DMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE E-1041 DMEA NO. 4387

Application (Denied
(Withdrawn
(After disposition, delete items not applicable)

Contract (Terminated - not Certified
(Cancelled
(Terminated - Certified
(Royalty Agreement

This is the official contract file containing all official records of the project. The records contained in the files are checked and are arranged in this order:

Left Side

Interim Royalty Audits
✓ Reports of Royalty Review
Certification of Discovery
Certificate of Audit (Final)
Interim Audit(s)
Report of Review
Termination Notice or Agreement
Recision Notice
Assignment of Contract
✓ Contract Amendments (latest on top)
✓ Contract with all exhibits and annexes
✓ Owner's Consent to Lien
Subordination Agreement
✓ Leases and assignments of leases
✓ Application and attachments
(3) Envelope for maps

Right Side

Project summary
✓ Work completed analysis
All other material is filed in chronological order with correspondence including the following reports as checked:

✓ Final Field Team Report (Tab)
✓ Operator's Final Report
(2R) ✓ Interim Reports
(2R) ✓ Operator's monthly reports and all attachments (latest on top)
✓ On-site Exam Report(s) (Tab)
(4) Settlement Sheets

When the volume of records is expected to warrant additional folders, or when convenience of reference warrants separate folders for certain records, they should be set up in this order:

Left Side

Folder No. 2: (In chron. order)
Interim Summary Reports by W. O. Engineers

Right Side

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

Folder No. 3: Maps (Use pocket folder or envelope. Fold maps with title block out and show reference to related document or correspondence.)

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

R.C.H.

9776

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Carolina Mining Company
P. O. Box 314
Franklin, North Carolina

pertaining to Exploration Project Contract No. Idm-21041, DMEA No. 4387, including Amendment No. 1, for the months of March 1957 to July 1957, inclusive, covering a project for the exploration of mica on property, known as the Wilson Project located in Jackson County, North Carolina.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, verification of work performed by reference to Field Team reports and correspondence, 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		$5,068.00
Exceptions:		
Prior to this review	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$5,068.00

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 eight hundred one and no/100 Dollars

$3,801.00

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

July 29, 1957

Docket COPY

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DMEA
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DATE	INITIALS	CODE

EXPLORATION PROJECT CONTRACT

DMEA-4387, Idm-E1041 (mica) Jackson County,
North Carolina

AMENDMENT No.1

It is agreed this 12th day of February 1957, between tje United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Carolina Mining Company, a partnership composed of Roy H. Fouts and William, of Franklin, North Carolina, that Exploration Project Contract Idm-E1041, (Docket No. DMEA-4387) dated November 27, 1956, be amended as follows:

ARTICLE 1, is amended to read: " The Operator shall begin work on or befese March 15, 1957, and shall complete the work within 10 months from the date of the contract."

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute nor the agreed unit cost of any item of work.

CAROLINA MINING COMPANY

By William Innes
Partner

By Roy H. Fouts
Partner

THE UNITED STATES OF AMERICA

V. J. Lynch
Acting Executive Officer
DMEA Region V

Do[illegible]t copy

MF-200A
(Rev. April 1956)

RECEIVED DEC 20 1956 D.M.E.A.

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

DMEA No.	*Commodity*	*Contract No.*	*County*	*State*
4387	Mica	*Idm-E* 1041	Jackson	North Carolina

It is agreed NOV 2 7 1956, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Carolina Mining Company, a partnership consisting of Roy H. Fouts and William Dinnes

whose mailing address is P. O. Box 314
Franklin, North Carolina
hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority and project.*—(a) 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 Annex I (land description), Exhibit A (work and costs), and the maps and documents listed therein. The project work is a search for indicated or undeveloped deposits of the commodity designated above. The Operator shall begin the work on or before JAN 1 5 1957, and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within 6 months from the date of the contract.

(b) The description of the work and the fixed cost for each unit of work to be performed (per foot of drilling, per foot of drifting, per hour of operations, etc.) are hereby agreed upon as specified in Exhibit A. The estimated total cost of the project work is $5,068.00. The Government will contribute 75 percent of the fixed unit cost of the work performed, not exceeding $3,801.00, in accordance with the provisions of Articles 4 and 5.

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

ARTICLE 2. *Operator's property rights.*—(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's rights of property and possession therein (whether as owner, lessee, or otherwise), and that such right, title, or interest is subject only to the following claims, liens, or encumbrances: Interest of landowner.

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

(c) 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. 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. Two copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 6 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. *Performance of the work.*—(a) Operator's responsibility.—The work shall be performed diligently, efficiently, expertly, in a workmanlike manner, and in accordance with good mining standards and State regulations governing health, safety, and liability insurance covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work, as specified in Article 1 (a).

(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 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 4. *Contribution by the Government.*—The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5 (b); but all payments by the Government are provisional only, subject to audit, and until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been rendered, the Government may withhold such sums as it sees fit but not in excess of 10 percent of the estimated total cost of the work. 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 will not contribute to the cost of any work performed prior to the date of this contract. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. *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 all pertinent books, documents, papers, and records of the Operator.

(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 6. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after the Operator has rendered a sufficient final report (see Article 5), 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 (for example, if the Operator either transfers or fails to retain his interest in the land), shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, for a period of ten years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

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

(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 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 7. *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 Government may also avail itself of any other remedy the law may provide for breach of contract, including the right to rescind the contract and to demand repayment of all moneys contributed by the Government under the contract.

(c) The giving of any notice by the Government under the provisions of this Article 7 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and liens to secure the payment thereof, and such rights shall be fully preserved.

ARTICLE 8. *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 the mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 9. *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 10. *Changes and added provisions.*—

Robin
Dunyer
"Appd. Sol. Off."
Anderson
Hook
Talbot
Selfridge
Johnson

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C. Mitchell Ogg
Administrator, Defense Minerals
Exploration Administration

CAROLINA MINING COMPANY
(Operator)

By Roy H. Fouts
Roy H. Fouts (Partner)

By William Dinnes
William Dinnes (Partner)

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: 1956—O-383069

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EXPLORATION PROJECT CONTRACT
CAROLINA MINING COMPANY
DOCKET NO. DMMA-4387

ANNEX I

The land referred to in Article 2 of the Contract is known as the Wilson Prospect. It is a five-acre tract held by the Operator under a lease dated March 27, 1956. This five-acre tract is a part of the Wilson property containing 97 acres described in a deed recorded in the Register of Deeds office for Jackson County, North Carolina, in Book 203, Page 152. The Wilson Prospect is about 1,000 feet west of U. S. Highway 23 and 7.75 airline miles S. 20° W. of Dillsboro, Jackson County, North Carolina, (Greens Creek, N. C., Quadrangle TVA, 166-SE, 1/24,000). The land is described as follows:

> Beginning at an iron stake in the center of the mine shown as Point (X) on the attached map entitled "DMMA-4387 (Mica) Wilson Pros. Jackson Co., N. C., 8-6-56" and going North 250 feet, thence East 250 feet, thence South 500 feet, thence West 500 feet, thence North 500 feet; thence East 250 feet to the Point of closure.

MF-203
Revised March 24, 1955

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For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E 1041
Contract Date NOV 27 1956

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CONSENT TO LIEN

To the United States of America:

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

Beginning at an iron stake at the mine and cabin North 250 feet; thence East 250 feet; thence South 500 feet; thence West 500 feet thence North 500 feet; thence East 250 feet to the Beginning. Containing five acres more or less, carved out of the land to T. C. Wilson and wife, Beulah Wilson. Recorded in Deeds of Deeds for Jackson County, N. C., Book 209 Page 152.

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

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

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

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

NONE

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

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

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

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

5. Added provision: _____

_____

_____

_____

_____

_____

_____

_____

Dated this _____ day of _____, 195__.

Monroe L. Wilson [Seal]

Walter L. Wilson [Seal]

Beulah Wilson [Seal]

ROUTE #2

SYLVA, NORTH CAROLINA

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

_____

[Corporate Seal]

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DEC 20 1956
DMEA

EXPLORATION PROJECT CONTRACT
CAROLINA MINING COMPANY
DOCKET NO. DMEA-4387

EXHIBIT A

Description of the Work

Exploration for concentrations of strategic mica shall be performed in the area indicated on the attached map referred to in Annex I, as follows:

1. Construct:

(a) A toolhouse, minimum dimensions 7 feet by 8 feet by 10 feet.
(b) A powder storage magazine, minimum dimensions 4 feet by 3 feet by 2½ feet.
(c) An exploder storage magazine, minimum dimensions 2 feet by 1½ feet by 1 foot.

The toolhouse may be unflooored; shall be made from unfinished lumber, with 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 shall be securely locked with the equivalent of a 5-tumbler jarproof lock.

2. From the top of the existing 8-foot deep winze indicated on the attached map, raise to the surface for a distance of 5 feet, and then, from the bottom of the winze, sink a 2-compartment shaft to a depth of not more than 50 feet.

3. Explore the pegmatite by driving, from or near the bottom of the shaft, not more than 80 feet of drifts and/or crosscuts.

The shaft and the drifts and/or crosscuts shall be timbered as necessary and shall have minimum cross-sectional dimensions of 5 feet by 7 feet in the clear of timber. All work shall be performed on the pegmatite or in as close proximity thereto as possible.

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

Fixed Unit Costs

1. Construct - Toolhouse 1/	$76.00		
- Powder Magazine 1/	25.00		
- Exploder Magazine 1/	15.00	$ 116.00	
2. Raising 5 feet of shaft @ $22.40/ft.		112.00	
3. Sinking 50 feet of shaft @ $44.00/ft.		2,200.00	
4. Driving 80 feet of drifts and/or crosscuts @ $33.00/ft.		2,640.00	
Estimated Total Cost of Project			$5,068.00
Government Participation @ 75%			$3,801.00

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JUL 20 1960

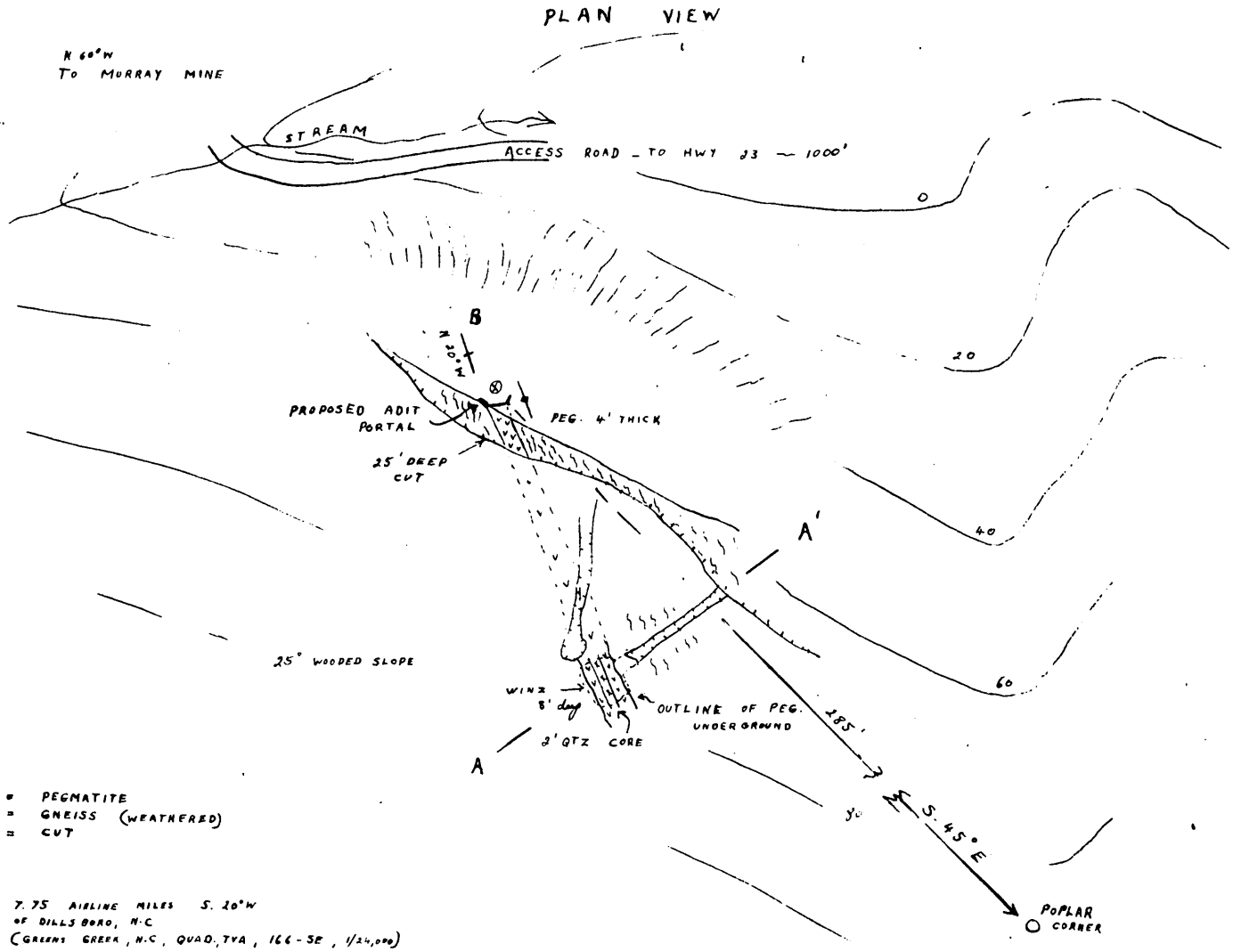
1/ The completed work constitutes the unit.

DMEA-4387 (MICA)

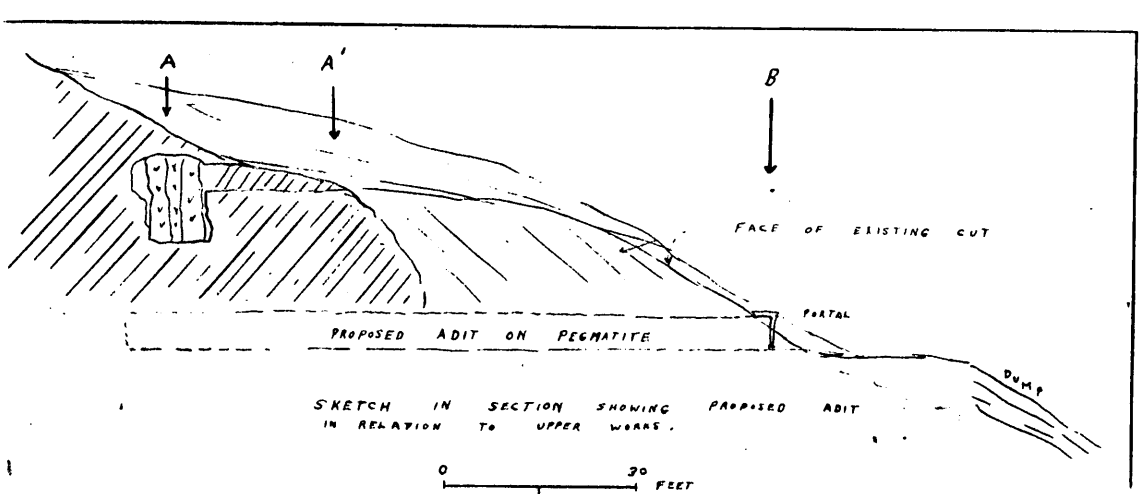
WILSON PROS.

