, Mitchell County, N. C.

Attached is a bill-of-sale in the amount of 145.64 for mica sold from the subject mine, and a check for 5% royalty in the amount of $7.28.

Robert A. Laurence

ZM.
cc:
Lynch
Mittendorf
Shirley
Files

copy

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

DATE 11-4-55

ACCEPTANCE B04-77 (a)

Certificate Authorization No.	LOT NO.
210-B	0 - 77(a)

RUBY ☐ NON-RUBY ☒	TOTAL LBS'	LBS. of G. S. & Better	LBS. STAINED Mica	TOTAL VALUE
TOTAL PAYMENT	1115.00	13.37	7.06	445.66
LESS INITIAL PAYMENT 41-Sch.134				300.02
AMT. DUE GOV. ☐ SELLER ☐				145.64

DMEA-3746, IdmE-825

Seller: John Jarrett

MINE Ralph Jarrett Mine
Mitchell County, N.C.

Address Spruce Pine, N.C.

Royalty Check $7.28

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

RECEIVED
NOV 16 1955

November 14, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V * Knoxville

Subject: Final Reports, DMEA-3746, Idm-8825 (mica) John Jarrett, Bakersville, Mitchell County, N. C. Ralph Jarrett Pros.

Enclosed are four copies each of the Operator's and Field Team reports on the subject contract. We do not recommend certification of discovery.

Royalty payment of $15.00, representing 5% of sale value of 1200 pounds of mica was received September 21, 1955.

Robert A. Laurence

EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch, Member
Bureau of Mines

RAL/sm
cc:
Lynch
Shirley
Files

RECEIVED

NOV 16 1955

Spruce Pine, North Carolina
November 8, 1955

Mr. Robert A. Laurence, Executive Officer
D.M.E.A., Region V
Room 13, Post Office Building
Knoxville, Tennessee

Re: DMEA-3746, Idm-E 825 (Mica)
Ralph Jarrett Prospect
Mitchell County, N.C.

Dear Mr. Laurence:

Work began on the above project on July 22, and was completed on October 20.

We bulldozed two trenches, as called for in Stage I of the contract, and after uncovering some vein material, Stage II was begun. We moved in equipment, constructed tool house, powder and exploder magazines, and prepared to lower shaft. At the beginning, the shaft was in about 2½' of vein, and several bags of mica were recovered during the first few feet. The shaft was lowered a total of 50', the vein narrowing all the way. At the 50' depth the vein was about 18" wide.

From the bottom of the shaft, we drove a drift in the direction suggested by the field team for a total distance of 80'. The drift was in vein material all the way, but no mica was encountered. At the completion of the 80' of drift, work was discontinued. About 1000# of mica was recovered from the entire operation.

We wish to thank the field team for their assistance.

Very truly yours,

John Jarrett

B/b

INTERIM REPORT

DMEA-3746, Idm-E825 (mica) RALPH JARRETT PROSPECT

RECEIVED
OCT 28 1955

OPERATOR: John Jarrett, Route #3, Bakersville, N. C.

LOCATION: 0.5 miles S20°E of Bandana, N. C.

This contract has been completed without making a worthwhile discovery of strategic mica. The operator has indicated that no additional exploration will be continued at his own expense, and the field examiners see no justification for additional exploration by amendment to the present contract.

Work completed under contract consisted of two stages. Stage I authorized the excavation of two trenches by bulldozer, described in earlier reports, conducted along the strike of the pegmatite, and requiring 30 hours machine time. Stage II consisted of building an access road requiring 10 hours machine time, a tool house, powder magazine, cap magazine, sinking an inclined shaft to a total depth of 50 feet, and driving a drift a total distance of 80 feet. All underground work was conducted in Trench No. 2; the shaft followed the inclination of the body which varied from -40° to -50°, and all drift work was conducted on the ~~southwest~~ NE end of the body from the shaft bottom. The body varied in thickness from 1.5 to 3.5 feet and was composed of weathered feldspar, scattered quartz, and green muscovite mica. The majority of the mica recovered came from the excavation of the two trenches in Stage I; scant production resulted from underground work.

~~Kurose~~ Anderson

INTERIM REPORT

IMEA-3746, Idm-E525 (mica) RALPH JARRETT PROSPECT

RECEIVED
OCT 1 3 1955

OPERATOR: John Jarrett, Route #3, Bakersville, N. C.

LOCATION: 0.5 miles S20°E of Bandana, N. C.

Drifting continues on this contract and now totals 62 feet. The direction of the work has not changed and continues to the ~~southeast~~ N.E. following the strike of the body. In the present face, the body is about 2 feet thick and is feldspathic with the exception of narrow rind zone at the hanging wall contact composed of quartz and small mica. About 200 pounds of mica has been recovered during the past two weeks works. The enclosing country rocks remain weathered, and the operator was advised to use timber where necessary. Drifting will continue to the ~~southwest~~ N.E. Progress on this contract is satisfactory.

