UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated ~~(or cancelled)~~ without certification. DMEA No. 2201

This is the official contract file containing all official records of the project. Duplicate material has been removed. The records contained in the files are checked and are arranged in this manner:

Left Side

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.

Schedule of Collections.

✓ Operator's monthly reports and all attachments (latest on top).

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.

✓ Interim Reports.

✓ On-site Exam Report(s). (Tab)

Settlement Sheets.

If additional folders are required because of volume of records, show folder numbers and contents below:

Maps in folder number_____

Operator's Monthly Reports in folder number _____

R.C.G.
Reviewer's Initials

7973

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

L. Rex Boone

P. O. Box 293

Charlotte, North Carolina

pertaining to Exploration Project Contract No. Idm-E243, Docket No. DMEA-2201, including Amendments Nos. 1 and 2, for the months of March to July, 1952, inclusive.

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, consultation with the Executive Officer of the Field Team, and a determination of the reasonableness and propriety of the costs.

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

(a) the administrative cost to the Government of an audit would be excessive in relation to value of the contract or the estimated amount of possible disallowances thereunder;
(b) the Monthly Reports were supported by documentary proof of the costs incurred under the contract; and
(c) the major portion ($1,905.00) of the allowable costs was for bulldozer and dragline work at hourly rates.

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

Total cost as billed by Contractor		$ 2,563.22
Exceptions:		
By DMEA Finance Officer	$ - 0 -	
Herewith	- 0 -	-0-
Total Accepted Cost		$ 2,563.22

The contract calls for a 90 per cent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Two thousand three hundred six and 90/100 Dollars

— $2,306.90 —

is considered valid and proper.

Jay M. Chandler
Auditor

November 13, 1952

Government Copy
Mica

TERMINATION OF EXPLORATION PROJECT CONTRACT BY AGREEMENT
AFTER COMMENCEMENT BUT BEFORE COMPLETION OF THE WORK

It is agreed this 1 day of August, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and L. Rex Boone, P.O. Box 293, Charlotte, North Carolina, hereinafter called the "Operator," parties to that certain Exploration Project Contract I-dm-E 243, Docket No. DMEA-2201X, dated 25 th January 1952, that the said contract shall be and is hereby terminated as of the first date above written.

Any work prosecuted or costs incurred by the Operator after the date first above written shall be for the sole account of the Operator, except for (a) such necessary and reasonable costs and expenses as may be incurred in preserving and disposing of any facilities, buildings, fixtures, equipment, or other items, to the cost of which the Government has contributed and in which the Government has an equity, and (b) the costs of any reports, accounts, and winding-up and settlement actions provided for in the contract.

The undersigned Operator hereby releases and agrees to save harmless the Government from all claims and demands under or arising out of said Exploration Project Contract, except as herein expressly otherwise provided.

Witness the following signatures as of the day and year first above written.

UNITED STATES OF AMERICA

By Robert A. Lawrence

L. Rex Boone
(Operator)

By

Government Copy
Mica

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Bureau of Mines
MAY 26 1952

CONTRACT AMENDMENT NO. II

Contract Docket No. DMEA-2201, Idm-E243 (mica), dated January 25, 1952, between THE UNITED STATES OF AMERICA and L. REX BOONE, an individual is hereby amended as follows:

Item 3, is amended to bring the project to completion within a period of two hundred ten days from date of contract instead of one hundred-twenty days as set forth in Amendment No. I.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of the costs which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

THE UNITED STATES OF AMERICA

By Robert A. Laurence
Robert A. Laurence, Executive Officer, DMEA-Region VII

L. REX BOONE (An Individual)

Operator

May 20, 1952

Contracts and Audit Copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
EXPLORATION

FEB 13 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

CONTRACT AMENDMENT

Contract Docket No. DMEA-2201, Idm-E243 (mica), dated January 25, 1952, between THE UNITED STATES OF AMERICA and L. REX BOONE, an individual is hereby amended as follows:

Item 3, is amended to provide sixty (60) days from date of contract to commence work on the project, and to bring the project to completion within a period of one hundred-twenty (120) days from the date of 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 obligated to pay, or the percentage of the costs which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

THE UNITED STATES OF AMERICA

By W A Beck

Wm. A. Beck, Acting Executive Officer
Defense Minerals Exploration Admin.