JACKSON CO, N.C.

8-6-1956



LOCATION: 7.75 AIRLINE MILES S. 20°W OF DILLS BORO, N.C
(GREENS CREEK, N.C, QUAD., TVA, 166-SE, 1/24,000)



SKETCH IN SECTION SHOWING PROPOSED ADIT IN RELATION TO UPPER WORKS.

TAYLOR 8-11-56

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DEC 20 1955

MINING LEASE

STATE OF NORTH CAROLINA
COUNTY OF JACKSON

This Lease Agreement, made and entered into this the 27th day of March, 1956, by and between W.C. Wilson and wife, Beaulah Wilson and Monroe L. Wilson, Party of the first part, and Carolina Mining Company, party of the second part.

W I T N E S S E T H:

That subject to the terms and conditions hereinafter set forth said parties of the first part have let and leased and by these present do hereby let and lease unto said party of the second part, its successors and assigns, the right and privilege to mine, dig, mill, process and remove all mica, clays, rocks, and other minerals now in, under or upon a certain tract or parcel of land lying and being in Jackson County, North Carolina, and more particularly described and bounded as follows: Beginning on a large Spanish oak on top of a ridge on the East side of the creek and runs S. 89½ W. 59 poles and 11 links, crossing the creek to a stone in the West bank of the road; thence S.88½W. 40 poles and 5 links to a poplar; thence S. 23 W. 9 poles to a chickory on top of a ridge; thence S. 85 W. with top of said redge 29½ poles to a spanish oak; thence N.81W. 27 poles and 13 links to a locust stump; thence N. 80W. 100 poles to a stake and pointers on curve of mountain; thenceN.10E. 80 poles to a stake on the North side of ridge; thence S. 80 E. 15 poles to a stake in the line of Grant Number 15665; thence N. 25E. 24 poles to a forked chestnut, V.P. Jones corner; thence S. 45 E. 12 poles to a chestnut; thence N.80E 43 poles to a stake on top of the ridge; thence N. 32 E. 2½ poles to a stake, A.C. Wilson's corner; thence S. 31½ E 44 poles to a dogwood on top of a ridge; thence S. 46 E. 49 poles to a blackgum; thence S. 67 E 32 poles to a hickory on North bank of a branch; thence East down the branch as it meanders 25 poles to a stake in the mouth of said branch; thence N. 20 E. 3 poles down the creek to a large rock on the East bank of said creek; thence N. 89½ E. 44 poles to a stake in the East boundary line; thence South 28 poles to the Beginning, containing 97 acres, more or less. Recorded in Register of Deeds for Jackson County, North Caroline, Book 203, Page 152.

The terms and conditions of this lease are as follows:

Unless sooner terminated as herein provided, this lease shall exist and continue until the 27th day of March 1959.

As rental, party of the second part, or their duly constituted agent, shall pay or cause to be paid to parties of the first part, or their duly constituted agent, the following;

(1) Five percent (5%) of the market value of all scrap Mica mined and removed.

(2) Ten percent (10%) of the market value of all other Mica and clays mined and removed.

(2) Ten percent (10%) of the market value of all other Mica and clays mined and removed.

(3) Ten percent (10%) of the market value of all other minerals mined and removed.

(4) Five cents ($.05) per ton for all rock mined and removed.

Said rental shall be paid monthly on or before the 15th day of each calendar month of all sums due for the proceding month.

Party of the second part shall keep a correct record of all mica, clays, rock and other minerals mined and removed under this lease, and such records may at any time be inspected by parties of the first part, or their duly constituted representative, for the purpose of ascertaining the amount of rental due on or at any rental payment date. Party of the second part shall furnish to parties of the first part a duplicate invoice of all mica, clays, rock and other minerals sold.

So long as this lease remains in force, party of the second part shall in connection therewith have and enjoy the following rights and privileges:

(a) The right to the use of the surface of said land to the full extent that such use is reasonably convenient or necessary in mining, digging, and removing said mica, clays, rock and other minerals.

(b) The right to construct and place upon said land buildings and machinery and to remove the same.

(c) The right to construct and maintain roads in such locations as may be necessary or convenient in operating under this lease, together with the right to cut and remove timber to clear such roadways.

(d) The right to cut and remove such timber as may be reasonably necessary or convenient for such operation.

It is expressly understood and agreed that the mining operation under this lease shall begin within six month from the date hereof, and failure to operate under this lease, on a commercial basis, after operation have begun, for a period of six month, shall terminate this lease. Failure to pay the rental as hereinabove provided, when due, shall also terminate this lease.

It is further expressly understood and agreed that party of the second part, its successors and assigns, shall have the right to extend the term of this lease for an additional period of three (3) year, beginning on the day of this lease, upon the same terms and conditions as hereinabove set out, provided the parties of the first part are notified by parties of the second part at least thirty (30) days prior of its termination of said lease, and provided further that this lease has not sooner terminated as hereinabove provided.

If operation is not completed at the end of the above mentioned 3 years, it is expressly understood and agreed that the party of the second part may continue to operate until such operation is completed, provided however; that lease has not sooner terminated.

If the estate of either party hereto, is assigned, and the privilege of assigning is whole or in part is expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, successors or assigns, but no change in the ownership or assignment of rental or royalties shall be binding on the leassee until after the lessee has been furnished with a written transfer or assignment or a true copy thereof; and it is hereby agree in the event this lease shall be assigned, as to a part or parts of the above described lands and the assignee or assignees of such parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease in so far as it covers a part or parts of said lands which the said lessee or any assignee thereof shall made due payment of said rental.

If at any time there be as many as four parties entitled to rental or royalties, lessee may withhold payments thereof unless said parties designate in writing, in a recordable instrument to be filed with the lessee, a common agent to receive all payments due hereunder, and to execute division and transfer orders on behalf of said parties and their respective successors in title.

IN TESTIMONY WHEREOF, said parties hereto have executed this Lease Agreement in triplicate, one of which is retained by each of the parties, and one for Defense Minerals Exploration Administration, Washington, D.C., the day and year first above written.

W. C. Wilson (SEAL)
Beulah Wilson (SEAL)
Monroe L. Wilson (SEAL)

CAROLINA MINING COMPANY

By Roy H. Fouts

By William Dinnes

STATE OF NORTH CAROLINA
COUNTY OF JACKSON

Personally appeared before me this day W. C. Wilson and wife Beulah Wilson and Monroe L. Wilson, single, and Roy H. Fouts and William Dinnes, trading as Carolina Mining Company, who acknowledged the due execution of the foregoing lease agreement for the purposes therein expressed.

WITNESS my hand and notarial seal, this the 28th day of March, 1956.

Marie Jennings
Notary Public, of Macon County, N. C.

July 26, 1956
My Commission Expires

STATE OF NORTH CAROLINA
JACKSON COUNTY

The foregoing or annexed certificate of Marie Jennings a Notary Public of Macon County, attested by his/her Notarial seal, is adjudged to be correct and in due form of the law.
Let the said instrument and the certificates be registered.

This 1 day of May 1956.

Margaret W. Henson
Clerk Superior Court.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
JUL 18 1956

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

Not to be filled in by applicant

Docket No. 4387.
Metal or Mineral Mica
Date Received 7-18-56
Estimated Cost $6,000.00
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: CAROLINA MINING COMPANY, A partnership consisting of;
Roy H. Fouts & William Dinnes
P. O. Box 314,
Franklin, North Carolina

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land not to be included in the exploration project contract Being a tract of land described in M[illegible] Carved out of a deed to W. C. Wilson and wife Beulah Wilson, Reco[illegible] Register of Deeds for Jackson County, North Carolina, Book #203 Page 152.

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

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

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

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

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

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

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

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

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. 1000' from Highway 441, accessible by road, 8 miles from Franklin, N.C.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. 16—66551-1
Manpower plentiful, materials & supplies fair, water & electricty on the property, Equipment can be had in Atlanta, Ga., Spruce Pine, N. C. or Knoxvill[illegible] Tenn. Each of which are just over, 100 miles away.

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

.....

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on G[illegible]t participation (Sec. 7, DMEA No. 1)?

[illegible] do you propose to furnish your share of the costs?

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated ....., 195..

.....
(Applicant)

By [illegible]

[illegible]

.....

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

EXHIBIT "A"

4 - a - This prospect has never had a large amount of work done on it. There has been an adit driven in and cut the pegmatite which carries a well defined zone, which contains a massive quartz core. This adit is about 20' long. The applicant has taken a dozer and exposed the strike which can easly be inspected by the Field Team.

b - Since this is a new prospect there is no production figures available however; samples of mica are available which represent good stained muscovite Ruby Mica.

c - The outcrop is on a steep slope with prominent massive quartz in the pegmatite, flanked by decomposed, country rock on one side and clay kolan and gneiss on the other,,with feldspar interwoven. Blocks of mica occur along the quartz.

5 - b - Since the applicant has already completed the mine stripping exposing the strike of the pegmatite we would like to see a 100 foot of adit and/or crosscut and/or incline on the pegmatite having minimum cross-sectional divisions of 5 feet by 7 feet in the clear of timbers, as it will be necessary to timber.

d - The applicant is associated with Mica Development Corporation, supervising the mining, extraction and prepairing mica for market for the past years and selling it to meet the specifications of Government stockpiling depot.

Mr. W. C. Wilson will supervise the operation and is familiar with like operations.

EXHIBIT "B"

6 - - Estimate of Cost

1 - 100 feet of drift @ $35.00 per foot - - - - - - - - -$ 3,000.00

Mine Tool Shed - - - - - - - - - - - - - - - -		$ 75.00
Magazine for Dynamite- - - - - - - - - - - -		25.00
Magazine for exploders - - - - - - - - - - -		13.00
Power Line - - - - - - - - - - - - - - - - - -		150.00
Labor:		
Foreman- - - - - - - - - -	$ 12.00	
Driller- - - - - - - - - -	10.00	
Mucker - - - - - - - - - -	8.00	
Per day ~~0 0 0 0~~ - -	$ 30.00	
$30.00 per day and 50 days to complete contract - - - - - - - - - - - - - -		1,500.00
Dynamite & Exploders - - - - - - - - - - - - -		275.00
Drill Steel - - - - - - - - - - - - - - - - - -		69.50
Mine Timber- - - - - - - - - - - - - - - - - -		300.00
Gas, Oil, Grease & Repairs - - - - - - - - -		175.00
Rental on equipment- - - - - - - - - - - - - -		400.00
Contingencies- - - - - - - - - - - - - - - - -		17.50
		$ 3,000.00

$ 3,000.00

2737.00

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/13	[illegible]	600
2/14	Houk	600
2/14	[illegible]	800
2/19	[illegible]	120
"	[illegible]	110
"	[illegible]	100
2/20	C	220
		600

600

FEB 19 1958

Carolina Mining Company
P. O. Box 314
Franklin, North Carolina

Re: Docket No. DMEA-4387-Mica
Carolina Mining Company
Roy H. Fouts and
William Dinnes
Wilson Prospect
Jackson County, North Carolina
Contract No. Idm-E1041

Gentlemen:

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,

C. O. Mittendorf

Administrator

WCAnderson:rsi 2/7/58
Copy to: Admr. R. File
Mr. Chambers
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Monroe L. Wilson
Mr. Walter C. Wilson
Mrs. Beulah Wilson

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/13	Anderson	600
2/14	Hirsh	600
2/14	Talbert	800
2/19	Selfridge	120
"	Johnson	110
"	Mittendorf	100
		220

600

FEB 19 1958

Mr. Monroe L. Wilson
Route 2
Sylva, North Carolina

Re: Docket No. DMEA-4387-Mica
Carolina Mining Company
Roy H. Fouts and
William Dinnes
Wilson Prospect
Jackson County, North Carolina
Contract No. Idm-E1041

Dear Mr. Wilson:

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

This correspondence relates to the undated Consent to Lien signed by you.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

WCAnderson:rsi 2/7/58
Copy to: Admr. R. File
Mr. Chambers
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/13	Anderson	600
2/14	Houk	600
2/14	Tolfsrud	800
2/19	Selfridge	120
"	Johnson	110
"	Mittendorf	100
		220

600

FEB 19 1958

Mrs. Beulah Wilson
Route 2
Sylva, North Carolina

Re: Docket No. DMEA-4387-Mica
Carolina Mining Company
Roy H. Fouts and
William Dinnes
Wilson Prospect
Jackson County, North Carolina
Contract No. Idm-E1041

Dear Mrs. Wilson:

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

This correspondence relates to the undated Consent to Lien signed by you.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

WCAnderson:rsi 2/13/58
Copy to: Admr. R. File
Mr. Chambers
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/13	Anderson	600
2/14	Houk	600
2/14	Talbert	800
2/19	Selbrede	120
2/19	Johnson	110
"	Mittendorf	100
		220

600

FEB 19 1958

Mr. Walter C. Wilson
Route 2
Sylva, North Carolina

Re: Docket No. DMEA-4387-Mica
Carolina Mining Company
Roy H. Fouts and
William Dinnes
Wilson Prospect
Jackson County, North Carolina
Contract No. Idm-E1041

Dear Mr. Wilson:

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

This correspondence relates to the undated Consent to Lien signed by you.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Enclosure

WCAnderson:rsi 2/13/58
Copy to: Admr. R. File
Mr. Chambers
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/13	Anderson	600
2/14	Hoch	600
		110
		100
		220

600

February 13, 1958

Project Summary Report

By: Walter C. Anderson, Division of Nonmetallic Minerals

1. Docket No. DMEA-4387-Mica
Contract No. Idm-E1041
Wilson Prospect
Jackson County, North Carolina

Application: Form MF-103(April 1952) received July 18, 1956.
Work Proposed by Applicant:

100 feet of drift @ $30.00/ft.	$3,000.00
Total amount requested	$3,000.00

Operator: Carolina Mining Company
P. O. Box 314
Franklin, North Carolina

Operator's Property Rights: Three year mining lease on the W. C. Wilson, et al. property, consisting of 97 acres, more or less, dated March 27, 1956. Consent to Lien, undated.