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

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

October 5, 1955

RECEIVED
OCT 10 1955

P. O. Box 217
October 7, 1955

Memorandum

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

From: Administrative Assistant, Electrotechnical Experiment Station, Morris, Tennessee

Subject: Monthly reports and vouchers

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

Idm-E-825
John Jarrett
Docket No. DMEA-3746
3rd payment - month of September
Amount $1500.00

Idm-E-840
J. R. Beam
Docket No. DMEA-3799
3rd payment - month of September
Amount $1586.25

Idm-E-844
C. R. Phillips
Docket No. DMEA-3816
2nd payment - month of September
Amount $568.50

Idm-E-845
Buchanan and Snyder
Docket No. DMEA-3821
2nd payment - month of September
Amount $787.25

Idm-E-855
John Phillips
Docket No. DMEA-3823
1st payment - month of September
Starting Date: 9/1/55
Amount $1002.00

Helen R. Miller

Attachments
/hbm
Copies to Lynch and Laurence
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

26

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED OCT 10 1955

Month of September, 1955 Docket No. DMEA 3746 Contract No. Idm-E825
Operator's Name John Jarrett Minerals Mica
Address Route 3, Bakersville, N.C.
Contract Amount, $ 5316.00 Government Participation: 75 % Amount, $ 3987.00

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		400.00	400.00			
Crosscutting						
40' Drifting @ 35.00 ft.	1400.00		1400.00			
15' Shaft @ 40.00 ft.	600.00	1400.00	2000.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		73.00	73.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Powder Magazine		25.00	25.00			
Exploder Magazine		13.00	13.00			
(8) Contingencies (specify):						
TOTALS	2000.00	1916.00	3916.00	2000.00	1916.00	3916.00

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

Date 10-1-55 *Payee John Jarrett

Per John Jarrett Title Operator

*When 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:

$ 1500.00

Signature Helen R. Mellin
(Authorized Certifying Officer)

Date OCT 7 1955 Vou. No. 69
(See other side)

500.00

(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. E825 in accordance with the terms of the contract.

Signature W. J. Lynch Title Mining Eng. Date 10/6/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date OCT 6 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 10 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1955 Docket No. DMEA 3746 Contract No. Idm-E 825
Operator's Name John Jarrett Minerals Mica
Address Route 3, Bakersville, 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
40' Drifting @ 35.00	Ft.	1400.00	40	1400.00	40	35.00	80	35.00
Crosscutting								
Raising								
15' Shafts @ 40.00	Ft.	600.00	15	2000.00	50	40.00	50	40.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Bulldozing				400.00				400.00
Total Distributed Costs		2000.00		3800.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				78.00				
Powder & Exploder Magazines				38.00				
Total Costs		2000.00		3916.00				

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 10-1-55 Operator John Jarrett

Per John Jarrett Title Operator

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)

W. 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
OCT 10 1955

OPERATOR'S

Monthly Progress Report

September, 1955

DMEA-3746

Idm-E825

Work Accomplished:

We completed the shaft as called for in the contract, and completed 40' of drift. The vein we are following is still about 18" wide, and contains no mica. Excellent progress has been made during the month.

September 1 - 2 : Drilled, shot and mucked. Shaft in vein material.

September 5 - 9 : Continued down with shaft, reaching 50' level. Began drift in direction suggested by field team.

September 12-16 : Drilled, shot and mucked in the drift, following vein material which changed very little.

September 19-23 : Repeated same operations, making good progress. No mica encountered.

September 26-30 : Advanced to 40' with drift. Drilled, shot and mucked. No encouraging changes in vein material. Four men working full time.

INTERIM REPORT

DMEA-3746, Idm-E825 (mica) RALPH JARRETT PROSPECT

OPERATOR: John Jarrett, Route #3, Bakersville, N. C.

LOCATION: 0.5 mile S20°E of Bandana, N. C.

Incline shaft sinking has been completed to a total depth of 50 feet, turnoff has been made from the shaft bottom, and a drift is being driven to the southwest. Twenty-three feet of drift has been accomplished along the body, which has averaged 3 feet in thickness, and contains a gneiss parting near the center about 6 inches in thickness. The body strikes N60°E and dips 40°SE, and is composed of feldspar, minor quartz, and small scattered blocks of muscovite mica. The enclosing biotite and hornblende gneiss is highly weathered, and the operator was advised to use extreme caution in shooting, and to timber where necessary. Mica recovery from level work has been scant. A sale of 1,750 pounds of block mica, produced from all work, has been made to the GSA Depot, Spruce Pine, N. C. Progress on this contract is satisfactory.

Messrs. V. J. Lynch and R. A. Laurence, accompanied the Field Examiners on this visit to the mine.

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

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

September 21, 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13 POST OFFICE BLDG
KNOXVILLE 12, TENN.

RECEIVED
SEP 26 1955

September 21, 1955

Memorandum

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

From: Acting Executive Officer, DMEA - Region V

Subject: Royalty Payments - DMEA Contracts. Region V

Transmitted are royalty payments on the following:

Idm-E704, DMEA-3391 (mica) Joe C. Vance (Joe Mine) $20.56 sold, royalty payment $1.03.

Idm-E825, DMEA-3746, John Jarrett, Ralph Jarrett Mine, $300.02 sold, Royalty payment $15.00.

Wm. A. Beck, for V. J. Lynch

EM.
cc:
Lynch
Nittendorf
Shirley
Files

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

DATE
9-13-55

ACCEPTANCE
B04-115

Certificate Authorization No.
EPS-4-230B

LOT NO.
SPB- 115

RUBY [ ] NON-RUBY [X]	TOTAL LBS'	LBS. of G. S. & Better	LBS. STAINED Mica	TOTAL VALUE
TOTAL PAYMENT				
~~[illegible]~~ INITIAL PAYMENT	1200.00	9.00	20.00	300.02
AMT. DUE GOV. [ ] SELLER [ ]				

Seller: John Jarrett

MINE Ralph Jarrett Mine

Address R#3, Bakersville, N. C.