L. REX BOONE (An Individual)

2/8/52

Operator

MW Blank received
2/13/52 (MB)

MF-200
(June 1951)

Docket No. DMA 2201
Commodity Mica
Idm-E243

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1952

Government's Copy

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 25 day of January, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] L. Rex Boone, an individual, P. O. Box 293, Charlotte, North Carolina

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of North Carolina, County of Cleveland described as follows: [3] Being a tract of land containing three (3) acres more or less located on extreme eastern limits of the property of Cliff C. Blanton, known as the Cliff Blanton Mica Mine, and being the same land described in lease agreement dated July 25, 1951 between Operator and Cliff C. Blanton.

with respect to which the Operator represents and undertakes: [4]

(*a*) ~~That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached~~:

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within thirty (30) days from the date of this contract shall commence work on a project of exploration for [5] strategic mica; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] ninety (90) days from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Any additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute currently its agreed pro rata share, are listed in Exhibit "A" attached hereto. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro rata share.

6. *Operating equipment.* Any operating equipment to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or depreciation, as the case may be, is listed under appropriate headings in Exhibit "A" attached hereto. As to equipment purchased for the project, the Government will contribute its agreed pro rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* An itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project is set forth in Exhibit "A" attached hereto.

9. *Rehabilitation and repairs.* A statement of the cost of any necessary rehabilitation or repairs to put existing facilities, buildings, installations, and fixtures into useful and operable condition and which are to be allowed as costs of the project is included in Exhibit "A."

10. *Allowable costs of the project.* The costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, analytical work, accounting, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in this contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, taxes, or any other indirect costs not expressly allowed by these provisions, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

12. *Progress reports.* The Operator shall provide the Government with monthly reports of work performed under the contract upon forms to be provided by the Government. Each monthly progress report shall bear the certification of the Operator and shall constitute the Operator's invoice of costs incurred on the project during the period covered by the report.

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 90 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $3,600.00, which is 90 percent of the agreed estimated total cost of this project, $4,000.00.

14. *Final reports by Operator.* Upon completion of the project or termination of this contract, the Operator shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

15. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter, shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent for each additional full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the mineral deposit which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

16. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

17. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in sextuplicate the day and year first above written.

L. Rex Boone
(Operator)

By [signature]

THE UNITED STATES OF AMERICA

By C O Mittendorf
Acting Administrator, Defense Minerals Exploration Administration

U. S. GOVERNMENT PRINTING OFFICE 16—64066-2

EXPLORATION PROJECT CONTRACT
L. REX BOONE
DOCKET NO. DMEA-2201

EXHIBIT "A"

Statement of the Work

Strip by dragline and bulldozer three trenches 10' wide and 15 feet in depth totaling 500' in length. Location of trenches is shown on the attached map.

Dig nine test pits averaging 20 feet in depth from the bottoms of trenches and from such other points on the property depending upon data obtained from the trenching.

Estimated Costs of the Project

Fixtures and improvements

None

Operating equipment

To be rented:

1 Dragline, 150 hrs. @ $12.00 per hr. 1/	$1,800.00	
1 Bulldozer, 10 hrs. @ $12.00 per hr. 1/	120.00	
1 Air compressor complete with rock drill and accessories for 1 mo. @ $250.00 per mo.	250.00	
1 Dump truck for 20 days @ $16.00 per day	320.00	$2,490.00

To be purchased:

Supplies, dynamite, caps, fuse, gasoline, oil, small tools, etc.	500.00

Furnished by Operator:

None

1/ Cost includes operator, fuel, oil and repairs.

Labor and Supervision		
2 Laborers @ $6.00 per day each for 20 days	$ 240.00	
1 Superintendent, 20 days @ $20.00 per day	400.00	
Insurance and contingencies	370.00	$1,010.00
Rehabilitation and repairs		
None		
Estimated total		$4,000.00

A surface map showing monthly progress with visual assays of areas in trenches and pits where mica is encountered are to be included in the progress reports required under section 12 of the Contract.

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Cleveland, State of North Carolina, described in a certain Exploration Project Contract dated January 25, 195 2 between L. Rex Boone, (An Individual), the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated July 25, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 23rd day of October, 195 1

Cliff C. Blanton

Cliff C. Blanton.