2. Contract: Form MF-200A (April 1956), dated November 27, 1956.
Work Authorized:

Construction- Toolhouse, powder & exploder magazine	$116.00
Raising 5 feet of shaft @ $22.40/ft.	112.00
Sinking 50 feet of shaft @ $44.00/ft.	2,200.00
Driving 80 feet of drifts and/or crosscuts @ $33.00/ft.	2,640.00
Estimated total cost of project	$5,068.00
Government participation @ 75%	$3,801.00

Amendments: No. 1, 2/12/57 - Extended starting date from January 15, 1957 to March 15, 1957, and completion date from May 27, 1957 to September 27, 1957.
Work Completed: Same as authorized.
Work began on March 14, 1957 and was completed on July 17, 1957. Field Team Final Report received July 29, 1957. Operator's Final Report received July 23, 1957. No equipment purchased under contract. Value of production during project - none.

3. Audit: Report of Review issued July 29, 1957.

Total accepted cost	$5,068.00
Government participation @ 75%	$3,801.00

4. Certification of Discovery - None issued.

8623

5. Comments:

How Conducted: All of the work in which the Government participated was acceptable.

Operation: Good.

Engineering: Reporting by Operator was acceptable.

Geologic Premise: That a strong mica-containing pegmatite as indicated at the surface would prevail laterally and downward, was wrong.

Geologic Criteria upon which work was based:

1. Pegmatite: Conformably emplaced in weathered mica gneiss, four feet thick, exposed for 90 feet along strike, consisting of a quartz core, with fine-grained kaolinized plagioclase and quartz, and muscovite on the one contact, and larger feldspar, quartz, and muscovite on the other.

2. Mica: Hard, flat, clear ruby, minor ruling, and up to 6 inches wide.

Geologic Criteria developed during project:

1. Pegmatite: Unzoned, concordant, with a maximum thickness of 4.5 feet, pinching and swelling along both strike and dip, at drift level it pinches out completely at 25 feet in one direction, and to four inches at 47 feet in the opposite direction. Consists of plagioclase, perthite, quartz, and muscovite. Quartz core present at surface, but no zoning at drift level.

2. Mica: Ruby, small in size, bent and cracked.

Future Possibilities: None, since only 25 pounds of "mine run" mica was recovered from the work under the contract.

Recommendations: As the pegmatite is limited in extent and contains only a small amount of non-strategic mica, the Field Team recommends no certification. The Division of Nonmetallic Minerals and the Commodity Members of the Bureau of Mines and Geological Survey concur.

Walter C. Anderson

Walter C. Anderson
Division of Nonmetallic Minerals

WCAnderson:rsi 2/13/58
Copy to: Admr. R. File
Mr. Houk

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

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 9 1957

DATE	INITIALS	CODE
8/9	O.K.	220
8/12	[illegible]	600
August 8, 1957		

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4387 (mica)

Applicant: Carolina Mining Company

Name and Location of Property: Wilson Prospect, Jackson County, N. C.

Contract Number: Idm-E 1041

Date of Field Team Report: 7/24/57

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 8/2/57

Field Team Recommendation: Recommend that no certification of discovery be issued.

Comments:

1. A contract was awarded in November 1956 for exploration work on a pegmatite which had been exposed by trenching and an 8 foot winze from which 50 pounds of mine-run mica was reported to have been recovered.

2. The contract work consisted of sinking a 50-foot shaft, 9 feet of crosscutting to reach the pegmatite vein and 78 feet drifting of the vein.

3. Only a small quantity of nonstrategic mica was recovered during exploration.

4. Expenditures -

Total approved	$5,068.00
Total cost	5,068.00
Gov't. share of the cost	3,801.00
Value of production during operation	None

Recommendation:

I concur with the recommendation of the field team that no certification be issued.

W. F. Dietrich

W. F. Dietrich

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

Final

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 5

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July 195 7 Docket No. DMEA 4387 Contract No. E-1041
Operator's Name CAROLINA MINING COMPANY Minerals Mica
Address P.O. Box 314, Franklin, N.C.
Contract Amount, $ 5,068.00 Government Participation: 75% Amount, $ 3,801.00

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 Raising	none	112.00	112.00			
Bulldozing						
Crosscutting/or drift	1584.00	1056.00	2640.00			
Drifting Sinking	none	2200.00	2200.00			
(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	none	116.00	116.00			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1584.00	3484.00	5068.00	1584.00	3484.00	5068.00

RECEIVED AUG 9 1957 D.M.E.A.

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 5/19/57 *Payee CAROLINA MINING COMPANY
Per Jay H. Fowler Title Partner

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 1188.00
Signature Helen R. Meier (Authorized Certifying Officer)
Date AUG 5 1957 Vou. No. 20
(See other side).

396.00

(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. DMA E104 in accordance with the terms of the contract.

Signature Henry H. Curos Title Geologist-USGS Date July 23, 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title DMEA REGION V EXECUTIVE OFFICER Date JUL 31 1957 DMEA REGION V EXECUTIVE OFFICER

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 195 7 Docket No. DMEA 4387 Contract No. E-1041

Operator's Name CAROLINA MINING COMPANY Minerals Mica

Address P.O. Box 314, Franklin, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting /or drift	Ft	1584.00	48	2640.00	80	33.00	80	33.00
Crosscutting	Ft	none	none	112.00	5	22.40	5	22.40
Raising Sinking Shafts	Ft	none	none	2200.00	50	44.00	50	44.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1584.00		4952.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		none		116.00				
TOTAL COSTS		1584.00		5068.00				

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 5/19/57 Operator CAROLINA MINING COMPANY

Per [signature] Title Partner

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

REMARKS:

(Instructions on reverse)

(For Government use only)

RECEIVED AUG 9 1957 DMEA

Henry H. Amos
Geologist
U.S.G.S.

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

NARRATIVE

MONTHLY REPORT FOR

July 1957

CAROLINA MINING COMPANY
P.O. Box 314
Franklin, North Carolina

Contract Idm-E-1041
DMEA - 4387 - Mica
Wilson Prospect
Jackson County, N.C.

Date	Discription of Work
July 1957	
1 -	Drilled and blasted - Mucked.
2 -	Drilled and blasted - Mucked.
3 -	Mucked - Timbered - Drilled and blasted.
4 -	Worked all day - Mucked, drilled and blasted.
5 -	Mucked - Timbered - drilled and blasted.
6 -	Mucked - Drilled and blasted.
7 -	Sunday No work - This is the only day we do not work.
8 -	Mucked - Drilled and blasted - Mucked.
9 -	Drilled and blasted - Trouble with Hoist - Worked into the night and had it repaired.
10 -	Mucked - Drilled and blasted.
11 -	Mucked - Drilled and blasted - trouble with blower. Repaired same at night and put on extra blower tubing.
12 -	Mucked - Drilled and blasted - Mucked.
13 -	Finished mucking out, drilled and blasted.
14 -	No work - Rest on Sunday.
15 -	Mucked out, Drilled and blasted. We try to blast when we quit in order to not have to overwork the blower.
16 -	Mucked - Drilled and blasted - started mucking.
17 -	Finished mucking, drilled and blasted.
18 -	Mucked out, drilled and blasted - Mucked, both ends of the Vein look very thin. Contract Completed. Pulled out Power line which is used for lights.

EXTRA COPY
D M E A
RECEIVED AUG 9 1957

DATE	INITIALS	CODE

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

IN REPLY REFER TO:

5 1957

	INITIALS	CODE
8/6	P.K.	220
8/6	Houk	600

August 2, 1957
Re: DMEA 4387, Idm-E1041
Carolina Mining Company
Wilson Prospect
Jackson County, North Carolina
Mica

Memorandum

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

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

Subject: Review of Field Team Final Report

The contract, awarded in Nov. 1956, approved the expenditure of about $5,068.00 in raising, shaft sinking and drifting on a pegmatite from which a small quantity of mica has been recovered. The $5,068.00 was spent.

The shaft was sunk 50 feet, for the most part in the footwall of the pegmatite, and a short crosscut was necessary to reach the pegmatite at the 50-foot level. Where drifted upon at the 50-foot level the pegmatite carried little or no mica of strategic value and the vein practically pinched out in the drifts north and south from the crosscut. In plan the pegmatite is bow shaped and 78 feet long in the drifts.

As the pegmatite appears to contain little or no mica of strategic grade, the examiners and Field Team recommend that no certification of discovery be issued.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

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

July 24, 1957

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DMEA
RECEIVED JUL 29 1957

DATE	INITIALS	CODE
7/29	P.K.	220
"	FEG	110
		130
		220
8/6	Conn	100
8/6	Hmb	

Memorandum

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

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

Subject: Final Report, DMEA-4387, Idm-E1041 (Mica)
Carolina Mining Company, Box 314, Franklin, N. C.
Wilson Prospect, Jackson County, North Carolina

Enclosed are the original and two copies of the subject report.

It is recommended that no certification of discovery be issued.

Robert A. Laurence
Robert A. Laurence
Executive Officer

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

Field Team
Final Rpt

Enclosures 3

Reviewed by
DMEA OPERATING COMMITTEE
8-2-57
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 29 1957

DATE	INITIALS	CODE
		13 ~~02~~
		220

FINAL REPORT

DMEA FIELD TEAM, REGION V

DMEA-4387, Idm-E1041, WILSON PROSPECT - Mica
Jackson County, North Carolina

By

S. C. Bergman and D. H. Amos, Geologists
U. S. Geological Survey

and

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

July 24, 1957

Reviewed by
DMEA OPERATING COMMITTEE
8-2-57
(date)

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RECEIVED
DATE CODE

EXPLORATION PROJECT

FINAL REPORT

On

DMEA-4387, Idm-E1041, WILSON PROSPECT - Mica

Operator: Carolina Mining Company, Box 314, Franklin, North Carolina

Summary

Exploration conducted at this prospect indicated that the pegmatite has only limited strike extent ~~and does not contain strike extent~~ and does not contain strategic mica. It is recommended that no certification of discovery be issued.

Introduction

Location

The Wilson prospect is about 1000 feet west of U. S. Highway 23 and is 7.75 airline miles S. 20° W. of Dillsboro, Jackson County, North Carolina (Greens Creek, N.C., TVA Quad. 166-SE, 1/24,000).

Work Prior to Contract

The only work conducted at this prospect prior to this contract consisted of limited surface and near-surface exploration. Workings consisted of two trenches (100 ft. long x 25 ft. deep and 21 ft. long x 4 ft. wide), a small pit, a 2-foot adit, and an 8-foot winze at the head of this adit. These workings are shown on the map attached to the DMEA Field Examination Report. They have been destroyed by subsequent bulldozing which was done at the Operator's expense during the life of the contract. At least 50 pounds of "mine-run" mica is reported to have been recovered from the workings.

Work Conducted under Contract

All the work outlined in the contract was completed. This consisted of constructing a toolhouse, powder magazine and exploder magazine; raising 5 feet of shaft; sinking 50 feet of shaft; and driving 80 feet of levels. After raising the 5 feet of shaft from the head of the adit to the surface as provided for in the contract, the Operator bulldozed down to the level of the floor of the old adit at his expense to provide for a safe and efficient operation. This was done with the Field Team's approval. A total of 50 feet of shaft was sunk at an average inclination of -72° in a westerly direction. The shaft was made 5 ft. x 7 ft. in cross-section with a partitioned manway and was timbered except for about the lower 15 feet. From the bottom of this shaft, a cross-cut was driven 9 feet almost due west. Drifts totaling 73 feet were driven from the head of the cross-cut; 25.5 feet in a NNE direction and 47.5 feet SSE (see attached map). Two feet of level work was done at the Operator's expense.

Geology

A concordant pegmatite having a maximum thickness of 4.5 feet was revealed in the upper portion of the shaft and in the drifts. The body pinches and swells along both strike and dip. It pinches out completely in the head of the south drift and thins to four inches in the head of the north drift. The pegmatite occurs along a fault and is locally displaced small distances by later faults. The attitude of the body is locally variable; in general, it dips steeply to the west and strike about north-south (see attached map).

The pegmatite consists of plagioclase, perthite, quartz and muscovite. A medial quartz core is present at the surface but no zoning is evident at the level of the drifts. The muscovite is ruby-colored, small in size, bent and cracked. Some is mineral stained. About 25 pounds of "mine-run" mica was recovered from the work done under the contract none of which is of strategic quality.

Recommendation

As the pegmatite has only limited strike extent and contains only a small amount of mica which is not of strategic quality, it is recommended that no certification of discovery be issued.

Expenditures

(a)	Total approved	$5,068.00
(b)	Total cost of project	$5,068.00 *
(c)	Government's share of cost	$3,801.00 *
(d)	Government's share unexpended	none
(e)	Value of production	none
(f)	Royalty paid to date	none
(g)	Royalty due	none

* Report of review not yet received.

July 24, 1957.

S. C. Bergman and D. H. Amos, Geologists
U. S. Geological Survey

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

g

SURFACE MAP
OF
WILSON PROSPECT
JACKSON CO., N.C.
DMEA-4387
scale 1" = 20'