IMEA-3746, Idm-E825 (mica)

INTERIM REPORT

DMEA-3746, Idm-E825 (mica) RALPH JARRETT PROSPECT

OPERATOR: John Jarrett, Route #3, Bakersville, North Carolina

LOCATION: 0.5 mile S20°E of Bandona, North Carolina

Incline shaft sinking continues on this contract, and is now at 44 feet. Recent shaft sinking has followed two narrow pegmatites separated by 1.5 feet of weathered hornblende gneiss. Both bodies are composed of feldspar, principally, with minor amounts of quartz and occasional small blocks of mica. Recent mica recovery has been scant.

Progress on this contract has been satisfactory.

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

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

September 7, 1955

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
PAYMENTS No. 18

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED
SEP - 9 1955

Month of August, 1955 Docket No. DMEA 3746 Contract No. Idm-E325
Operator's Name John Jarrett Minerals Mica
Address Route 3, Bakersville, N. C.
Contract Amount, $ 5316.00 Government Participation: 75% Amount, $ 3987.00

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						
10hr Bulldozing @ 10.00 hr.	100.00	300.00	400.00			
Crosscutting						
Drifting						
35' Shaft @ 40.00 ft.	1400.00		1400.00			
(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.	78.00		78.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Powder Magazine	25.00		25.00			
Exploder Magazine	13.00		13.00			
(8) Contingencies (specify):						
TOTALS	1616.00	300.00	1916.00	1616.00	300.00	1916.00

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

Date 9-1-55 *Payee John Jarrett

Per John Jarrett Title Operator

*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:

$ 1212.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date SEP 7 1955 Vou. No. 46

(See other side)

404.00

(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. IdnE825 in accordance with the terms of the contract.

Signature Clemency H. Cimos Title Geologist-USGS Date Sept. 6, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Sommers Title EXECUTIVE OFFICER DMEA REGION V Date SEP 6 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
SEP - 9 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1955 Docket No. DMEA 3746 Contract No. Idm-E 825
Operator's Name John Jarrett Minerals Mica
Address Route 3, Bakersville, 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								
35' Shafts @ 40.00	Ft.	1400.00	35	1400.00	35	40.00	50	40.00
Winzes								
Drilling: Core			23					
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
10hrs. Bulldozing @10.00 (Road Access)	Hr.	100.00	10	400.00	40	10.00	40	10.00
Total Distributed Costs		1500.00		1800.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
~~Initial Rehabilitation and Repairs~~ Toolhouse		78.00		78.00				
New Buildings, Improvements, etc.								
Powder & Exploder Magazines		38.00		38.00				
Total Costs		1616.00		1916.00				

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 9-1-55 Operator John Jarrett

Per John Jarrett Title Operator

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) Henry H. Amos
Geologist, USGS
Sept. 6, 1955

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
SEP 9 1955

OPERATOR'S

MONTHLY PROGRESS REPORT

August, 1955

DMEA-3746

Idm-E 825

Work Accomplished:

We bulldozed road access to mine, moved in and set up equipment. We set up mask and boom pole, prepared to lower shaft. We began on vein about 2½' wide, recovering some mica. We have lowered the shaft 35', and have to date recovered about 1000# of mica. Satisfactory progress has been made with no difficulties encountered.

Daily Notes:

August 1 - 5: Bulldozed 10 hours on road access. Moved in air compressor and hoist. Set up mask and boom pole.

August 8 -12: Constructed toolhouse, powder and exploder magazines. Began to lower shaft. Recovered some mica at beginning and vein was about 2½' wide. Drilled, shot and mucked.

August 15-19 : Continued down with shaft. Vein narrowing some. Drilled, shot, and mucked. Recovered small amount of mica.

August 22-26 : Drilled, shot and mucked. Material much the same, vein narrowing. Now about 18" wide, and containing no mica.

August 29-31 : Reached 35' with shaft. Repeated drilling, shooting and mucking operations.

The project was conducted very satisfactorily. Necessary timbering was adequate in both the shaft and drift, and good equipment was used throughout the life of the contract.

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

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

October 19, 1955

NCR

INTERIM REPORT

RECEIVED
SEP - 3 1955

DMEA-3746, Idm-E825 (mica) RALPH JARRETT PROSPECT

OPERATOR: John Jarrett, Route #3, Bakersville, N. C.

LOCATION: 0.5 miles S20°E of Bandana, N. C.

Incline shaft sinking is underway in Trench No. 2 and is now at 23 feet. The incline has followed a pegmatite of variable thickness that has narrowed with depth. The body is predominantly feldspathic, but contains scattered quartz and small to medium-sized blocks of green muscovite mica. About 300 pounds of block mica has been recovered from incline work and approximately 1,000 pounds from trenching by bulldozer as Stage I of the contract. A toolhouse, powder magazine and cap magazine has been built and is now in use. A 105 c.f.m. air compressor, jackhammer, and other necessary drilling equipment, and a single-drum gasoline-powered hoist and conventional hoisting rig is in use.

Cribbing has been extended vertically from the floor of the cut to the original surface, and the incline has been cribbed to the present depth with 2 x 6 inches sawed timbers. All underground workers were advised to wear safety hats. Progress on this contract has been good.

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

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

August 24, 1955

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

August 11, 1955

Memorandum

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

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

Subject: Royalty payment - Idm-E825, DMEA-3746, John Jarrett.
Ralph Jarrett Prospect - Yancey County, North Carolina

Transmitted is a bill-of-sale in the amount of $300.02, and a check for 5% royalty in the amount of $15.00 on the subject contract.