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

Float
Quartz with scrap mica
Pit 2
Heavy
Quartz
Float
845
865
880
875
870
865
890
885
North Pegmatite Cliff Blanton Mica Mine
Cleveland Co. N.C.
D.M.A. Doc. No 2201 X
0 10 20 40 60 80 Feet

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

FEB 8 8 53 PM '52

Copied from lease in DMA-1895 July 2, 1953

COPY

LEASE

Docket DMEA-2201

Cleveland County

This lease, made and entered into on this the 25th day of July, 1951, by and between Cliff C. Blanton(Widower) hereinafter called the Lessor, of the First Part, of the County of Cleveland, State of North Carolina, and L. Rex Boone, of the County of Yancey, State of North Carolina, hereinafter called the Lessee, of the Second Part.

WITNESSETH: That the Lessor for and in consideration of the rents and royalties hereinafter expressed to be paid by the Lessee, and other conditions herein expressed, hereby let and demise unto the Lessee the following described property for the purpose of mining said property for Mica and other minerals as may be found upon said premises.

Being situate in Cleveland County, North Carolina, and more particularly described as follows: Being a tract of land containing three (3) acres more or less, located on the extreme eastern limits of the property of Lessor, and more particularly known as the Cliff Blanton Mica Mine, and being a specified area of the 101-acre home tract of Cliff C. Blanton.

It is further agreed by the parties hereto that the Lessee shall have no right to transfer this lease or sublet the same to any other person or persons without first procuring from owner and Lessor or his legally constituted agents authority in writing. It is agreed between the parties hereto, however, that Lessor may purchase said mine tract for the sum of Three Thousand and Five Hundred Dollars ($3,5000.00) at any time within the term of this lease.

The Lessee hereby agrees to pay to the lessor, one eighth (1/8) royalty on all minerals extracted and sold, and that the Lessor agrees to accept same in consideration of this lease; that in the event Lessee exercises

the purchase privilege of this lease, then the royalties heretofore mentioned shall cease as of the date of Instrument of Transfer of Title of property from Lessor to Lessee; that no damage shall be done to or upon said promises other than may be necessary in the proper operation of the mine or mines thereon.

That the Lessee covenants with the Lessor to enter upon said premises and work the same in a manner consistent with good and economical mining so as to obtain the greastest quality of minerals, with due regard to the safety, development and preservation of said premises, and it is further agreed that the Lessee shall have the right of ingress and egress to said property but shall not have the use of rights of timber on said lands except as may be agreed upon.

That the term of this lease shall be for a period of one year from the date of its execution.

IN WITNESS WHEREOF, we the said parties hereto fix out hands and seals the year and day above written.

/s/ Cliff C. Blanton (Seal)
Lessor

/s/ L. Rex Boone (Seal)
Lessee

- - - - - - -

North Carolina

Cleveland County

I, C. B. Elliott, N. P. A Notary Public in and for above-mentioned county and state, certify that Cliff C. Blanton and L. Rex Boone personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and Official Seal, this 25th day of July, 1951.

/s/ C. B. Elliott, N. P.

My Commission Expires 3/15/53 . Notary Public.

- - - - - - - - - - - -

North Carolina

Cleveland County

The foregoing certificate of C. B. Elliott A Notary Public of Cleveland County is adjudged to be correct. Let the instrument with this certificate be recorded.

This the 26th day of July, 1951.

/s/ Nan Arrowood

Dpty. Clerk, Superior Court.

Filed for Registration on the 26th day of July 1951 at 8 o'clock A. M., and recorded in Book 6-L, page 422 Public Registry of Cleveland County, North Carolina.

/s/ Dan W. Moore

Register of Deeds.

by: /s/ Eva Thompson, Deputy

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. DMA 2201
Metal or Mineral
Date Received 10-29-51
Amount $
Participation (Government %)

Name and address of applicant

L. Rex Boone, (An Individual)
Post Office Box 293,
Charlotte, North Carolina.

Date October 27, 1951.

If you have already filed MF-100, give date filed July 23, 1951, type of assistance requested Production Loan

DMA Docket Number (if available) ~~1895X~~ 2201

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. See Docket 1895

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.
   Attached to Docket 1895

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.
   Known as Cliff Blanton Mica Mine, Shelby, Cleveland Co., N.C.

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.
   Form MF-202 executed by Lessor

2. (*a*) What metals or minerals do you expect to find? Strategic Ruby Mica.