9/18/57
LESURE - AMOS

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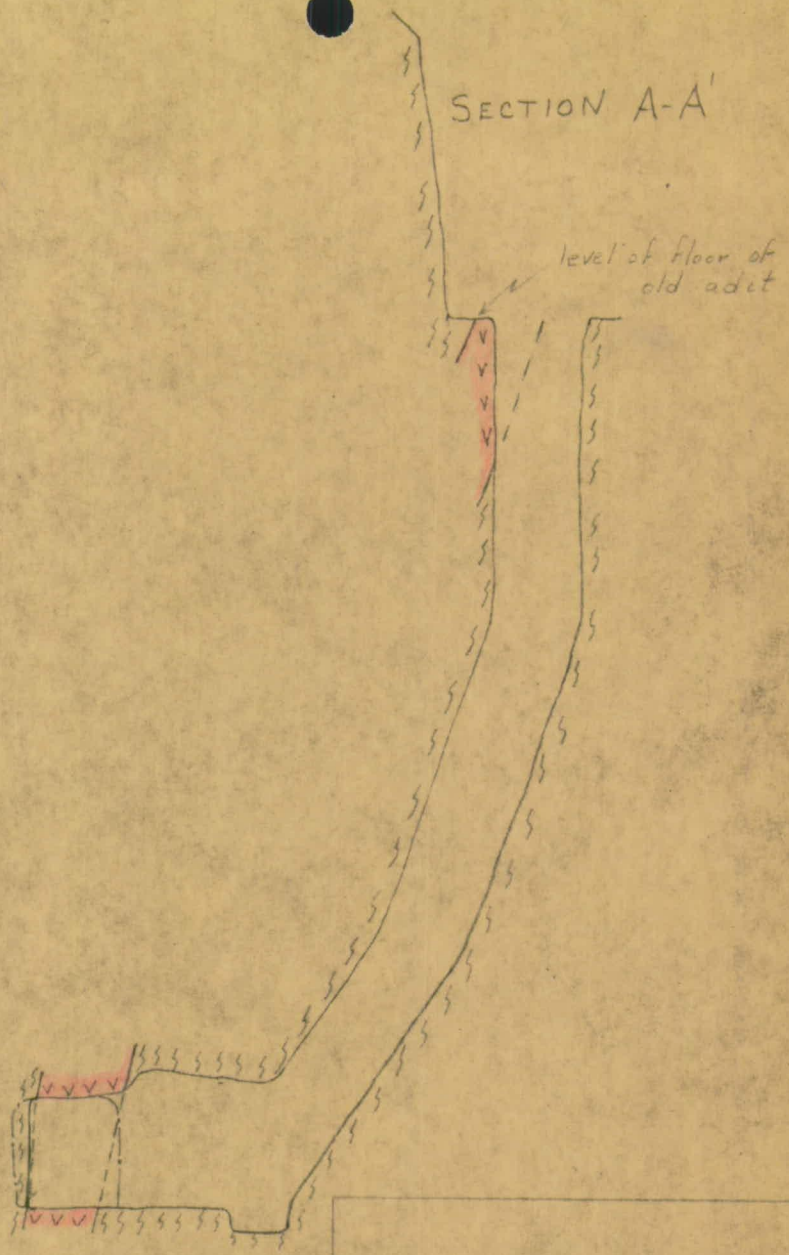
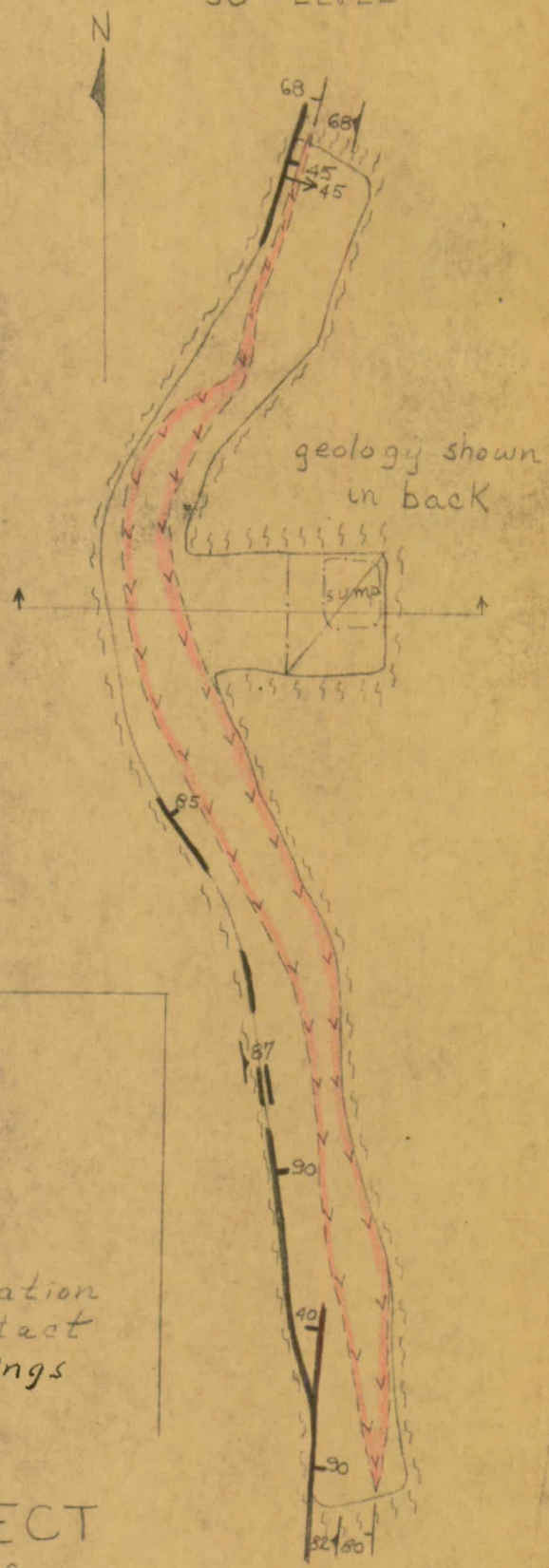
D M E A
RECEIVED JUL 29 1957

DATE	INITIALS	CODE





LEGEND

- ~~ mica gneiss
- vv pegmatite
- --- contact
- fault
- strike & dip of foliation
- strike & dip of contact
- projection of workings

WILSON PROSPECT

JACKSON CO., N.C.

DMEA-4387

scale 1" = 10'

7/18/57

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DMEA
RECEIVED JUL 29 1957

DATE	INITIALS	CODE

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/29	Talbert	800
7/30	P.K.	220
7/30	[illegible]	600

JUL 29 1957

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region V
Room 14, Post Office Building
Knoxville 2, Tennessee

Re: Docket No. DMFA-4387 (Mica)
Carolina Mining Company
Wilson Project
Jackson County, North Carolina
Contract No. Idm-E1041

Dear Mr. Laurence:

As requested in your memorandum of July 24, 1957, a Report of Review in lieu of a final audit of the referenced project has been prepared. The original and two copies thereof, together with the original of the final MF-104 submitted with your memorandum, are enclosed.

If you concur with the facts stated in this Report of Review, the original and one copy should be forwarded to the regional finance officer and one copy should be retained in your files. If for any reason you do not concur, please return the original and both copies to this Division with your comments.

Sincerely yours,

Jay L. Chambers, Director
Contract Administration
and Audit Division

Enclosure

EDTalbert/wb
July 29, 1957

Copy to: Docket
Admr. Reading File
Helen R. Miller
Mr. Chambers

8623

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D.M.E.A.
RECEIVED JUL 26 1957

DATE	INITIALS	CODE
7/26	C	220
		600

July 24, 1957

Memorandum

To: Jay L. Chambers, Chief, Contract Admin. & Audit Div.

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

Subject: Completion of DMEA-4387, Idm-21041-mica.
Carolina Mining Co., Franklin, N.C. Wilson Pros.
Jackson County, N.C. Request for Report of Review.

Work on the subject contract has been completed.

The following units of work have been acceptably performed:

1 - Toolhouse, powder magazine and explorder magazine constructed.

2 - 5 feet of raise completed from back of drift to surface.

3 - Sank 50 feet of shaft.

4 - Drove 80 feet of drift.

An adequate final geological and engineering report has been received from the Operator. The final voucher is attached.

Robert A. Laurence

RAL/zm

cc
Lynch
Opr. Com.
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1370 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

WASHINGTON 25, D. C.

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 25 1957

DATE		
7/25	C	220
7/25		800
		600

July 23, 1957

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Operator's Final Report, DMEA-4387 (mica)
Carolina Mining Co., Franklin, N.C.
Wilson Prospect, Jackson County, N.C.
Contract Idm-E1041.

Enclosed are the original and two copies of the subject report, just received from the Operator.

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

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

Operators Final Rpt

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 25 1957
DATE

RECEIVED
JUL 23 1957
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

CAROLINA MINING COMPANY
P.O. Box 314
Franklin, North Carolina

Contract Idm E-1041
DMEA - 4387 - Mica
Wilson Prospect
Jackson County, N.C.

CAROLINA MINING COMPANY
P.O. Box 314
Franklin, North Carolina

ENGINEERING AND GEOLOGIC REPORT

This Contract was entered into by and between Carolina Mining Company and DMEA. Preparation for work was started immediately after signing, however; actual starting date was March 14, 1957, after which we had to wait for the Power Company to pull in a Power Line.

The location of operation is about 1000 feet west of U. S Highway No. 23 and 7.7 airline miles S. 20 degree West of Dillsboro, Jackson County, North Carolina.

Discription of work as follows: 1. Construction of toolhouse, powder storage magazine, and an exploder storage magazine. 2. From top of the existing winze, raise to the surface for a distance of 5 feet, From bottom of Qinze, sink a two compartment shaft to a depth of 50 feet. 3. Explore the pegmatite by driving from or near the bottom of the shaft 80 feet of drift and/or crosscuts. All work to comply with State Mine Inspector, and approval of the Government, and in a workman like manner.

No. 1 in the above was carried out, but in No. 2 after breaking through to surface with the raise we felt that a safer operation could be had by cleaning off the surface to the floor of the adit and start sinking. We sank verticle 15 feet, down to 30 feet on 70 degree down to 50 feet 56 degree in order to stay as closly to pegmatite as possible. Drove a 9 foot crosscut at bottom of shaft S 80 degree W. Length and distances of other crosscut on pegmatite from first crosscut is as follows. S 22 degree E 17 feet, thence S 17 degree E on the 23 feet, thence S 10 E on to 50 feet. From first crosscut in opposite direction N 28 degree E to 27 feet.

The country is of typical mica schist and gneiss and highly foalted and faulted. The Pegmatite in first crosscut was about 3½ feet wide. The foliated rock at this point was N 5 degree E 82 degree NW. Going in a southern direction the pegmatite was from 3½ feet which continually droped down very thin and completely played out at a fault at the end. Going Northern direction from crosscut the Pegmatite was from 8/10th of a foot down to about 2 inches at the end and the foalation being N. 20 E 68 degree N W. About 25 lbs of Mine Run mica recovered and the rest was small scrap. No large amount of quartz was contacted.

DMEA FORM 6 REFERENCE SLIP

REV. 12-56 DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO:	INITIALS	DATE
1. ~~710~~		
2. ~~600~~	[illegible]	7/16
3.		
4.		
5.		
FROM:		

FOR: Check items for action desired

____ Action ____ Reply for signature of _____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions ____ Your information

REMARKS:

EXPLORATION PROJECT CONTRACT

INTERIM REPORT

DMEA-4387, Idm-E1041(mica) WILSON PROSPECT

Operator: Carolina Mining Company, Box 314, Franklin, N. C.

Location: 7.75 airline miles S 20°W of Dillsboro, Jackson County, N.C.

Contract work on this project was completed July 17,1957. The exploration failed to reveal an economic deposit of strategic mica.

Work completed under the contract consisted of constructing a toolhouse, exploder magazine and powder magazine; driving 50 feet of shaft; and driving 80 feet of levels. The shaft was inclined an average of -72° in a westerly direction. From the bottom of the shaft a crosscut was driven 9 feet due west. Drifts were driven from the head of this crosscut as follows: 25.5 feet in a NNE direction and 47.5 feet SSE. A total of two feet of level work was done at the Operator's expense.

A concordant pegmatite having a maximum of thickness of 4.5 feet was revealed in the upper portion of the shaft and in the drifts. The body pinches and swells along both strike and dip. It pinches out completely in the south drift and thins to four inches in the head of the north drift. The pegmatite occurs along a fault and is locally displaced small distances by later faults. No zoning is evident.

Small amounts of non-strategic mica occur throughout the body. It is small in size, bent, cracked and somewhat mineral stained. No mica of strategic quality was recovered from the work done under the contract.

Inspected: July 18, 1957

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DMEA
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DATE	INITIALS	CODE
7/24	P.K.	220
7/24	[illegible]	600

Dewey H. Amos, Geologist
U. S. Geological Survey

Frank Lesure, Geologist
U. S. Geological Survey

INTERIM REPORT

DMEA-4387, Idm-E1041 (mica) WILSON PROSPECT

Operator: Carolina Mining Company, Box 314, Franklin, North Carolina

Location: 7.75 airline miles S20°W of Dillsboro, Jackson Co., N.C.

Drifting continues on this contract, and coupled with 9 feet of crosscut, totals 70 feet. The drift work has followed the trend of the pegmatite from the crosscut as follows: N12°W - 2.5 feet, N32°E - 23 feet, S14°E - 5.5 feet, S28°E - 9 feet, S10°E - 21 feet. In the northeast face the body has thinned to about 4 inches, and work in this direction was discontinued. The pegmatite trends N17°E, dips vertically and is composed of "gouge-like" material. Evidence of movement along both contacts is apparent. No commercial mica production resulted from this work. In the southeast drift, the pegmatite has varied in thickness from a few inches to 2.5 feet as exhibited in the present face. At this point the body is composed of K-feldspar, scattered Na-feldspar, minor quartz and ruby muscovite. The mica is clear but slightly bent. Production during the Interim has been slight. Instructions were given for continuing this drift for the additional 12 feet remaining under contract in an effort to outline reserves.

Instructions were also given for additional timber work in the

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7/22 | Sam | 100
7/24 | Sam | 100
7/26 | C | 22

drift area. Recent progress on this contract is satisfactory.

L. E. Shirley & S. A. Feitler

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

D. H. Amos, Geologist
U. S. Geological Survey

Date inspected:

July 12, 1957

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

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 2

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1957 Docket No. DMEA 4207 Contract No. KGn R 1041
Operator's Name CARMINA MINING COMPANY Minerals Lead
Address P.O. Box 514, Franklin, N.J.
Contract Amount, $ 6,000.00 Government Participation: 75% Amount, $ 3,001.00

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 Raising	none	112.00	112.00			
Bulldozing						
Crosscutting or drift	1056.00	none	1056.00			
Drifting						
Stoping	none	2200.00	2200.00			
(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.	none	116.00	116.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1056.00	2428.00	3484.00	1056.00	2428.00	3484.00

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

RECEIVED JUL 5 1957 D.M.E.A.

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 6-30-57 *Payee CARMINA MINING COMPANY
Per [signature] Title Engineer

*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:
$ 792.00
Signature Helen R. Miller
(Authorized Certifying Officer)
Date JUL 12 1957 Vou. No. 6
(See other side)

364.00

(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. E-1041 in accordance with the terms of the contract.

Signature S. C. Berryman Title GEOLOGIST, U. S. G. S. Date JUL 1 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA FIELD TEAM Date JUL 2 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1957 Docket No. DMEA 4507 Contract No. [illegible]
Operator's Name [illegible] Minerals Uco
Address [illegible]

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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Raising	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Shafts	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Winzes								
Drilling: Core								
Churn								220
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		[illegible]		[illegible]				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		[illegible]		[illegible]				
Total Costs		[illegible]		[illegible]				

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

Date [illegible] Operator [illegible]

Per [illegible] Title [illegible]

Remarks:

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

(Instructions on reverse)

(For Government use only)

S. C. Berman
GEOLOGIST, U.S.G.S. JUL 1 1957

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

RECEIVED JUL 5 1957 D.M.E.A.

INSTRUCTIONS

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

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

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

GPO 83-38475

NARRATIVE
MONTHLY REPORT FOR
JUNE 1957

CAROLINA MINING COMPANY
P.O. BOX 314
Franklin, North Carolina

Contract Idm- E 1041
DMEA - 4387 - Mica
Wilson Prospect
Jackson County, N.C.

Date	Discription of work
June 57	
1 -	No work
2 -	No work
3 -	Mucked
4 -	Timbered
5 -	Mucked
6 -	Repaired Mine bucket
7 -	Worked at home in Tobacco
8 -	No work
9 -	No work
10-	Mucked and pulled a small shot.
11-	Timbered, The Vein is small, but hard.
12-	Country rock is soft., mucked
13-	Visited by Field Team.
14-	Drilled and blasted., mucked.
15 -	No work
16 -	No work
17 -	Timbered
18 -	Drilled and blasted
19 -	Mucked
20 -	drilled and blasted
21 -	mucked
22 -	No work
23 -	No work

Results

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 5 1957

DATE	INITIALS	CODE
7/5	C	220
7/5	Com	100
7/9	Hmh	600

INTERIM REPORT

DMEA-4387, Idm-E1041 (Mica) Wilson Prospect

Operator: Carolina Mining Company, Box 314, Franklin, N. C.