Robert A. Laurence

ZM.
cc:
Lynch
Mittendorf
Sam L. Phillips
Files

RECEIVED
AUG 15 1955

Copy

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

Authorization No. EPS-2105 Acceptance No. BO-4-77 Date: 8/5/55

Seller: John Jarrett (Ralph Jarrett Mining Co) Spruce Pine, N.C.

Mine: Ralph Jarrett Bros. DMEA No. 3746, IdME 825

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb	Amount
Good Stained & Better Grades No. 3 & larger	9.00				$70.00	
No. 4 and 5					$40.00	
No. 5½ and 6					$15.00	
Stained No.3 and larger	15.00	$12.00			$18.00	
No. 4 and 5		$ 5.00			$ 8.00	
No. 5½ and 6		$ 3.00			$ 5.00	
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00			$ 3.00	
LOT TOTALS		//////			//////	
TOTAL Initial Payment				1115.00	/////	300.02

8/10/55
Royalty check #5- $15.00

Division Copy

RECEIVED
AUG - 8 1955

August 5, 1955

Mr. John Jarrett
Route # 3
Bakersville, North Carolina

Re: DMA-3746, Idm-5625 (mica)
Ralph Jarrett Prospect
Mitchell County, N. C.

Dear Mr. Jarrett:

This will confirm the verbal authorization to begin the shaft-sinking under Stage II of the contract, given you by Mr. Teague and Mr. Shirley last week.

Very truly yours,

Robert A. Laurence

RAL/sm.
Cpr. Idm.-3
Finance Office
Lynch
Shirley
File

RECEIVED
AUG - 8 1955

[illegible] REPORT

[illegible]-2746, [illegible]-2325, [illegible] (Mica)

Operator: John Jarrett, Route # 3, [illegible], North Carolina

Location: 0.5 miles S. 20° E. of [illegible], North Carolina

Work on this project began July 25, 1955. Two mica parallel trenches were cut. The south trench is 150 feet long, 12 feet wide, and up to 10 feet deep. The trend is N. 70° E. It explores two mica parallel pegmatites. These pegmatites are about two feet apart and range in thickness from 0" to 18". They are exposed for 50 feet on the strike which is N. 15° E. They dip steeply to the southeast. Those pegmatites are essentially confined to the mixed mica schists and hornblende gneiss rock. Mica is abundant in both pegmatites, but occurs in sizes too small for strategic material. No additional work is recommended from this trench.

Trench No. 2 is about 50 feet north of Trench No. 1. Trench No.2 trends N. 50° E. is 170' long, 12' - 15' wide, and up to 10' deep. The pegmatite trends about N. 60° E and dips 50° SE. It pinches and swells along the strike and has a maximum thickness of 3.5 feet, averaging about 2.5 feet. The pegmatite is exposed along its strike over a length of about 140 feet. It is composed of plagioclase, quartz, and hornblende mica. Mica is relatively abundant with sizes up to 6 inches across. About 200 pounds of mica were recovered during the trenching.

Additional work on the pegmatite exposed in Trench No.2 appears warranted. The operator was given verbal permission to begin stage III.

Site Inspected: July 26 and 27, 1955.

R. L. Brinkley, Mining Engineer
U. S. B. M.

R. [illegible] Sangster and R. L. Amos, Geologists
U. S. G. S.

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

9

Month of July, 195 5 Docket No. DMEA 3746 RECEIVED Contract No. Ic-5325
Operator's Name John Jarrott Minerals Mica
Address Route 3, Belmorsville, N. C. AUG -
Contract Amount, $ 5316.00 Government Participation: 75% Amount, $ 3987.00

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						
30 Hr Bulldozing	300.00		300.00			
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	300.00		300.00	300.00		300.00

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

Date 8-1-55 *Payee John Jarrott

Per John Jarrott Title Operator

*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)

75.00

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

$225.00

Signature Helen R. Mueller
(Authorized Certifying Officer)

Date AUG 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. ..... in accordance with the terms of the contract.

Signature Keyton H. Teague Title Geologist, U.S.G.S. Date 8/3/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title EXECUTIVE OFFICER DMEA REGION V Date AUG 3 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
AUG - 8 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1955 Docket No. DMEA 2746 Contract No. 10-R 825
Operator's Name John Jarrett Minerals Mica
Address Route 3, Bakersville, 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								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
30 hr. Bulldozing @ 10.00	Hr.	300.00	30	300.00	30	10.00	30	10.00
Total Distributed Costs		300.00		300.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		300.00		300.00				

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 8-1-55 Operator John Jarrett

Per John Jarrett Title Operator

→ 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)

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
AUG - 8 1955

OPERATOR'S

Monthly Progress Report

July, 1955

Work Accomplished:

We moved in the bulldozer and bulldozed two trenches as called for in Stage I of the contract. We found a little vein and the field team visited the site on July 26 and approved the remaining work.

Daily Notes:

July 22-23: Moved in bulldozer, began bulldozing first trench.

July 25-27: Completed bulldozing two trenches as called for in Stage I of the contract. Found some vein showing.

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

July 13, 1955

RECEIVED
JUL 15 1955

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Signed Contract: Idm-E825, DMEA-3746 (mica) John Jarrett, R#3, Bakersville, N. C. Ralph Jarrett Prospect.

Transmitted are three signed copies of the subject contract. The usual distribution of the other copies has been made by this office.