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

Attached to Docket 1895X

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 29 1951

16—64067-2

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

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

(Name of company)	By (Signature of authorized official) L. Rex Boone, (An Individual)
October 27, 1951. (Date)	Applicant (Title)

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—64067-2

3. (a) It is proposed to cut three tranches with a dragline, normal to the strike of the pegmatite. Two trenches to be 200 feet in length and the third to 100 feet long. Trenches to be 10 feet in width at the bottom and to be dug to an average depth of 15 feet from the surface. Upon completion of the trenching, seven test pits 5' x 5' in dimension, will be dug in the trenches to an average depth of 20 feet below trench bottom. These test pits will be placed in the most favorable areas of the deposit. Three other test pits will be dug to depths of approximately 35 feet in other favorable areas on the tract. Test pits will be dug with a clamshell.

Total cost of the project will be as follows:

*1 - Dragline, trenching and test pitting, 150 hours @ $12.00 per hour	$ 1,800.00
Supervision & Labor	640.00
*Bulldozer, 10 hours @ $12.00 per hour	120.00
Air Compressor, Rental, & Rock Drill with accessories, 1 Month @ $250.00	250.00
Supplies, dynamite, caps, fuses, gasoline, oil, small tools, etc.	500.00
Rental of Dump Truck, 20 days @ $16.00	320.00
Insurance & contingencies	370.00
Total cost of project	$ 4,000.00

3. (b) Project will be started within 30 days after signing of the contract and will be completed within 90 days.

4. Attached to form MF-102, Docket 1895X.

5. None

6. None

7. Rented, Dragline, 150 hours @ $12.00 per hr. $1,800.00
Bulldozer, 10 hours @ 12.00 per hr. 120.00
Air Compressor, rock drill & accessories 1 Month @ $250.00 per month 250.00
Dump Truck, 20 days @ $16.00 per day 320.00

Purchased: None
Furnished: None

8. 2 Laborers @ $6.00 per day, each for 20 days 240.00
1 Superintendent, 20 days @ $20.00 per day 400.00

9. None

10. (a) 10 percent of the total cost.
(b) Yes.

11. None

*By contract. Cost to include operator, fuel, oil & repairs.

F-104 (Rev.)
ril 1952)

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

UNITED STATES
EPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Mr. Hearne

Month of July, 1952 Docket No. DMEA 2201 Contract No. Idm-E-243
Operator's Name L. Rex Boone, Minerals Mica
Address P.O. Box 293, Charlotte, N. C.
Contract Amount, $ 4,000.00 Government Participation: 90 % Amount, $ 1,017.70

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	124.01	0	124.01	124.01		124.01
Supervision	180.00	300.00	480.00	180.00	300.00	480.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Bags	0	2.50	2.50		2.50	2.50
Gasoline(Pump)	1.75	0	1.75	1.75		1.75
(4) Operating Equipment:						
Rental	685.00	1220.00	1905.00	685.00	1220.00	1905.00
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
* Payroll Taxes FICA	1.89	0	1.89	1.89		1.89
Liability Insurance						
(*To be paid prior 10/31/52)						
(8) Contingencies (specify):						
Pump Rental	21.50	0	21.50	21.50		21.50
Telephone	3.55	13.80	17.35	3.55	13.80	17.35
Advertising	0	9.22	9.22		9.22	9.22
TOTALS	1017.70	1545.52	2563.22	1017.70	1545.52	2563.22

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

Date Aug. 1, 1952 *Payee L. Rex Boone,

Per [signature] Title Operator

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

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

(Instructions on reverse)

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

$ 915.93

E INTERIOR
Administration
Signature
(Authorized Certifying Officer)

Date 1952 Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E243 in accordance with the terms of the contract.

Signature Benjamin Gildersleeve Title Geologist, U.S.G.S. Date 8-11-52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W E Beck Title Acting Exec. Officer Date 8-11-52

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.

U. S. GOVERNMENT PRINTING OFFICE 205675

Form [illegible]F-104A
([illegible] 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 195 2 Docket No. DMEA 2201 Contract No. Idm-E-243

Operator's Name L. Rex Boone, Minerals Mica

Address P.O. Box 293, Charlotte, 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								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching	C.Y.	0	0	700.00	1876	$0.373		
Test Pits	C.Y.	1017.70	1647	1837.70	2689	0.683		
Roads and Trails								
Other (Misc.)		0	0	25.52	0			
TOTAL DISTRIBUTED COSTS		$1017.70		$ 2563.22				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1017.70		$ 2563.22				

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 Aug. 1, 1952 Operator L. Rex Boone

Per [signature] Title Operator.