Location: 7.75 airline miles S20°W of Dillsboro, Jackson County, N. C.

Drifting is underway on this contract and totals 23 feet; 18 feet have been driven S18°E and 5 feet have been driven due north. The pegmatite has narrowed or thinned in both headings and in the southeast face is only 4 inches thick. From the back to the floor the body shows up as discontinuous lenses. In the north face the pegmatite is 14 inches thick in the back tapering to 6 inches near the floor. Instructions were given for continued drift work with some test hole drilling in the southeast face to prove an extension of the body in that direction. Progress on this contract has been slow because of farming duties by the miners.

Messers. F. Gervosio and J. Pilac, I.C.A. participants from the Phillipines accompanied the field examiners on this visit to the mine.

L. E. Shirley

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

S. C. Bergman

S. C. Bergman, Geologist
U. S. Geological Survey

June 27, 1957

INTERIM REPORT

DMEA-4387, Idm-E-1041, Wilson Prospect
(mica)

Operator: Carolina Mining Company, Box 314, Franklin, North Carolina

Location: 7.75 airline miles S20°W of Dillsboro, Jackson Co., N.C.

Inclined shaft sinking has been completed to a total depth of 50 feet on this contract. Turn off has been made from the shaft bottom and a crosscut has been driven 9 feet in a S80°W direction. The footwall contact was encountered at 6 feet from the shaft and the additional 3 feet of crosscut was in pegmatite. The hanging wall contact of the body is very irregular at this point, but the footwall contact strikes N25°W and dips 75° SW. The country rock is a biotite gneiss. The pegmatite is composed of disseminated quartz in a predominant Na-feldspar matrix containing small books of badly bent ruby mica.

Instructions were given for turning off a drift to the northwest.

Inspected: June 13, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 24 1957

DATE	INITIALS	CODE
6/25	C	220
25	COM	100
6/26	[illegible]	600

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

S. C. Bergman
S. C. Bergman, Geologist
Geological Survey

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

Budget Bureau No. 42-R1036.5

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 74

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1957 Docket No. DMEA 4387 Contract No. Idm-E-1041
Operator's Name CAROLINA MINING COMPANY Minerals MICA
Address P.O. Box 314, Franklin, N.C.
Contract Amount, $ 5,060.00 Government Participation: 75% Amount, $ 3,801.00

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 DRILLING	none	112.00	112.00			
Bulldozing						
Crosscutting						
Drifting						
DRIFTING	968.00	1276.00	2244.00			
(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.	none	116.00	116.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	968.00	1504.00	2472.00	968.00	1504.00	2472.00

RECEIVED JUN 12 1957 D.M.E.A.

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

Date 5-31-57 *Payee CAROLINA MINING COMPANY

Per Ray V. Foster Title Partner

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

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

(Instructions on reverse)

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

$ ~~736.00~~ 693.00

Signature Helen R. Muller
(Authorized Certifying Officer)

Date JUN 10 1957 Vou. No. 196
(See other side)

242.00

(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. E-1041 in accordance with the terms of the contract.

Signature W. J. Lynch Title U. S. BUREAU OF MINES Date JUN 3 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA FIELD TEAM REGION V Date JUN 3 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 195 7 Docket No. DMEA 4387 Contract No. IAm-E-1041

Operator's Name CAROLINA MINING COMPANY Minerals MICA

Address P.O. Box 314, Franklin, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising	FT	none	none	112.00	5	22.40	5	22.40
Shafts MINING	FT	968.00	22	2244.00	47	44.00	50	44.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		968.00		2356.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		none		116.00				
TOTAL COSTS		968.00		2472.00				

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.

REMARKS:

Date 5-31-57 Operator CAROLINA MINING COMPANY

Per Roy H. Foute Title Partner

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

(Instructions on reverse)

(For Government use only)

RECEIVED JUN 12 1957 D.M.E.A.

MINING ENGINEER
U. S. 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

NARRA TIVE
MONTHLY REPORT FOR
MAY 1957

CAROLINA MINING COMPANY
P.O. BOX 314
Franklin, North Carolina

Contract Idm-E 1041
DMEA - 4387 - Mica
Wilson Prospect
Jackson County, N.C.

Date	Discription of work
May 57	
1 -	Drilled & blasted
2 -	Mucked
3 -	drilled & blasted
4 -	no work - went shopping
6 -	mucked
7 -	timbered
8 -	drilled & blasted
9 -	mucked
10 -	mucked
11 -	drilled & blasted
13 -	mucked
14 -	drilled 7 blasted- had trouble with electric line
15 -	worked in corn
16 -	mucked
17 -	Visited by Field
18 -	timbered
20 -	worked in tobacco
21 -	rain-
22 -	drilled & blasted
23 -	mucked
24 -	timbered
25 -	no work - worked in crop
27 -	mucked
28 -	drilled & blasted
29 -	mucked
30 -	no work- set out tobacco plants - visited by Field Team.
31 -	drilled & blasted

RECEIVED
JUN 3 - 1957

EXTRA COPY
DMEA
RECEIVED 1957

DATE	INITIALS	CODE

June 10, 1957

Carolina Mining Company
P. O. Box 314
Franklin, North Carolina

Re: Contract Idm-E1041
Docket No. DMEA-4387

Gentlemen:

Reference is made to your May voucher covering contract Idm-E1041, Docket No. DMEA-4387, in the amount of $968.00.

This voucher is being processed for payment in the amount of $693.00, which is 75% of the approved total of $924.00. It is necessary to deduct $44.00 on this voucher for excess shaft sinking - contract calls for sinking 50 feet of shaft and claims made prior to this voucher are as follows:

March Voucher	4 feet
April Voucher	25 feet

This leaves a balance of 21 feet of shaft sinking and your claim for the month of May is for 22 feet - therefore, it is necessary to disallow one (1) foot.

Very truly yours,

Helen R. Miller
Personal Assistant

/hbm
Copies to R. A. Laurence
V. J. Lynch
Jay L. Chambers
Norris files
Day files

INTERIM REPORT

DMEA-4387, Idm-E1041 (Mica) WILSON PROSPECT

Operator: Carolina Mining Co., Box 314, Franklin, N. C.

Location: 7.75 airline miles S20°W of Dillsboro, Jackson Co., N. C.

Shaft sinking is nearing completion on this contract and the present depth is 47 feet. Instructions were given for completing the shaft to a total depth of 50 feet before starting any level work. The country rock at this depth strikes N5°E and dips 60°NW. One percussion test hole was drilled in a N50°W direction from the 37 ft. shaft level which cut 12 feet of biotite gneiss and 3 feet of pegmatite. Instructions were given for crosscutting to this body from the 50 ft. shaft level. Progress on this contract has been satisfactory.

L. E. Shirley

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

S. C. Bergman

S. C. Bergman, Geologist
U. S. Geological Survey

May 30, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 7 1957

DATE	INITIALS	CODE
6/7	JWP	220
10	Com	100
12	Hmk	600

INTERIM REPORT

DMEA-4387, Idm-E1041(mica) WILSON PROSPECT

Operator: Carolina Mining Company, Box 314, Franklin, North Carolina

Location: 7.75 airline miles S20°W of Dillsboro, Jackson County, N.C.

A total of 44 ft of raise, vertical and inclined shaft has been completed todate. The pegmatite flattens out about half-way down the shaft and goes out into the hanging wall. At the present bottom pegmatite could no longer be reached with a 6 ft drill steel, so a suggestion was made to probe the walls with extension steel. A low dipping fault crosses the shaft about 9 ft above the bottom. Its plane is oriented N 25°W 35 to 45° NW. There is an obvious discordance in the foliation of the country rock above and below the fault. Past progress on this contract hasbeen slow due to wet weather, but presently is very good.

Inspection: May 17, 1957

Wm A. Beck, Mining Engineer
Bureau of Mines

S. C. Bergman, Geologist
Geological Survey

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 18 1957

DATE	INITIALS	CODE
6/7	WJ	220
10	CONC	100
12	Hunk	600

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 67

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of A PRIL 195 7 Docket No. DMEA 4387 Contract No. Idm-E 1041

Operator's Name CAROLINA MINING COMPANY Minerals MICA

Address P.O. Box 314, Franklin, N.C.

Contract Amount, $ 5,068.00 Government Participation: 75% Amount, $ 3,801.00

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:						
XXXXXX RAISING	none	112.00	112.00			
Drilling						
Bulldozing						
Crosscutting						
Drifting						
SINKING	1100.00	176.00	1276.00			
(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.	none	116.00	116.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1100.00	404.00	1504.00	1100.00	404.00	1504.00

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

Date 5/1/57 *Payee CAROLINA MINING COMPANY

By Partner Title Fay H. Pauts

RECEIVED MAY 9 1957 D.M.E.A.

*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:

$ 825.00

Signature Helen R. Meier
(Authorized Certifying Officer)

Date MAY 9 1957 Vou. No. 183

(See other side)

275.00

(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. E10 41 in accordance with the terms of the contract.

Signature V. J. Zynek Title MINING ENGINEER U. S. BUREAU OF MINES Date MAY 7 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA FIELD TEAM REGION V Date MAY 7 1957

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

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of APRIL 195 7 Docket No. DMEA 4387 Contract No. Idm-E 1041
Operator's Name CAROLINA MINING COMPANY Minerals MICA
Address P.O. Box 314, Franklin, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising	Ft	none Ft	none	112.00	5	22.40	5	22.40
Shafts SINKING	Ft	1100.00	25	1276.00	29	44.00	50	44.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1100.00		1388.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		none		116.00				
TOTAL COSTS		1100.00		1504.00				

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 5/1/57 Operator CAROLINA MINING COMPANY

Per [signature] Title Partner

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

(Instructions on reverse)

REMARKS:

(For Government use only)

[signature]
MINING ENGINEER
U. S. 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

NARRATIVE
MONTHLY REPORT FOR
APRIL 1957

CAROLINA MINING COMPANY
P.O. Box 314
Franklin, North Carolina

Contract Idm-E 1041
DMEA - 4387 - Mica
Wilson Prospect
Jackson County, N.C.

Date	Discription of Work
April	
1	Mucked.
2	Mucked and timbered.
3	Mucked and timbered.
4.	Mucked and timbered.
5	Mucked and timbered.
8	Mucked and timbered.
9	" "
10	Put in a round of holes and blasted, mucked.
11	Timbered,
12	Mucked and timbered.
15	Put in a shot, timbered.
16	Mucked.
17	Timbered & mucked.
18	Mucked, timbered, connected up blower.
19	Visited by Field Team, mucked and timbered.
22	No work, Men Planted Corn.
23	No work, men worked in Garden at home.
24	Mucked.
25	Timbered, mucked and put in a shot
26	Mucked.
29	Timbered
30	Fineshed Mucking out hole, blower working nicely.

INTERIM REPORT

DMEA-4387, Idm-E1041 (mica) WILSON PROSPECT

Operator: Carolina Mining Company, P.O. Box 314, Franklin, N. C.

Location: 7.75 airline miles S20°W of Dillsboro, JacksonCo., N. C.

Vertical shaft sinking continues on this contract and is now at 29 feet. The shaft has been cribbed solid to 25 feet, and an excellent job has been accomplished on all work to the present depth. The pegmatite began to dip out of the shaft at the 22-foot level and instructions were given for inclining to the body and future sinking in pegmatite. The country rock strikes N20°E and dips 60°NW as observed near the shaft bottom. Progress on this contract is satisfactory.

L. E. Shirley

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

E. L. Boudette

E. L. Boudette, Geologist
U. S. Geological Survey

April 19, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED APR 29 1957

DATE	INITIALS	CODE
4 29	C	220
5/1	Com	100

INTERIM REPORT

DMEA-4387, Idm-31041 (mica) WILSON PROSPECT

Operator: Carolina Mining Company, P.O. Box 314, Franklin, N. C.

Location: 7.75 airline miles S20°W of Dillsboro, JacksonCo., N. C.

Vertical shaft sinking continues on this contract and is now at 29 feet. The shaft has been cribbed solid to 25 feet, and an excellent job has been accomplished on all work to the present depth. The pegmatite began to dip out of the shaft at the 22-foot level and instructions were given for inclining to the body and future sinking in pegmatite. The country rock strikes N20°E and dips 60°NW as observed near the shaft bottom. Progress on this contract is satisfactory.

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

E. L. Boudette, Geologist
U. S. Geological Survey

April 19, 1957

EXTRA COPY
DMEA
RECEIVED APR 1 1957

DATE	INITIALS	CODE
4/29	Hook	600

OFFICIAL FILE COPY
DMEA
RECEIVED APR 15 1957

DATE	INITIALS	CODE
4/15	C	220
"	Conc	100

INTERIM REPORT

DMEA-4387, Idm-E1041 (mica) WILSON PROSPECT

Operator: Carolina Mining Co., P. O. Box 314, Franklin, N. C.

Location: 7.75 airline miles S20°W of Dillsboro, Jackson Co., N. C.

Shaft sinking is underway on this contract, and the present depth is 11 feet. The shaft is two-compartment and has been cribbed solid to the bottom; a partitioned manway has been installed. Material encountered has been pegmatite composed of Na feldspar, a quartz core of unknown thickness, and medium sizes of bent muscovite, apparently flanking the core. Cribbing would not allow inspection of material in place.

A toolhouse, powder magazine, and exploder magazine has been built. Equipment at the site and in use consists of an electric-powered hoist and conventional hoisting frame; a power line has been run to the mine during the interim. Progress on this contract is satisfactory.

L. E. Shirley

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

E. L. Boudette

E. L. Boudette, Geologist
U. S. Geological Survey

April 5, 1957

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ATTACH TO VOUCHER & SCHEDULE OF PAYMENTS K- 63

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March 1957 Docket No. DMEA 4387 Contract No. Idm E 1041

Operator's Name CAROLINA MINING COMPANY Minerals Mica

Address P.O. Box 314, Franklin, North Carolina

Contract Amount, $ 5,068.00 Government Participation: 75 % Amount, $ 3,801.00

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~~ Raising	112.00	None	112.00			
Bulldozing						
Crosscutting						
Drifting						
Sinking	176.00	none	176.00			
(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.	116.00	none	116.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	404.00		404.00	404.00	—	404.00

RECEIVED APR 22 1957 D.M.E.A.

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

Date 4/15/57 *Payee CAROLINA MINING COMPANY

Per William Dunnes Title Roy N. Ford

*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:

$ 303.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date APR 18 1957 Vou. No. 175

(See other side)

101.00

(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. E-1041 in accordance with the terms of the contract.