V. J. Lynch

2M.
cc:
Finance Office
Lynch
Shirley
Files

600

JUN 27 1955

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

Subject: Docket No. DMEA-3746 - Mica
John Jarrett
Ralph Jarrett Prospect
Mitchell County, North Carolina

Dear Mr. Laurence:

Please find herewith the original and five copies of a contract covering the subject exploration project which have been signed by the Government with register number and effective date. Execution and distribution of these copies are contingent upon the execution and attachment of the copies of the Guaranty of Royalty, the original and five copies of which are enclosed.

The above processing is subject to your approval as well as that of the Operator. Please explain to the Operator that the contract, when executed, is a firm commitment under the terms of which he is obliged 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 N. E. Nelson of the Geological Survey, dated June 3, 1955, and from W. F. Dietrich of the Bureau of Mines, dated June 7, 1955, are enclosed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

WCAnderson:pk 6/22/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Enclosures 16

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

RECEIVED
JUN - 7 1955

June 7, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3746 (mica)

Applicant: John Jarrett

Name and Location of Property: Ralph Jarrett Prospect
Mitchell County, North Carolina

Date of Field Team Report: May 25, 1955

Date Rec'd. by Br. of Ceram. & Fert. Mat.: June 1, 1955

Field Team Recommendation:

1. Approval of contract.

Comments:

1. Mica found in the dump is of strategic quality.

2. 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 with the field team's recommendation for a two-stage exploration project in the amount of $5,313.

Pl[illegible]

W. F. Dietrich

IN REPLY REFER TO:

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

RECEIVED
JUN 6 1955

June 3, 1955

Re: DMEA-3746
John Jarrett
Ralph Jarrett Prospect
Mitchell Co., N. C.
$5,313.00 - Mica

Memorandum

To: L. O. Nock, Defense Minerals Exploration Administration

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

Subject: Review of application

By staging the recommended work on this prospect this application assumes practicality. Apparently it would be expecting too much to ask for $300.00 worth of dozing to be done for the account of the applicant.

I concur with the recommendations of the Field Team.

N. E. Nelson

N. E. Nelson

NENelson:hlm
G-6/3/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
W. F. Dietrich, 3061 Interior

June 6, 1955

Memorandum

To: Files

From: Walter C. Anderson, Nonmetallic Minerals Division

Subject: Evaluation of application and field examination report.
Docket No. DMMA 3746 - Mica
John Jarrett
Ralph Jarrett Prospect
Mitchell County, North Carolina
A contract is recommended.

Mica: Colored both brown and green, clear and free splitting. Some is curved and cracked.

Pegmatite: No exposures for observation. Not much information revealed in report. Estimated thickness at least 4 feet. Country rock is hornblende gneiss exhibits layering and foliation having same altitude as pegmatite. 5-10% mica in dump material indicated.

Old workings: Two inaccessible 25-foot deep shafts and 2 caved adits. No record on past production. No evidence of stoping.

Method of exploration: The field team plan which is approximately the same as proposed by the applicant will be carried out in two stages. Stage I consists of bulldozing for a distance of 200 feet to explore the pegmatite. Stage II will be done only is a promising pegmatite is exposed and will consist of 50 feet of shaft and 80 feet of drifts in pegmatite.

Economics and costs: From the appearance of the dump no country rock will need to be broken and the pegmatite contains 5 to 10% mica. Except for the initial bulldozing cost of $300.00 work will be confined to pegmatite and there will be no rehabilitation costs. Project appears to have promise and therefore a contract is recommended.

Walter C. Anderson, Mining Engineer

WCAnderson:al
7/19/55
cc to: Admr. Reading File
Docket (original)
Mr. Houk
Mr. Anderson
Blue chron.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 27 1955

May 25, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region 5, Knoxville, Tennessee

Subject: Field Examination Report, DMEA-3746 (mica) Ralph Jarrett Prospect, Mitchell County, N. C. John Jarrett, Applicant Bakersville, North Carolina

Enclosed are four copies of the subject examination report and six extra copies of the map.

This pegmatite appears promising for the occurrence of strategic mica and we recommend approval of the two-stage project as outlined in the report.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch, Mining Engineer
U. S. Bureau of Mines

RAL/sm

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION V

On

DMEA-3746, RALPH JARRETT PROSPECT (mica)
Mitchell County, N. C.

BY

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

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

May 5, 1955

FIELD EXAMINATION REPORT

DMRA-3746, RALPH JARRETT PROSPECT (mica)

Applicant: John Harrett, Route # 3, Bakersville, North Carolina

Dumps of inaccessible workings on this property contain considerable mica of strategic quality. It is recommended that exploration assistance be granted - the program to be staged.

The property was examined on May 5, 1955, accompanied by Messrs. John Jarrett and Sam L. Phillips. One hour was spent on the property.

The Ralph Jarrett Prospect is 0.5 airline miles S. 20° E. of Bandana Post Office, Mitchell County, North Carolina on the northeast side of the first knob north of Gouge Knob.

Access is available by road to within 700 feet of the prospect. No surface facilities are present on the property. Manpower and supplies are locally available.

The applicant is competent and has had considerable mica mining experience. He holds the property under a 5 year lease with a 5 year renewal option.

Old works consist of two shallow shafts, both inaccessible and about 25 feet deep, and two caved adits. The size of the dumps indicates that no appreciable amount of stoping was conducted from these openings. Neither the dates of past operations nor amounts of production are known.