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

REMARKS:

(Instructions on reverse)

(For Government use only)

2563.22
4565 ft

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.

U. S. GOVERNMENT PRINTING OFFICE 205676

I N V O I C E

YOUNT-SETZER ASSOCIATES, INC.,
CHARLOTTE, N. C.

July 25, 1952

To: L. Rex Boone, Operator,
Cliff Blanton Mica Mine,
Rt. 5, Shelby, N. C.,
P.O. Box 293, Charlotte, N. C.

COPY

65 Hours Clamshell & Dragline Operation your Project @ 10.00 $650.00

Near Shelby, N. C.

Contract Idm-E-243 (Mica)

PAID IN FULL, July 25, 1952.

YOUNT-SETZER ASSOCIATES, INC.

By: Alan Setzer

R E C E I P T

July 25, 1952.

Received of L. Rex Boone, the sum of $35.00 (Thirty Five Dollars) for Bulldozer work done at Mica Mine near Shelby, N. C.

Contract Idm-E-243 (Mica)

C O P Y

Laurel L. Hayle
Laurdale, N. C.

~~HOMELITE~~ CORPORATION

PORTABLE PUMPS GENERATORS BLOWERS

PORT CHESTER, NEW YORK

LEASE AGREE

~~PURCHASE ORDER~~

No. 31252

SHOW THIS NUMBER ON INVOICES, PACKAGES AND SHIPPING PAPERS.

L. REX BOONE
P.O. BOX 293
CHARLOTTE, N.C.

PLEASE SHIP VIA

Rental of 2352-1 2" pump with 20' suction hose	20.00
	1.50
	21.50
SER No 360227	
ONE WEEK	
TERMINATED 7-26-52	

Correct;
~~B~~ 7/31/52

Russell M. Quisler Paid 7-31-52
RM.Q.

P. O. DEPT.

WILLIAM J. CARROLL PURCHASING AGENT

I certify the following is a true and correct listing of miscellaneous expenditures incurred on Contract Idm-E-243, during the month of July 1952, either paid or obligated to be paid:

	Telephone Call to Mr. Wm. A. Beck 7/11/52	$.	3.55
(Fuel)	Gasoline for Water Pump(Pur. from E.R. Wellman 7/21/52		1.75
	Employer's Contribution, FICA Taxes, (To be accounted for prior to 10/31/52)		1.89
	Total - - - - - - - - - - - - - -	$	7.19

Certified Correct:

L. Rex Boone, Operator.

Post Office Box 293,
Charlotte, N. C.,
August 4, 1952.

Mr. Robert A. Laurence,
Executive Officer, DMEA,
Field Team, Region 7,
Room 13, Post Office Building,
Knoxville, Tenn.

AMENDMENT NO. 1, REPORT OF PROGRESS-JULY 1952

FINAL REPORT

Dear Sir:

Re: DMA-2201X, Idm-E243, (Mica)
Cliff Blanton Mine

In acknowledgment of receipt of your letter of August 1, I am returning herewith Original and 4 copies of TERMINATION OF EXPLORATION PROJECT CONTRACT BY AGREEMENT AFTER COMMENCEMENT BUT BEFORE COMPLETION, properly executed.

It is presumed this letter from you and the Termination Agreement is in lieu of the Certification provided for under Section 15 of the Contract, and that Form MF-202, Landlord's Subordination Agreement, is or will be waived as of the date of the Contract Termination as provided in Section 17, sub-section "c". That is, the Contract Termination is provided for in such Section and sub-section.

In this connection, Report of Progress-July 1952 mailed to you on August 1, 1952, shall be considered FINAL REPORT on this project, and in compliance with the request of Administrative Officer, office of the Regional Director, Region VII, P.O. Box 217, Morris, Tennessee that office is furnished a copy of this letter.

Respectfully Submitted,

L. Rex Boone, (An Individual)
Operator.

b/b
Contract Termination in quintuple.

Post Office Box 293,
Charlotte, N. C.,
August 1, 1952.

The Executive Officer,
DMEA Field Team, Region VII,
Room 13, Post Office Building,
Knoxville, Tennessee.