Signature [signature] Title MINING ENGINEER U. S. BUREAU OF MINES Date APR 15 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [signature] Title EXECUTIVE OFFICER DMEA REGION V Date APR 15 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of MARCH 1957 Docket No. DMEA 4387 Contract No. Idm E 1041
Operator's Name CAROLINA MINING COMPANY Minerals Mica
Address P.O. Box 314, Franklin, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising	Ft	112.00	5	112.00	5	22.40	5	22.40
Shafts Sinking	Ft	176.00	4	176.00	4	44.00	50	44.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		288.00		288.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		116.00	none	116.00				
TOTAL COSTS		404.00		404.00				

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 4/10/57 Operator CAROLINA MINING COMPANY

Per William Dunnes Title Roy V. Foster

REMARKS:

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

(Instructions on reverse)

(For Government use only)

RECEIVED APR 1957 D.M.E.A.

V. J. Lynch
MINING ENGINEER
U. S. 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

NARRATIVE
MONTHLY REPORT FOR
March 1957

CAROLINA MINING COMPANY
P.O. Box 314
Franklin, North Carolina

Contract Idm-E 1041
DMEA - 4387 - Mica
Wilson Prospect
Jackson County, N.C.

Date	Description of Work
March 57	
14 ------	Started operation at the Wilson Prospect, by hauling lumber, small tools, and a few supplies to the mine site and began construction of Tool House. For the first few day we use 5 to seven men in order to complete tool house as quickly as possible to have a place for men to shelter, put small tools, lunch, and a change of cloth.
15th -----	Worked on Tool House and started working on raise.
16th ----	Completed Tool House, worked on raise.
18th----	After breaking through to surface and during raising we find the overbruden very decomposed and decided to make a safer operation by taking a Bulldozer and removing off the surface to the floor of the adit.
19th----	Bulldozer at work. Worked on Powder Magazine.
20 -----	No work waiting for Power line to be installed by Power Company.
21 -----	Still waiting for Power line but decieded to work on Exploder Magazine.
22 ------	Hauled Mine Timber to Mine site, completed Powder Magazine and Exploder Magazine.
23 ------	Hauled, hoist, blower, pump, Boom Pole, and other equipment to Mine and started installing it.
25 -----	Finished installing Hoist, and started on Boom Pole.
26 -----	Completed Boom, started working on Adit by sinking, one foot.
27 -----	Worked on Adit - Set up Blower.
28 -----	Worked on Adit - Adjusted Boom Pole.
29 -----	Worked on Adit - Power Company put in Electric Power.
30 -----	Wired up Hoist for use by electrician, and completed four feet of sinking of adit.

EXTRA COPY
DMEA
RECEIVED APR 22 1957

INTERIM REPORT

DMEA-4387, Idm-E 1041 (mica) Wilson Prospect

Operator: Carolina Mining Company, a partnership consisting of Roy H. Fouts and William Dinnes, P. O. Box 314, Franklin, North Carolina.

Location: About 1000 feet west of U. S. Highway 23 and 7.75 airline miles S. 20°W. of Dillsboro, Jackson County, North Carolina.

This project was started on March 14, 1957. After breaking through to surface with the raise the operator felt that a safer operation could be had by cleaning off the surface to the floor of the adit. At his own expense he did this with a dozer and is now prepared to clean out the old winze and start sinking. No work was being done when visited as they are awaiting the instalation of a power line by the Power Company.

Wm. A. Beck

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

Inspected: March 20, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 27 1957

DATE	INITIALS	CODE
3/27	C	220
"	CAM	100

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

February 26, 1957

Memorandum

To: Mr. C. O. Mittendorf, Administrator

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

Subject: Amendment No. 1 - Docket No. DMEA-4387-Mica
Carolina Mining Company
Roy H. Fouts and William Dinnes
Wilson Prospect
Jackson County, North Carolina
Contract No. Idm-E1041

The Nonmetallic Minerals Division concurs in Amendment No. 1 to the subject contract as written and executed in the field. This amendment postpones the starting date from January 15, 1957 to March 15, 1957, and extends the completion date from May 27, 1957 to September 27, 1957.

This amendment is necessary because of the inclement weather during the present winter months, causing inaccessibility to the mine.

Walter C. Anderson
Walter C. Anderson
Nonmetallic Minerals Division

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 87 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

WASHINGTON 25, D.C.

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 21 1957

DATE	INITIALS	CODE
2/21	C	220
	esf	130
		220
		225

February 19, 1957

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville, Tenn.

Subject: Amendment No. 1. DMEA-4387, Idm-E1041 -Mica
Carolina Mining Co., North Carolina

There are attached three signed copies of the subject amendment.

This amendment was necessary because of inclement weather in this section and the inaccessibility of the mine.

The usual distribution of the other copies has been made.

V. J. Lynch

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

Helmuth Wedow, Jr.

Helmuth Wedow, Jr.
Geologist
Geological Survey

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

WASHINGTON 25, D.C.

December 18, 1956

RECEIVED DEC 20 1956 D.M.E.A.

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Signed Contract- Idm-E1041, DMEA-4387, Carolina Mining Co. P.O. Box 314, Franklin, North Carolina

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

V. J. Lynch

Docket Copy
Surname:
Anderson
Houk
Fahrig
Selfridge
Folsom
McKenney

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

NOV 27 1956

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

Re: Docket No. DMEA-4387-Mica
Carolina Mining Company
Roy M. Fouts and William Dinnes
Wilson Prospect
Jackson County, North Carolina

Dear Mr. Laurence:

Enclosed are the original and five copies of a proposed short-form contract signed by the Administrator for the Government. It consists of the form, Annex I (1 page), Consent to Lien, Exhibit A (2 pages), and a map. Also enclosed are two extra copies of Annex I, Exhibit A, and the map for Field Team use.

If the proposed contract meets with your approval, present it to the Applicant for execution. Please explain to the Applicant that the contract is a firm commitment to complete the work outlined at the agreed cost. Copies of the executed contract are to be distributed in the usual manner.

If any part of this proposed contract does not have either your approval or that of the Applicant and cannot be amended within your delegated authority, then the original and all copies of the contract and the two extra copies of Annex I, Exhibit A and the map are to be returned to this office, together with the proposed changes for consideration.

Copies of memoranda dated November 19 and 21, 1956, by Mr. N. E. Nelson, USGS, and Mr. W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

Sincerely yours,

Approved:

Frank D. Lamb
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

George C. Selfridge
Chairman, Operating Committee

WCAnderson:gad 11/23/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Enclosures 12

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

November 23, 1956

Memorandum (Supplement to memorandum of September 14, 1956)

To: Files

From: Walter C. Anderson, Nonmetallic Minerals Division

Subject: Revision of exploration - Re: Field Team memorandum 11/9/56
Docket No. DMEA-4387-Mica
Carolina Mining Company
Roy H. Fouts and William Dinnes
Wilson Prospect
Jackson County, North Carolina

A contract is recommended.

Method of exploration: Instead of 100 feet of adit as originally proposed by the Field Team, the attached contract provides for a total of 55 feet of shaft and 80 feet of drifts and / or crosscuts at a total cost of $5,068. It was thought that the adit proposal did not provide for sufficient backs over the adit. By the revised method a larger target area is opened up for exploration, and increase of 30 feet in depth and up to 80 feet further into the hillside.

Walter C. Anderson
Walter C. Anderson
Nonmetallic Minerals Division

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

RECEIVED NOV 21 1956 D.M.E.A.

November 21, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4387 (mica)

Applicant: Carolina Mining Co.

Name and Location of Property: Wilson Prospect, Jackson County, N. C.

Date of Field Team Report: 11/9/56

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 11/14/56

Field Team Recommendation: Recommend approval of contract following exploration plan set forth by field team in memorandum dated 10/16/56.

Comments:

1. Some 6-inch book mica was recovered during initial exploration work on this prospect.
2. This deposit appears to have possibilities for the development of strategic mica.
3. Proposed exploration outlined by the field team is consistent with good engineering practices and estimated costs are in line with other DMEA projects.

Recommendation: I concur with the recommendation of the field team.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

RECEIVED NOV 20 1956 D.M.E.A.

November 19, 1956

Re: DMEA 4387
Carolina Mining Co.
Wilson Prospect
Jackson County, North Carolina
Appl's. Est. $3,263.00
Rec'd Est. $3,560.00 Mica
Now Rec'd. $5,181.00

Memorandum

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

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

Subject: Review of supplemental Field Team report and new recommendation.

In a memorandum dated August 29, 1956, I concurred with the recommendation of the examiners and Field Team in the driving of a 100-foot drift adit on a pegmatite exposed by stripping and in an upper (15-foot) adit and shallow winze. Only that part of the pegmatite exposed in the upper adit and winze displayed strategic mica-bearing characteristics.

Following the suggestion of the Division office, it is now deemed advisable to break the winze through to the surface and continue the winze 50 feet at which point 80 feet of drifting would be done. The Field Team accepts the alternate work proposed as does the applicant.

I concur with the alternate recommendation.

N. E. Nelson

N. E. Nelson

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

WASHINGTON 25, D. C.

RECEIVED NOV 13 1956 D.M.E.A.

November 9, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville, Tennessee R. A. Lawrence

Subject: DMEA-4387 (mica) Carolina Mining Co., Franklin, N.C.
Wilson Prospect, Jackson County, N. C.

Reference is made to our memorandum of October 16.

We are advised by the Applicants, in a letter dated November 3, that they would be agreeable to a contract providing for a raise over the winze to the surface, then sinking to a maximum depth of 50 feet, and drifting 80 feet from the shaft. Therefore, we suggest that such a contract be prepared; the estimated costs for this project would be as follows:

Construct

Toolhouse	$75.00	
Powder Magazine	25.00	
Exploder Magazine	15.00	$ 115.00

Raise - 5 feet from above old winze to surface

Labor (4 shifts) (Includes preparation work, covering winze, etc.)

1 - Miner @ $1.50/hr	48.00	
2 - Laborers @ $1.00/hr.	64.00	
Total cost of raise....		112.00

No. drilling or blasting needed.

22.40/ft

Sink - 50 feet of shaft (33 shifts) (below old winze)

1.7 ft/sh. = 30 shifts

Labor:

1 - Miner @ $1.50/hr	396.00	360.00
1 - Hoistman @ $1.25/hr	330.00	300.00
1 - Laborer @ $1.00/hr.	264.00	240.00
	990.00	900.00

Equipment (rental) 250/mo.

Compressor and drill @ $230/Mo.	$345.00
Hoist @ $50/Mo.	75.00
Pump @ $20/Mo.	30.00
	450.00 375.00

Supplies:

Explosives	$190.00
Drill steel	85.00
Gasoline and oil	165.00
Timber	120.00
Small tools and pipe	105.00
Miscellaneous	65.00
Insurance	90.00
Social Security	20.00
	840.00

Total estimated cost of shaft sinking - $2280.00

Drive 80 feet of 5' x 7' of drift, timbered where necessary (40 shifts) - at 2.2 ft/shift = 37 shifts $2125.00 use $44/ft.

Labor:	1 - Miner @ $1.50/hr.	480.00 - 444.00
	2 - Laborers @ $1.00/hr.	640.00 - 592.00
		1120.00 - 1036.00

Equipment: (rental)

Air Compressor & Drill @ $230/Mo.	380.00
Hoist @ $50/Mo.	82.00
Pump @ $20/Mo.	35.00
Air blower @ $75.00/Mo.	125.00
	622.00 465.00

Supplies:

Gasoline and oil	265.00
Explosives	300.00
Drill Steel	135.00
Pipe	65.00
Miscellaneous	75.00
Insurance	100.00
Social Security	22.00
	1062.00

Total estimated cost of drift..... $2674.00 2463.00

use $33/ft.

Total estimated cost of project..... $5181.00

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

RECEIVED
OCT 18 1956

October 16, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville, Tenn.

Subject: DMEA-4387 (mica) Carolina Mining Co. Franklin, N.C.
Wilson Prospect, Jackson County, N.C.

Reference is made to your letter of October 10.

We have no objections to the proposal of raising from the winze, as outlined in the letter. We do not think of the pegmatite to the northeast of the winze as "barren" since mica was observed in the winze and some was recovered during the bulldozing at the proposed portal site.

Before making a definite recommendation to prepare a contract for the raising and shaft-sinking, we will contact the Applicant to learn whether such a contract will be acceptable to them. We will then advise you accordingly.

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

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

MF

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DMEA-4387-Mica

DATE 9/11/56

REFERRED TO:

1. ~~Mr. Talbert~~
2. Operating Committee
3. Mr. Johnson
4. Mr. Mittendorf — [illegible]

Mails & Files

FOR:

	Action		Recommendation
	Approval		Record of
	Comment		Referring to
	Conference		Reply for signature of
	Consideration		Rewriting
	Filing	X	Signature
	Instructions		Suggestions
	Investigation		Your information
X	Initials		
X	Mailing		
	Previous correspondence		

REMARKS: [illegible handwriting]

Check (X) before the items needing attention.

[illegible handwriting]

Lawrence G. Houk [illegible]

Initials of sender.

GPO '16—63815-1

DMEA-4387

MF

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 8-29-56

REFERRED TO:

1. Dockets & Record Section
2. Solicitor's Office
3. Mr. Dwyer, Rm 7341
4. L.G. HOUK

RECEIVED
AUG 30 1956
ASSOC. SOLICITOR
MINERAL RESOURCES

INTERIOR DEPT.
AUG 30 1956
SOLICITOR

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: Attached is draft of a contract for processing

Check (X) before the items needing attention.

DMEA-Nonmetallic Minerals Div.