No pegmatite in place is accessible for observation. Distribution of openings suggests that the pegmatite strikes about N. 80° E., and dips steeply to the southeast. Hornblende gneiss exposed at the portal of the lower adit (see attached sketch map) exhibits layering and foliation having the same attitude. Pegmatite in the dump consists of plagioclase, quartz, muscovite and garnet, in order of abundance. An estimated 5-10% mica is present in the dumps. No country rock occurs in the dumps from the shafts; thus the body is probably at least about 4 feet thick.

Both brown and green colored mica is present. It is clear and free splitting. Some is curved and cracked.

It is proposed that the pegmatite be exposed for about 200 feet along its strike by bulldozing two trenches. If this reveals promising pegmatite then construct an access road, toolhouse, and two magazines, sink a 50-foot shaft and drive 80 feet of levels from the shaft.

Estimated Costs:

Stage I :	Bulldoze two trenches each about 100' x 15' x 10' deep with a D-4 or equivalent dozer along the strike of the pegmatite, 30 hours @ $10/hr. ...	$300.00	
Stage II:	Construct access road about 700 ft. long with D-4 or equivalent dozer, 10 hours @ $10/hr.	100.00	
Construct:			
	Toolhouse	75.00	
	Powder magazine	25.00	
	Exploder "	13.00	$113.00

Sink and timber (if necessary) a two-compartment 50-foot vertical shaft or incline (30 shifts).

Labor:		
1 - Driller @ $1.50/hr.	$360.00	
1 - Hoistman @ $1.25/hr.	300.00	
1 - Laborer @ $1.00/hr.	240.00	
Equipment (rental):		
Compressor and drill @ $240/Mo.	300.00	
Hoist @ $50/Mo.	62.50	
Supplies:		
Timber, 2000 b.f. @ $60/M	120.00	
Explosives	150.00	
Drill steel	100.00	
Gasoline and oil	120.00	
Small tools	75.00	
Insurance and Social Security	172.50	$2,000.00

Drive 80 feet of drifts or crosscuts 5' x 7' in cross section (30 shifts)

Labor:	
1 - driller @ $1.50/hr.	360.00
1 - hoistman @ $1.25/hr.	300.00
2 - laborers @ $1.00/hr.	480.00
Equipment (rental)	
Compressor, drill, and jackleg, @ $250/Mo.	375.00
Hoist @ $50/Mo.	62.50
Pump @ $40/Mo.	50.00

Supplies:		
Gasoline and oil	$200.00	
Explosives	190.00	
Timber, 1000 b.f. @ $60/M	60.00	
Drill steel	170.00	
Hand tools	75.00	
Miscellaneous	177.50	
Insurance and Social Security	300.00	$2,800.00
Estimated Total Cost.....		$5,313.00

May 17, 1955

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

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

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

APR 27 1955

Mr. Sam L. Phillips
Spruce Pine
North Carolina

Re: Docket No. DMEA-3745 (Mica)
John Jarrett
Ralph Jarrett Prospect
Mitchell County, North Carolina

Dear Mr. Phillips:

In your letter to me of March 30 you state that your landlord will not sign a consent to lien, and you ask . . . exactly what is to be done in cases where the landlord will not sign the regular Owner's Consent to Lien forms.'

We cannot process your application without either the required consent to lien or something in lieu thereof. We would accept, in lieu of the consent to lien, the written guaranty of a responsible third party or the surety bond of a company authorized to write bonds for the benefit of the Government.

The bond can be written on a standard performance bond form, which any surety company will have at hand. There are no forms for the guaranty, but if you wish to use that device please advise us of the name of the proposed guarantor, furnish us with a signed statement of his assets and liabilities, and if we approve we will draft a suitable form for his signature which will be sent to you.

If you wish to use a surety-company bond, it may be necessary to wait until an exploration project contract has been drafted for your signature, as the surety company will need to know the amount of money involved before it can write a bond.

Sincerely yours,

LGHouk:JLHofflund:gjb
4/20/55 - 4/22/55
Copy to: DMEA Docket
Sol. Docket
Adm. R. File
L. G. Houk
J. L. Hofflund
T. H. Kiilsgaard, GS
W. F. Dietrich, BM
Field Team, Region V (2)

Lawrence G. Houk, Chief
Nonmetallic Minerals Division
Chron. File
Pending File

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

Mr. Sam L. Phillips

Spruce Pine, North Carolina

Re: Docket No. DMEA-3746 - Mica
John Jarrett
Ralph Jarrett Prospect
Mitchell County, North Carolina

Rewritten L.G.H. 4/21/55

Dear Mr. Phillips:

Reference is made to your letter of March 30, 1955, requesting the exact procedure when the lessor will not sign the Owner's Consent to Lien forms.

Please be informed that it is required that the applicant furnish an Owner's Consent to Lien. An exception can be made if a diligent effort has been made to secure one and evidence furnished that the landowner will not sign a consent to lien. In such case the Government may accept surety company's performance bond or a third-party guaranty in lieu of an Owner's Consent to Lien. In the present contract form the Operator grants the Government a lien on 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.