Thru: Mr. L. A. Marshall, U.S. Bureau of Mines,
111 Patton Avenue, Asheville, N. C.

Dear Sir:

RE: REPORT OF PROGRESS-JULY 1952

DMEA 2201, Idm-243-E (MICA)

Transmitted herewith in quintuple are Forms MF-104 and MF-104A, covering operations on the above project for the month of July 1952.

CHANNEL #1 - PIT #1

Principal operations carried out during the month were as suggested by Mr. Wm. A. Beck, Geologist, that of a continuation of the pitting at pit location, Channel #1, which is on the easternmost outcropping of the North Pegmatite of this property.

A half-yard combination dragline-clamshell obtained from Yount-Setzer Associates, Charlotte, N. C., worked a total of sixty-five (65) hours on the project from July 12, 1952 until Noon, July 23, 1952. A small Bulldozer (D-4) was obtained for a period of five (5) hours on July 22 and July 23, 1952 which was engaged principally in clearing and grubbing, and leveling mine dump and reopening roadways closed by prior operations. This bulldozer was one previously used at this location, and was rented from Laurel Hoyle, Lawndale, N. C. Also, a new two-inch (2") water pump was rented from Homelite Corporation, Charlotte, N. C., for the week of July 20-26, 1952, and was used to dewater the shaft in order to examine the bottom of the excavation and permit a workman in the bottom to recover any mica uncovered by excavation. Also, three (3) laborers were employed during this month for a total of one hundred sixty-eight (168) hours, and were used in mucking , working the dump, and working the bottom of the shaft for mica.

The results of the latest operation, in my thinking, were satisfactory, in that approximately 1800 pounds of mica were recovered this month (July), the majority of which will average far in excess of the 4.5% required under the Purchase Program "B". Mica equal to that ever obtained anywhere was recovered in this operation.

Summarizing the entire operation we conclude: Recovered approximately 4,000 pounds of block mica, approximately 3,000 pounds of which were recovered from Channel-Shaft #1. Recovered 400 pounds approximately from Channel-Pit #2, and approximately 600 pounds, principally scrap mica from Channel-Pit #3. Excavated: 4565 Plus or Minus, C.Y. of earth and rock for an average cost of $ 0.561 per C.Y., including all cost to date. Total cost to the Government to date, $2,306.90, provided July Invoice is approved and paid, or an average actual cost in monies spent of $ 0.5053 per C.Y. of material moved.

The estimated value of mica recovered, excluding scrap, is not less than $1.00 per pound, as is, where is, for at least 3,000 pounds of the recovered material and no reference or value approximate or probable is made on materials that may later be recovered from mine dumps.

Attached hereto: Copy of July payroll, Invoices of Yount-Setzer Assoc., and Laurel Hoyle, and Homelite Corporation, and certified copy, miscellaneous expenditures, either made or obligated.

Respectfully Submitted,

L. Rex Boone, Operator.

b/b

Post Office Box 293,
Charlotte, N. C.,
July 8, 1952.

The Executive Officer,
DMEA, Field Team, Region VII,
Room 13, Post Office Building,
Knoxville, Tennessee.

Dear Sir:

Re: REPORT OF PROGRESS - JUNE 1952

DMEA-2201, Idm-243 (Mica)

Inasmuch as there was no activity on this project during the Month of June, 1952, I presume this letter will be sufficient report in lieu of Forms 104 and 104A.

Enclosed herewith is PAID Invoices of Yount-Setzer Associates for work performed during the Month of May 1952.

The Operator plans to continue operations just as soon after July 15 as other conditions will permit, and will advise your office when activity again gets under way.

Yours very truly,

L. Rex Boone, Operator,
(An Individual)

b/b

Encl's.: Original & 4 copies of Paid Invoice, Yount-Setzer Associates.

Routed Through: Mr. L. A. Marshall, U.S. Bureau of Mines, 111 Patton Avenue, Asheville, N. C.

A TRUE COPY

INVOICE

YOUNT-SETZER ASSOCIATES, INC.,

1908 Dilworth Road West,

Charlotte, N. C.

5/26/52

In Account With: L. Rex Boone,
P.O. Box 293,
Charlotte, N. C.

COPY

Contract Idm. - E - 243,

Work done by 1/2-Yd. Clamshell near Shelby, N. C.

from 5/13/52 to 5/23/52 inclusive - - -

82 Hours @ $ 10.00 Per hour $ 820.00

Please mail check to:

1908 Dilworth Road, West,
Charlotte, N. C.

Approved: L. Rex Boone, Operator.