L. G. Houk, Ch.
Initials of sender.

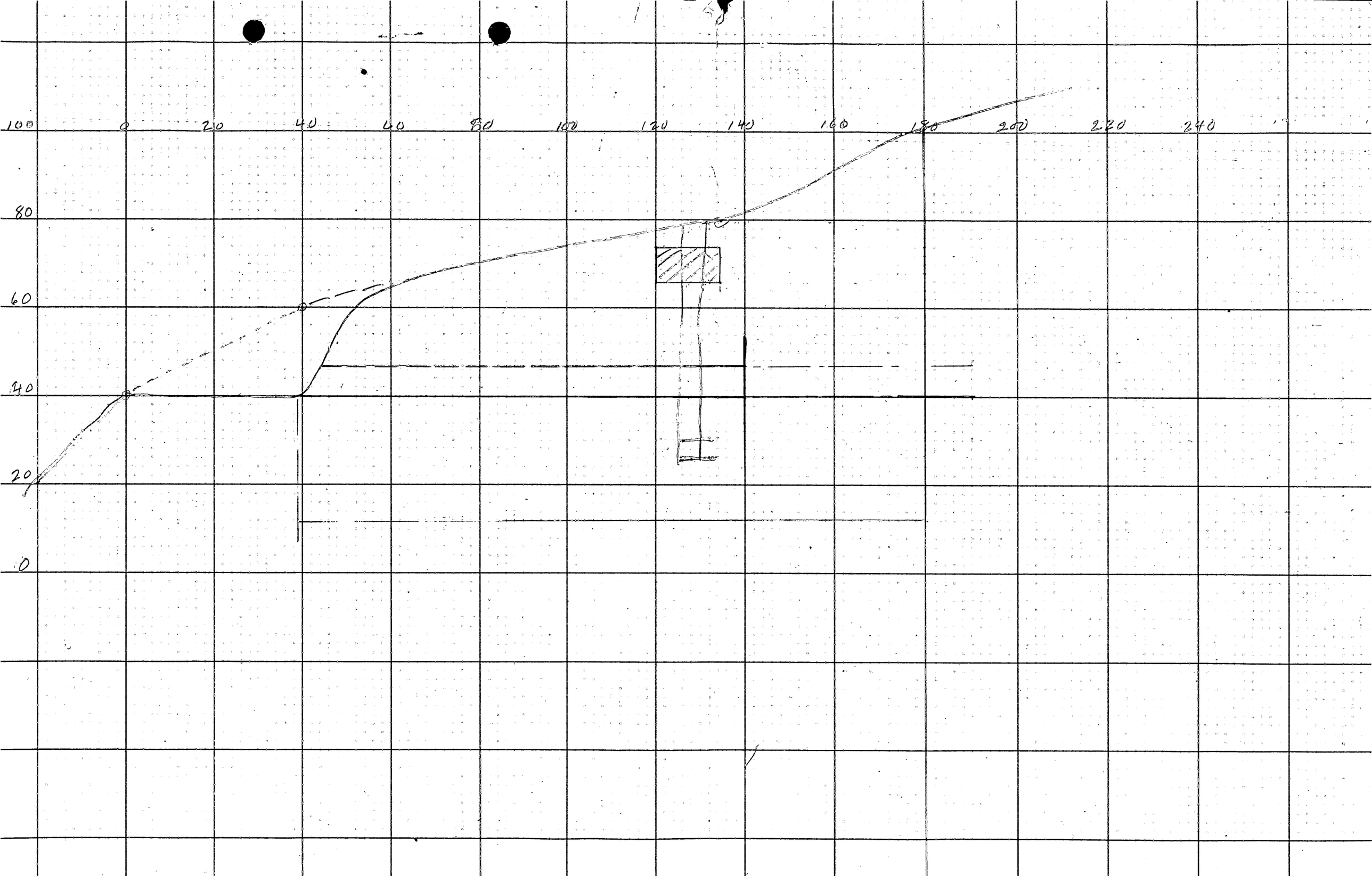
GPO 16—63815-1

Per Walter C. Anderson

Only 10' - 15' of backs - NE part of pegmatite appears to be barren - why not 30' crosscut to point under mica exposure and 50' of drift either way.

FEJ

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

DOCKET COPY
Surname:
Anderson
Houk
Selfridge
Mittendorf

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

OCT 10 1956

Re: Docket No. DMEA-4387-mica
Carolina Mining Company
Roy H. Fouts and
William Dinnes
Wilson Prospect
Jackson County, North Carolina

Dear Mr. Laurence:

Reference is made to your memorandum of September 26, 1956, confirming the examining engineers' recommendation for a unit-cost contract to drive an adit at the subject property.

We note your suggestion to drive the adit an additional 50 feet in order to attain a larger target area. It is our impression that to reach the mineralized zone, considerable drifting must be done in barren pegmatite. Would it not be more economical to raise directly over the winze to the surface for a shaft site, then sink a maximum of 40 feet and drift therefrom? After careful study of this project, we are more favorably inclined to such an approach than drifting in the barren pegmatite for an unknown distance, possibly 80 feet or more.

We will appreciate your analysis and comments on our suggested alternate proposal.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

Frank D. Lamb
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

WCAnderson:ms 10/9/56
Copy to: Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Admr. R. File

Docket Copy
Surname:
Anderson
Houk

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

600

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

Subject: Docket No. DMEA-4387-Mica
Carolina Mining Company
Roy H. Foute and
William Dinnes
Wilson Prospect
Jackson County, North Carolina

Dear Mr. Lawrence:

Reference is made to your memorandum of September 26, 1956, confirming the examining engineers' recommendation for a unit-cost contract to drive an adit at the subject property.

We note your suggestion to drive the adit an additional 50 feet in order to attain a larger target area. It is our impression that to reach the mineralized zone, considerable drifting must be done in barren pegmatite. Would it not be more economical to prepare a shaft at the point under the mica exposure by raising to the surface from the heading of the existing crosscut adit and lowering the shaft from this point to the elevation of the proposed adit, or even deeper, and then drifting in either direction? After careful study of this project, we are more favorably inclined to such an approach than drifting in the barren pegmatite for an unknown distance, possibly 80 feet or more.

We will appreciate your analysis and comments on our suggested alternate proposal.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

WCAnderson:gad 10/8/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson

Docket Copy
Surname:
Anderson
Houk
Talbert

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

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

Subject: Docket No. DMEA-4357-Mica
Carolina Mining Company
Roy H. Fouts and
William Dinnes
Wilson Prospect
Jackson County, North Carolina

Dear Mr. Laurence:

Enclosed are the original and five copies of a proposed contract which have been signed by the Administrator for the Government with effective date as shown. Attachments to the contract are Annex I, Consent to Liens, Exhibit "A" (2 pages), and map of the Wilson Prospect. Two extra copies of Annex I, Exhibit "A" and the map are enclosed for the use of the Field Team.

If the proposed contract meets with your approval, present it to the applicant for execution. Please explain to the applicant that the contract is a firm commitment to complete the work outlined at the agreed cost. Copies of the executed contract are to be distributed in the usual manner.

If any part of this proposed contract does not have either your approval or that of the applicant and cannot be amended within your delegated authority, then the original and all copies of the contract and the two extra copies of Annex I, Exhibit "A" and the map are to be returned to this office, together with the proposed changes for consideration.

Copies of memoranda dated August 29, 1956, by Mr. N. E. Nelson, USGS, and Mr. W. F. Dietrich, USBM, relating to the project are enclosed.

Sincerely yours,

Approved:

Chairman, Operating Committee

Member, Bureau of Mines

Member, Geological Survey

Enclosures 12

WCAnderson:gad 9/11/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 52
Mr. Dietrich, 3061
Mr. Houk

NOT SENT
10/3/56

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1-4 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
SEP 28 1956

September 26, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville, Tenn.

Subject: DMEA-4387 (mica) Carolina Mining Co., Franklin, N.C.
Wilson Prospect, Jackson County, N.C.

Reference is made to your letter of September 18.

The attempt to combine two sections (A-A and B-B) in one on the sketch accompanying the examination report evidently resulted in presenting the picture incorrectly. A longitudinal section accompanies this memorandum.

The best way to explore a larger target area would be to provide for a 150-foot adit drift, instead of 100, at a total cost of $5,285.00 instead of $3,560.00.

We prefer the adit drift because all the work is in pegmatite, and because no additional expenditure for portal preparation is needed. To explore the larger target area by crosscut and drift, or by shaft and drift, would require in addition to portal preparation, almost as much expenditure in country rock in order to reach the target area.

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

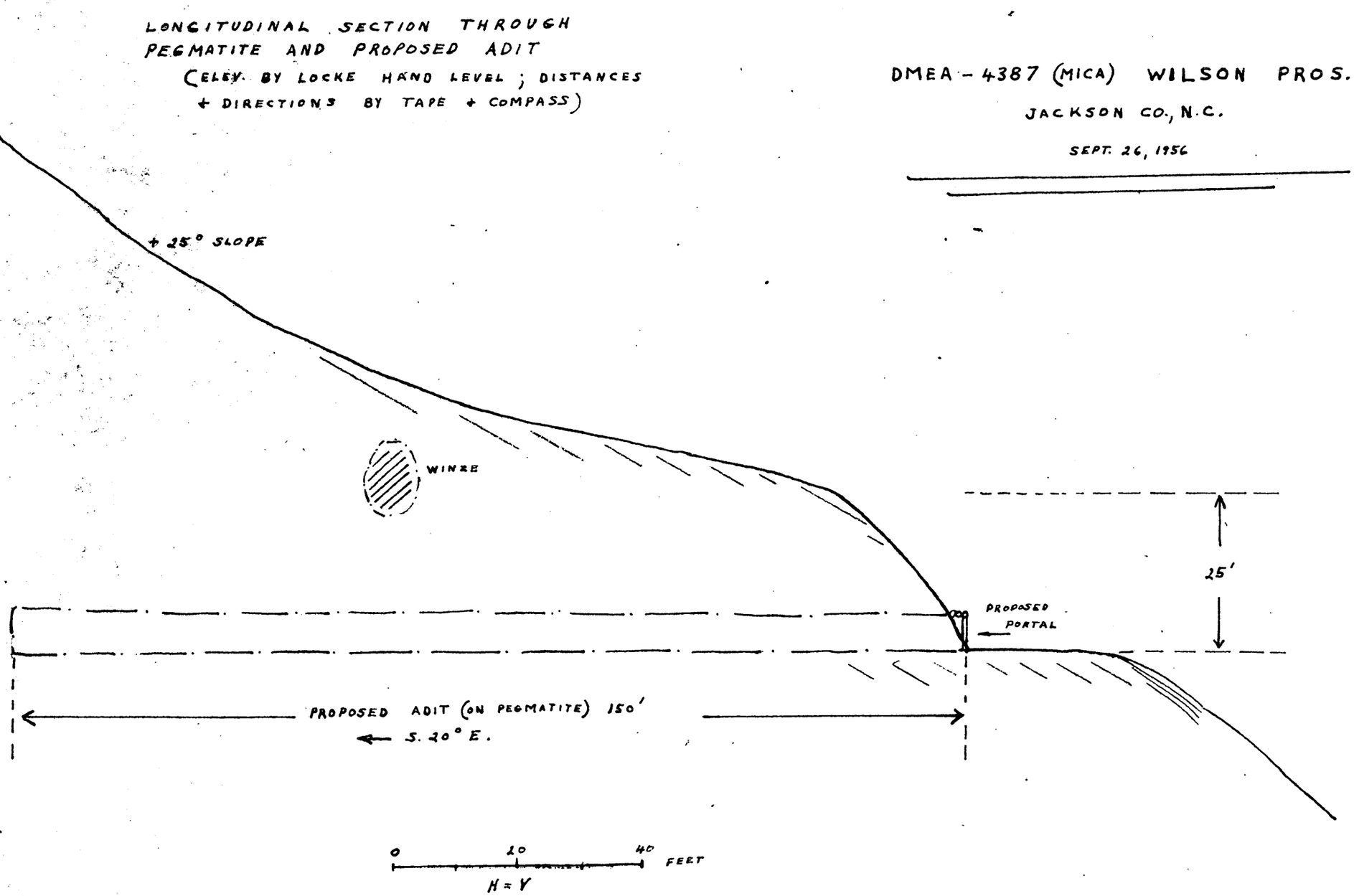
Wm. A. Beck
Wm. A. Beck, for V. J. Lynch
Bureau of Mines

LONGITUDINAL SECTION THROUGH
PEGMATITE AND PROPOSED ADIT
(ELEV. BY LOCKE HAND LEVEL ; DISTANCES
+ DIRECTIONS BY TAPE + COMPASS)

DMEA - 4387 (MICA) WILSON PROS.

JACKSON CO., N.C.

SEPT. 26, 1956



Docket Copy
Surname:
Anderson
Appers
Selfridge
Ryman
Matheudoy

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

SEP 18 1956

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

Subject: Docket No. DMEA-4387 - Mica
Carolina Mining Company
Roy H. Foute and
William Dinnes
Wilson Prospect
Jackson County, North Carolina

Dear Mr. Lawrence:

Reference is made to your memorandum of August 21, 1956, confirming the Examining Engineers' recommendation for a unit-cost contract to provide for driving an adit at the subject property.

We note that there is only about 10 to 15 feet of back throughout the length of the adit and that the northeast part of the pegmatite appears to be barren of mica. We will appreciate having a revaluation of this project with a view toward an exploration approach that would afford a larger target area. Would a crosscut driven to a point under the mica exposure and 50 feet of drift in either direction be feasible?

We will defer further action on the application until we receive your analysis of our reaction to the Field Team's recommendation.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Approved:

Frank D. Lamb (FDL)
Member, Bureau of Mines

Thor H. Kiilsgaard (THK)
Member, Geological Survey

WCAnderson:gad 9/17/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

RAL

Memorandum Sept. 14, 1956

To: Files

By: Walter C. Anderson

Subject: Evaluation of Application and Field Examination Report
Docket No. GMEA-4387-Mica
Carolina Mining Company
Wilson Prospect
Jackson County, North Carolina

A Contract is Recommended

Mica: hard, flat, clear, ruby and having minor pinking.

Pegmatite: Zoned*, vertical, 4 to 10 feet thick and conformable to the enclosing rock, weathered mica gneiss. Exposed for 90 feet along strike.
(* Report is not consistent. Called both "unzoned" and "zoned").

Old Workings: Cut - 100 feet long by 25 feet deep, small pit uphill along strike, 8 foot deep sumps from floor 21 foot long adit, and a 4 foot trench. About 50 pounds of "mine-run-block" observed at workings. This is considered a new prospect.

Method of Application: Both the applicant and the Field Team propose 100 feet of adit.

Total estimated cost of proposed project:

By Field Team	$3,560.00
By applicant	$3,000.00

Economics and Unit Costs:

The time for completion of the proposed project is estimated at 50 shifts by

both the applicant and the field team, whose estimate of costs (exclusive of new buildings) follow:

	By Field Team	By applicant
Power line (excluded)	—	$(150.00)
Labor	$1400.00	1500.00
Equipment rental	900.00	400.00
Gasoline and oil	225.00	175.00
Explosives	300.00	275.00
Drill steel	150.00	69.50
Timber	130.00	300.00
Small tools, etc	160.00	—
Contingencies	—	17.50
Sales tax	30.00	—
Insurance + Soc. Sec.	150.00	—
Total	$3,445.00	$2,737.00
Per foot	$34.45	$27.37

The difference in unit cost arises mostly from the difference in equipment rental. Since the applicant owns the equipment, the rates applied by the Field Team should not be used. The Nonmetallic Minerals Division feels that the applicant's bid is in line with other similar projects in the area and is using a unit cost of $27.50 for driving the adit.

Recommendation: The Nonmetallic Minerals Division and the commodity member of the Bureau of Mines and Geological Survey concur in the Field Team recommendation for a contract.

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

August 29, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4387 (mica)

Applicant: Carolina Mining Co. (R. H. Fouts)

Name and Location of Property: Wilson Prospect, Jackson County, N. C.

Date of Field Team Report: 8/20/56

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 8/27/56

Field Team Recommendation: Recommend a unit-cost contract.