Sincerely yours,

Lawrence G. Houk

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

600

APR 2 0 1955

Mr. John Jarrett
Route 3
Bakersville, North Carolina

Re: Docket No. DMEA-3746 - Mica
John Jarrett
Ralph Jarrett Prospect
Mitchell County, North Carolina

Dear Mr. Jarrett:

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. Lawrence, 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 that you may give the members of the field team during the examination will be appreciated.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

WCAnderson
JMcQ:TWK:ad 4/18/55
Copy to: Admr. R. File
Docket
Field Team, Region V
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

APR 20 1955

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

Subject: Docket No. DMEA-3746 - Miss John Jarrett
Ralph Jarrett Prospect
Mitchell County, North Carolina

Dear Mr. Lawrence:

Please review the subject application and arrange for a field examination if you deem it necessary.

We have been informed by Mr. Sam L. Phillips in a letter dated March 30, 1955, copies of which are enclosed, that the landowner who leased the subject property did not sign an Owner's Consent to Lien. If a contract is to be offered the applicant please advise him that in the case of leased property it is mandatory to furnish an Owner's Consent to Lien. An exception can be made if a diligent effort has been made to secure one and evidence furnished that the landowner will not sign a consent to lien. In such case the Government may accept a third-party bond or guaranty in lieu of an Owner's Consent to Lien.

Copies of memoranda from E. L. Newcomb of the Geological Survey, dated April 5, 1955, and from W. F. Dietrich of the Bureau of Mines, dated April 13, 1955, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

WCAnderson
~~JHHopkins~~:ad 4/18/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Approved:

J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

Enclosures 6

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

April 13, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3746 (mica)

Applicant: John Jarrett

Name and Location of Property: Ralph Jarrett Prospect
Mitchell County, North Carolina

Date Application Rec'd. by Br. of Ceram. & Fert. Mat.: April 4, 1955

Comments:

1. No data available in this office on this property.

2. Proposed exploration outlined by the field team is consistent with good engineering practices and estimated costs are in line with other DMEA projects.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis.

W. F. Dietrich

IN REPLY REFER TO:

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

DEPARTMENT OF
Defense Minerals
APR 6 1955

April 5, 1955

Re: DMEA-3746
John Jarrett
(Ralph Jarrett
Prospect)
Mitchell Co., N. C.
$8,165 - Mica

Memorandum

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

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

Subject: Review of application

The applicant proposes to bulldoze a long trench, sink an 85 foot shaft and drift 100 feet.

We do not have any information in our files on the Ralph Jarrett prospect.

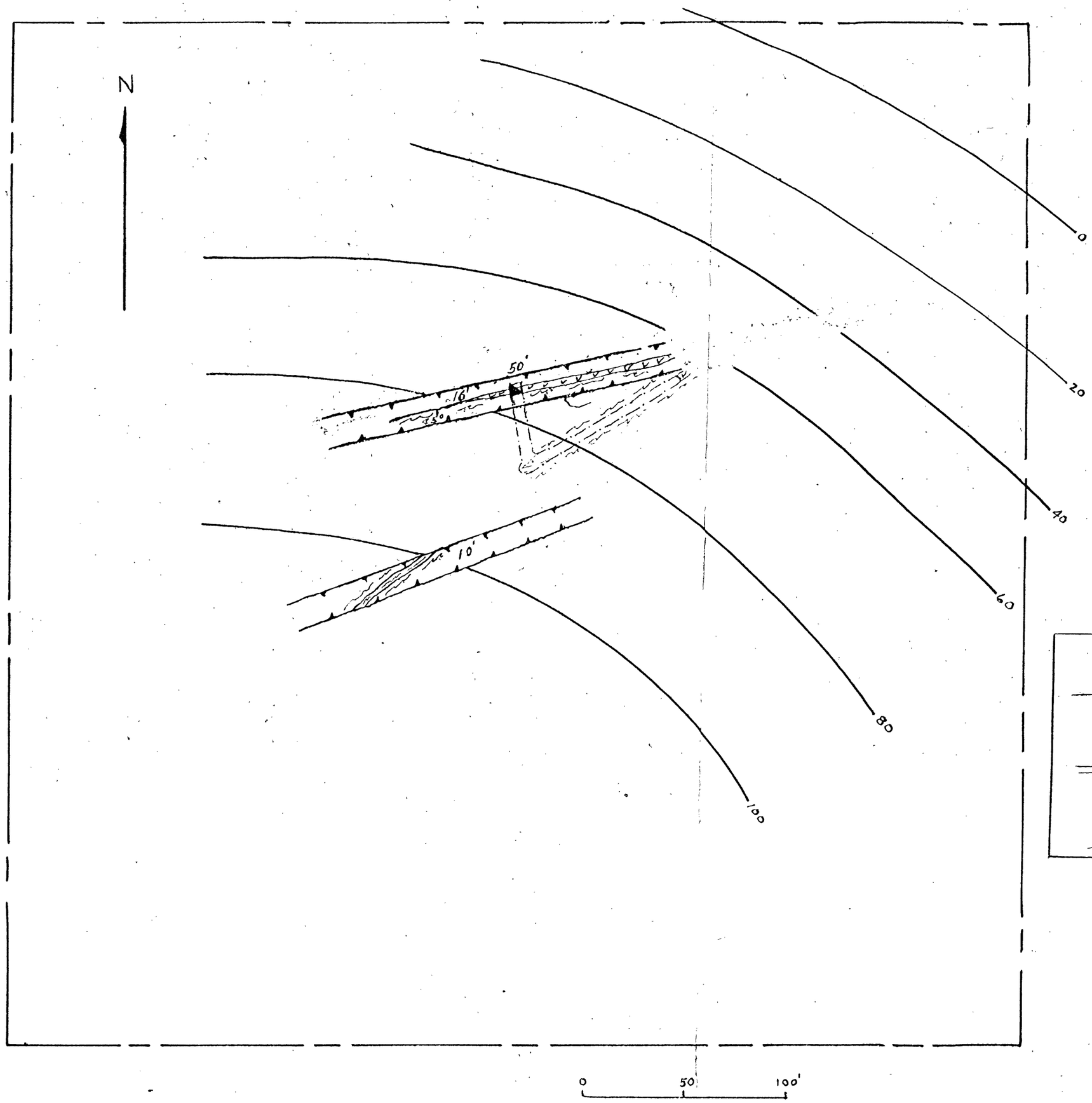
From the limited information in the application there is a strong possibility that further prospecting may be required. Some trenching may be warranted, if mica is exposed on the prospect.