Certified a True Copy:

L. Rex Boone, Operator.

Paid 6/18/52

Edwin W. Yount Jr

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 243

Name of Operator L. Rex Boone, (An Individual)
Docket No. DMA 2201 X (Mica)
Total Contract Amount $ 4,000.00
Government Participation: 90% % Amount, $ 3600.00
Distribution of Expenditures for Month of May, 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 13 1952

CERTIFICATION

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.

(Name of Company)

By (Signature of Authorized Official)
(An Individual)

May 31, 1952. (Date)

Operator (Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
(b) Rented[2]	820.00	400.00	1220.00	820.00	400.00	1220.00
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

Post Office Box 293,
Charlotte, N. C.,
May 31, 1952.

The Executive Officer,
DMEA, Field Team, Region VII,
Room 13, Post Office Building,
Knoxville, Tenn.

Dear Sir:

Re: REPORT OF PROGRESS - MAY 1952

DMEA-2201, Idm243 (Mica)

Transmitted herewith is Form MF-104 in Quintuple covering operations for the month of May, 1952 on the above project.

May 12 was spent in locating and expediting equipment to the job site near Shelby, N. C. A Clamshell, which is equal to a dragline in performance and price rental was obtained from Yount-Setzer Associates, Charlotte, and worked a total of 82 continuous hours on the project between May 12 and May 23, 1952. The accompanying Copy of Invoice in the sum of $820.00 is attached hereto, and which has not been paid.

Principal operations involved pitting, with some channeling, at various locations along the North Pegmatite, with the major portion of the operation being carried on at location of Channel 1, Pit #1. Field Examiner, Mr. Wm. Beck, of the Knoxville Office was a visitor to the project site, Monday, May 19.

CHANNEL #1

N-S Cut - 30' L x 15' W x 20' D as now constituted, involved the excavation of approximately 333 C.Y. of earth excavation, along the vein, which vein still continues to be about 25 feet wide at the easternmost point of operation. No rock was encountered in this location, and approximately 100 pounds of flat ruby mica, some excellent quality, was obtained at this location.

E-W Cut - 60' L x 3' W x 8' D, involving the excavation of some 53 C.Y. of material, principally earth with very little rock, along the south side of the pegmatite. This cut was to determine the extension of the mica in a westerly direction which was originally uncovered and reported in April Report. A small quantity of flat Ruby mica was encountered in this cut at various locations, and not more than 25# was recovered.

Pit #1 - The approximate dimensions of this pit are 24'L x 24' W x 30' D, and involved the excavation of some 575 C.Y. of earth and rock, which included the entire width of the dike, and which included a quartz rib of about 4 feet thick, and most of the rock and earth that had caved into the shaft of the old workings. This old shaft was on the North side of the dike, or rather the quartz rib, and excavations was carried down to water level, and on the south side of the vein, approximately 700 pounds of good flat Ruby Mica was obtained. No mica was obtained from, nor was the bottom of the old shaft encountered in this excavation, the principal operation being on the South side of the pegmatite.

CHANNEL #2

Pit #1

The Clamshell was set on this location and a pit 25' L x12' W x 12' D was dug, involving the removal of approximately 150 C.Y. of excavation, which was composed principally of vein material along the dike, and included the quartz rib, which was readily removed without any extra effort by the clamshell. Very little mica was found in this location, however, the best single block of mica yet obtained on the project site was obtained at this location, at a depth of 20 feet, near the center of the dike, and on the ~~north~~ west wall of the channel, This block weighed about 3 pounds and a sample of which was taken by Mr. Beck. Less than 25 pounds of good mica was obtained from this location.

CHANNEL #3

Pit #1

Excavation was carried on at this location on the pegmatite, and approximately 105 C.Y. of material was removed, which consisted approximately one half quartz rib and the other portion the usual vein material. Mica of an inferior quality was encountered most of the way down and no mica of strategic quality was encountered in this pit, and said pit was abandoned.