Comments:

1. About 50 pounds of "excellent mine-run" ruby muscovite was recovered from a zoned, vertical pegmatite, 4 to 10 feet thick, with an exposed strike length of 90 feet.

2. Total estimated costs are in the amount of $3,560.00.

Recommendation:

I concur with the field team's recommendation.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

August 29, 1956

Re: DMEA 4387
Carolina Mining Co.
Wilson prospect
Jackson County, N. C.
Appl. Est. $3,263.00 Mica
Rec'd. " $3,560.00

Memorandum

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

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

Subject: Review of Field Team report

The applicant requested assistance in driving a drift adit in a pegmatite on which some work has been done.

The examiners found a 4- to 10-foot pegmatite had been exposed in open cuts and an 8-foot winze. From the openings 50 pounds of mine-run-block mica had been recovered, probably from the winze at which place the pegmatite is 10 feet wide and zoned.

The examiners and the Field Team recommend that a 100-foot adit be driven at an estimated cost of $3,560.00.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

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

August 21, 1956

Memorandum

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

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

Subject: DMEA-4387 (Mica)
Carolina Mining Co., Franklin, N. C.
Wilson Prospect, Jackson County, North Carolina

Enclosed are four copies of the subject examination report, and nine extra copies of the sketch map.

We recommend approval of a unit-cost contract to provide for driving an adit, as outlined in the report.

Robert A. Laurence
Robert A. Laurence
Executive Officer

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

Enclosures 4

ON-SITE EXAM.

RECEIVED
AUG 23 1956

Reviewed by
DMEA OPERATING COMMITTEE
8-27-56
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT
REGION V

On

DMEA-4387 (mica) WILSON PROSPECT
Jackson County, N. C.

By

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

and

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

August 20, 1956

Released by
DMEA OPERATING CONTRACTOR
8-27-56
(Date)

FIELD EXAMINATION REPORT

DMEA-4387 (mica) WILSON PROSPECT

Applicant: Carolina Mining Company (Roy H. Fouts and William Dinnes), Box 314, Franklin, N. C.

Summary

About 50 pounds of excellent "mine-run" ruby muscovite mica has been recovered from recent work at this new prospect. A zoned, vertical pegmatite 4 to 10 ft thick, containing strategic muscovite is exposed for a total strike length of 90 ft. Exploration is warranted and a unit-cost contract is recommended.

Introduction

The Wilson prospect is about 1000 ft west of U. S. Highway 23 and 7.75 airline miles S. 20° W. of Dillsboro, Jackson County, N. C. (Greens Creek, N. C., Quadrangle TVA, 166-SE, 1/24,000). The Murray Mountain mine is a few hundred feet N. 60° W. of this prospect.

The prospect was examined on August 6, 1956, in the company of Roy H. Fouts and William Dinnes, the applicants. Two hours were spent in the examination.

The applicants have recently had contracts with DMEA (Clark mine, DMEA-4224, and Hall mine, DMEA-4205) and have cooperated fully with the field examiners. They use good equipment and employ skilled miners. Both Mr. Fouts and Mr. Dinnes are associated with the Mica Development Corporation and operate the Chalk Hill Mica Mine.

No equipment exists on the property. Electric power is about 600 ft away and water is about 100 ft downhill from the prospect.

Geology and Workings

Workings include a cut 100 ft long, 25 ft deep (on S. side only) trending N. 60° W., a small pit uphill along strike, and an 8 ft deep winz from the floor of a short (2 ft) adit and 21 ft long, 4 ft wide trench (see map).

The vertically dipping conformable pegmatite strikes N. 20° W. for 90 ft (as exposed). It is 4 ft thick in the open cut, downhill from the upper works and is unzoned. Uphill, in the winzeit contains a 2-ft quartz core and is 10 ft thick with fine-grained kaolinized plagioclase and quartz on the SW contact, and larger feldspar, quartz and muscovite on the NE side of the core. The pegmatite is exposed continuously over a strike length of 40 ft up the wall of the cut.

The muscovite is hard, flat, and clear ruby mica with only minor ruling. About 50 pounds of "mine-run-block" (some 6 inches wide) was observed at the prospect that represented the total amount recovered during bulldozing.

The country rock is a weathered mica gneiss. The strike and dip of the gneissic foliation is essentially the same as the dike, N. 20° W. and vertical.

Leased Area

The leased area is adequate for the proposed exploration. The center of the mine, represented by a stake at point X (see map) in the cut is 285 ft N. 45° W. from the Poplar corner described in the deed of the Wilson property that accompanies the application (Recorded in Register of Deeds for Jackson County, North Carolina, Book 203, page 152).

Recommendation

It is recommended that a unit-cost program of exploration be undertaken on this mica pegmatite. An adit 100 ft long (and 5 ft x 7 ft in the clear of timber) should be driven on the pegmatite, with the portal at point "X" on the accompanying map.

Estimated Costs

Drive 100 feet of drift 5' x 7' in cross section and timbered where necessary. All drift work should be conducted in pegmatite.

100 feet of drift (50 shifts)

Construct:

Toolhouse	$75.00
Powder Magazine	25.00
Exploder Magazine	15.00

Labor:

1 - Foreman-miner @ $1.50/hr	600.00
2 - Laborers @ $1.00/hr	800.00

Equipment (rental)

105 c.f.m. Air Compressor @ $200/Mo.	500.00
Rock hammer and Air Jackleg @ 100/Mo.	250.00
Air blower @ $75/Mo.	150.00

Supplies:

Gasoline and oil	$225.00
Explosives	300.00
Drill steel	150.00
Timber - 2000 bf @ $65/M	130.00
Small tools, pipe and airline for blower	160.00
Sales tax	30.00
Liability Ins. & Soc.Sec.	150.00
Total estimated cost	$3,560.00

August 20, 1956
g

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

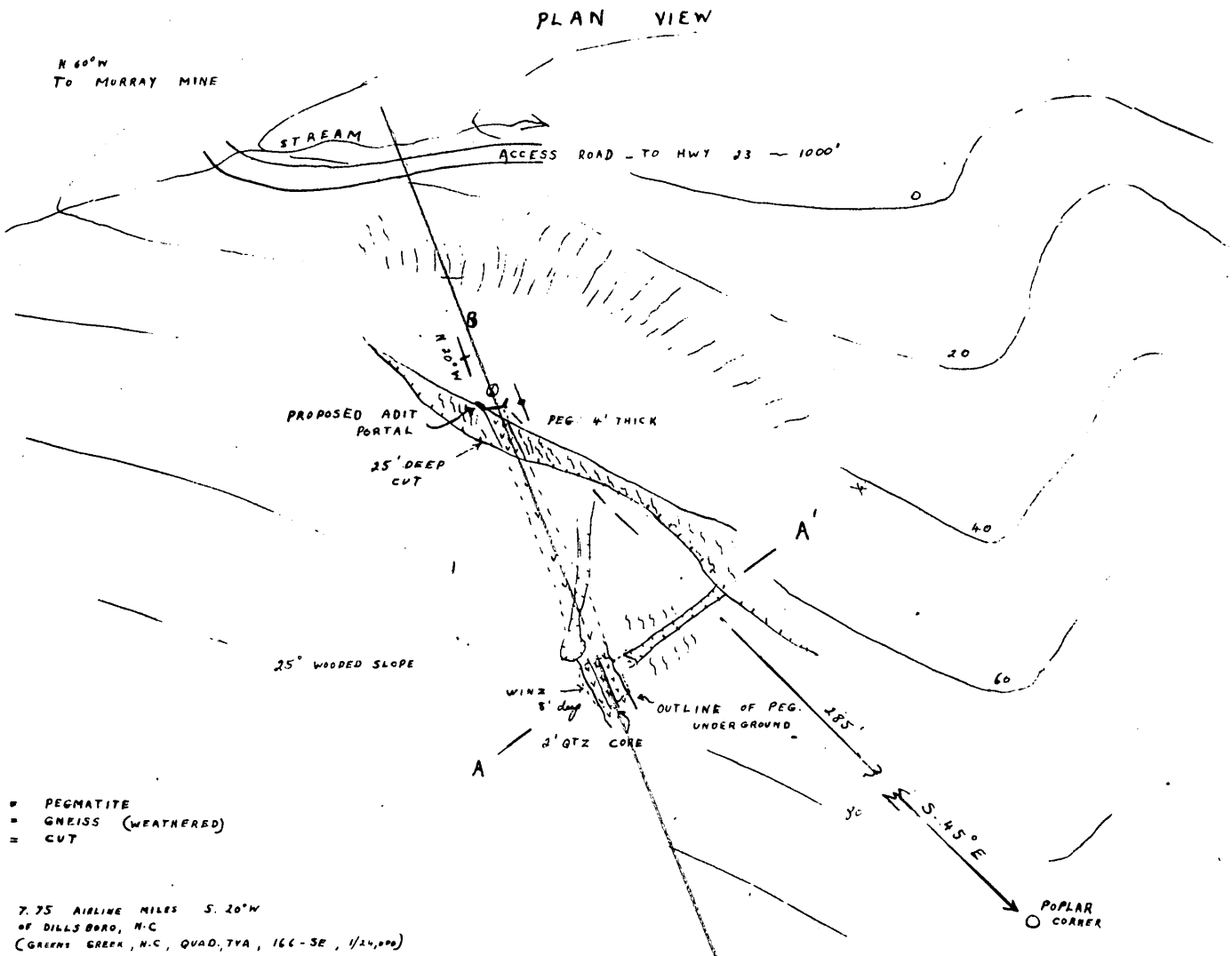
L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

DMEA-4387 (MICA)

WILSON PROS.

JACKSON CO., N.C.

8-6-1956

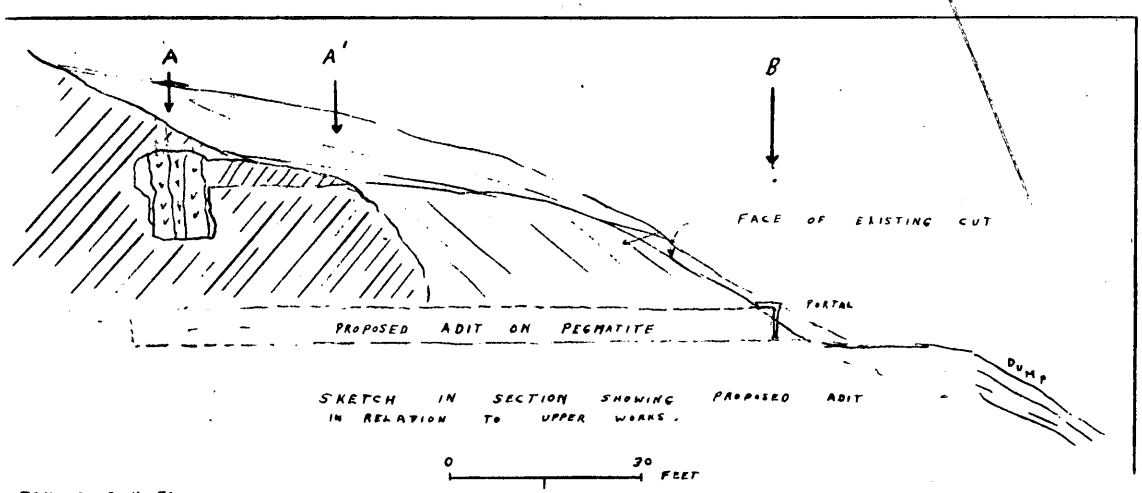


= PEGMATITE

= GNEISS (WEATHERED)

= CUT

LOCATION: 7.75 AIRLINE MILES S. 20°W OF DILLSBORO, N.C (GREENS CREEK, N.C, QUAD., TVA, 166-SE, 1/24,000)



SKETCH IN SECTION SHOWING PROPOSED ADIT IN RELATION TO UPPER WORKS.

N

0 50 FEET

SCALE

TAYLOR 8-11-56

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

DOCKET COPY
Surname:
Anderson
Houk
Nelson
Yager
Selfridge
Johnson

JUL 27 1956

Carolina Mining Company
P. O. Box 314
Franklin, North Carolina

Re: Docket No. DMEA-4387-mica
Carolina Mining Company
Roy H. Foute and
William Dinnes
Wilson Prospect
Jackson County, North Carolina

Gentlemen:

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 you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

WCAnderson:ms 7/26/56
Copy to: Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Admr. R. File

R.C.S.

DOCKET COPY
Surname:
Anderson
Houk
Selfridge
Johnson

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

JUL 27 1956

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

Re: Docket No. DMEA-4387-mica
Carolina Mining Company
Roy H. Fouts and
William Dinnes
Wilson Prospect
Jackson County, North Carolina

Dear Mr. Laurence:

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

Copies of memoranda dated July 23 and 24, 1956, by Mr. N. E. Nelson, USGS, and Mr. W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

Sincerely yours,

George C. Selfridge (by ey)
Chairman, Operating Committee

Approved:
R. F. Hopes (by ey)
Member, Bureau of Mines

N. E. Nelson
Member, Geological Survey

Enclosures: 4

WCAnderson:ms 7/26/56
Copy to: Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Admr. R. File

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

RECEIVED
JUL 25 1956

July 24, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4387 (mica)

Applicant: Carolina Mining Co. (R. A. Fouts & W. Dinnes)

Name and Location of Property: _____, Jackson County, N. C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 7/19/56

Comments:

1. This is a new prospect and no data available in this office on this property.

2. This deposit appears to have possibilities for the development of strategic mica.

3. Total estimated costs are in the amount of $3,000.00.

Recommendation:

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

W. F. Dietrich
W. F. Dietrich

Attachment

IN REPLY REFER TO:

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

RECEIVED
JUL 24 1956

July 23, 1956

Re: DMEA 4387
Carolina Mining Co.
Wilson tract
Jackson County, N.C.
$3,263.00 Mica

Memorandum

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

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

Subject: Review of application

The applicant requests assistance in exploring a pegmatite on which some work has been done, by driving a drift adit.

The applicant now has a contract, DMEA 4224, Idm-E954 and an application, 4361, is pending.

Referral of the application to the Field Team for appropriate action is recommended.

N. E. Nelson

N. E. Nelson

July 18, 1956

Carolina Mining Company
P. O. Box 314
Franklin, N. C.

Subject: DMEA-4387
Re: Exploration Assistance
Wilson Mine

Gentlemen

The receipt of your application dated July 13, 1956 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4387 and referred to the Nonmetallic Mineral Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

July 18, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region V

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region V.

DMEA
- 4387 Carolina Mining Co.
Wilson Mine

Robert E. Adams
Chief, Operation's Control
and Statistics Division

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

WASHINGTON 25, D. C.

RECEIVED
JUL 18 1956

July 16, 1956

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Application from Carolina Mining Co. Wilson Mine (mica)
Jackson County, N. C.

Enclosed are three copies of the subject application, with a copy of the lease and six signed copies of the Consent to Lien. We have retained the fourth copy for our use.

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

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