I recommend the application be referred to the Field Team for a possible examination if information in their files indicates a visit to the property is warranted.

E. L. Newcomb

ELNewcomb:hlm
G-4/5/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
W. F. Dietrich, 3061 Interior



LEGEND

- Pegmatite
- property line
- shaft
- cut
- proposed trenches
- dump
- caved adit
- Mica gneiss

0 50 100'

SCALE

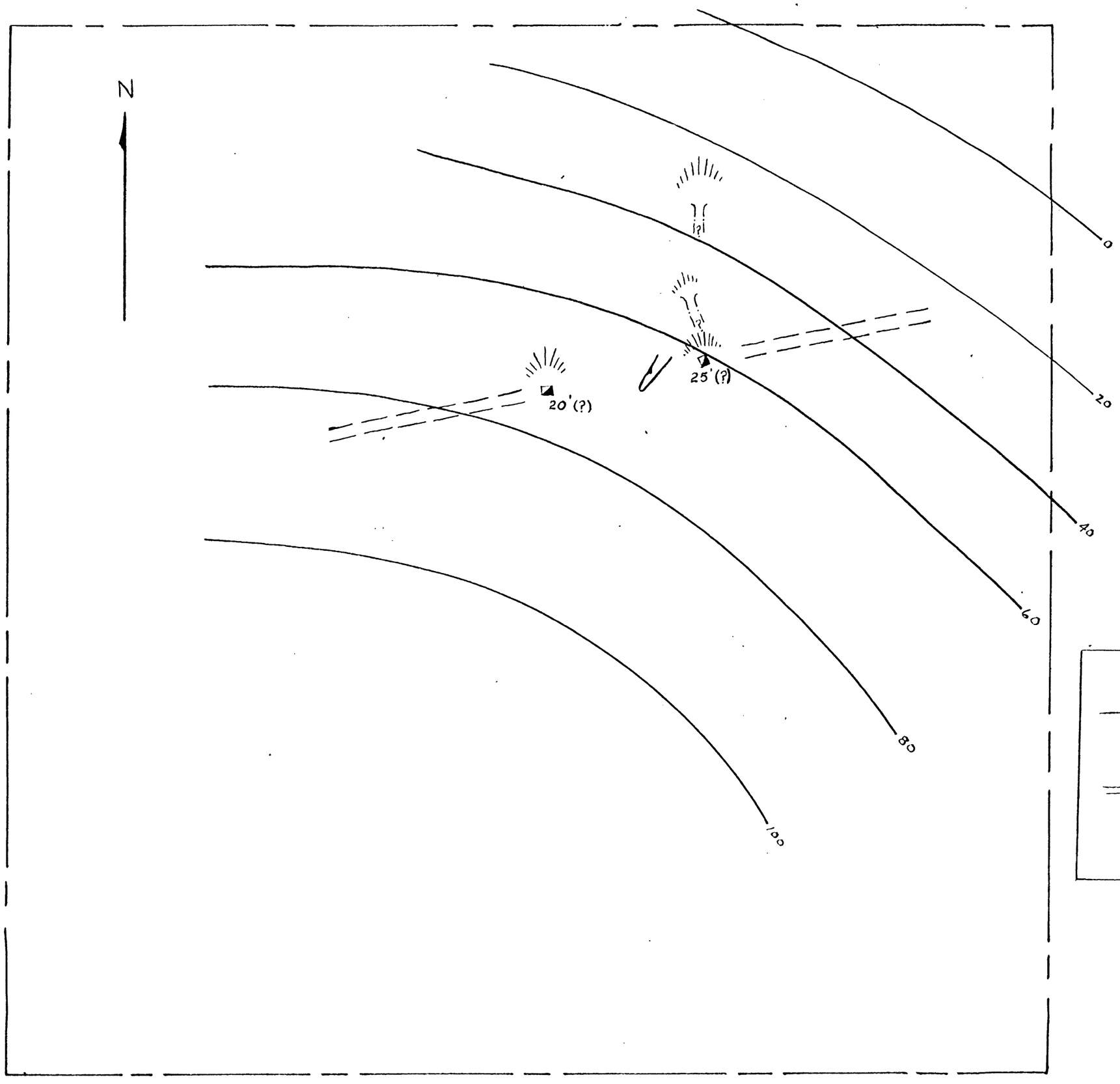
SKETCH OF

RALPH JARRETT PROS.

MITCHELL CO., N.C.

DMEA-3746 (mica)

Nov. 9, 1955



LEGEND

- property line
- shaft
- cut
- proposed trenches
- dump
- caved adit

0 50' 100'

SCALE

SKETCH OF

RALPH JARRETT PROS.

MITCHELL CO., N.C.

DMEA-3746 (mica)

May 5, 1955