Pit #2

This pit, located on the South end of Channel #3, approximately 100 feet South of Pit #1, Channel #3, was dug to a depth of 40 feet, with no hard zones being encountered during this pitting operation, the entire shaft being shale or soft mica schist, with intermittent narrow belts of weathered feldspathic material being encountered at various intervals. Lack of a longer cable on the machine prevented deeper excavation. After abandonment, water rose to a depth of about 10 feet, and the walls, being rather soft, began caving at the bottom. Approximately 86 C.Y. of earthen material was removed from this shaft with no sign of mica being encountered.

Invoice of Sain & Sain, Rt. 1, Belwood, N. C., in the sum of $330.00 and reported with the April Report was paid May 16, after my having received reimbursement for the April Invoice.

At the direction of Mr. Wm. Beck, this report is routed through the office of Mr. L. P. Marshall, Field Engineer, U. S. Bureau of Mines, Raleigh, N. C., for his observation and expedition.

Respectfully submitted,

L. Rex Boone, (An Individual)
Operator.

Encl. Invoice, unpaid, of Yount-Setzer Associates,
Invoice, Paid, of Sain & Sain, Inc.

COPY

INVOICE

YOUNT-SETZER ASSOCIATES, INC.

MACHINE RENTALS

1908 DILWORTH RD. W. ☆ PHONE 4-3650

CHARLOTTE, N. C.

Spalv

IN ACCOUNT WITH

L. Rex Boone
P. O. Box 293
Charlotte,
North Carolina

Contract Idm. - E - 243 Work done by ½ yd. Clamshell near Shelby, N.C. from 5/13 to 5/23 inclusive.....@82hrs.	10	00	820 00 ~~820 00~~

Please mail check to:

1908 Dilworth Rd., W.
Charlotte,
North Carolina

Copy

Approved:

Operator.

DUPLICATE INVOICE

Route#1,
Belwood, N. C.
April 30, 1952.

To: L. Rex Boone,
P.O. Box 293, Charlotte, N. C.

For work done at Cliff Blanton Mica Mine, Rt. 5, Shelby, N. C., as follows:

April 28, 1952,	Bulldozer,	6.0 Hours	at	$ 12.00	$ 72.00
April 29, 1952	"	11.5 Hours	"	"	138.00
April 30, 1952	"	10.0 Hours	"	"	120.00
Total - - - - -		27.5 "	"	"	$ 330.00

I hereby certify that the above is true and correct and that Payment therefor has not been received.

SAIN & SAIN, INC.,
RT. 1, BELWOOD, N. C.

BY _____

Approved as being correct, 5/1/52.

L. Rex Boone,
Operator.

Paid after
[illegible]

OTHER EXPENSE

Advertising (Charlotte Observer, Charlotte, N. C.)	$ 9.22	$ 9.22
Telephone Calls -		
Calles charged to Charlotte #3-3841, Apr. Bill	3.75	
" " " " " May Bill	6.40	
3/25, Call to Mr. Wm. Beck, Knoxville, Tenn.	.95	
3/25, Call to MEX Col. Harrison, Charlotte, N.C.	.80	
4/29, Call to Mr. Wm. Beck, Knoxville, Tenn.	.95	
5/8 , Call to Mr. Wm. Beck, Knoxville, Tenn.	.95	
(All Calls pertained to Job progress or Job status)	$ 13.80	13.80
Total OTHER, Expense		$ 23.02

SUPPLIES

Sacks (Clyde Blanton, Rt. 5, Shelby, N. C., No receipt)	$ 2.50	
(25 Sacks @ 10¢ each)		
Total Supplies	$ 2.50	$ 2.50

I Hereby Certify that the above is true and correct.

May 31, 1952.

L. Rex Boone, (An Individual)
Operator.

COPY

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]						
5. Supervision	200.00	100.00	300.00	200.00	100.00	300.00
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other	2.50	-	2.50	2.50		2.50
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Telephone Exp.	13.80	-	13.80	13.80		13.80
Advertising	9.22	-	9.22	9.22		9.22
Total	1045.52	500.00	1545.52	1045.52	500.00	1545.52
Deletions						
Adjusted totals						
Totals previously reported	368.00	132.00	500.00			
Totals to date	1045.52	500.00	1545.52			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by L. D. Marshall
Entered by V. J. Lynch
Approved by Thos. A. Beck
Amount approved for payment $940.97
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF May 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching	40.00	160.00			200.00	C.Y.	386	1490	1876	
Sampling and assaying										
Roads and trails										
Test pits	160.00	660.00			820.00	C.Y.	1042		1042	
Other (specify) Misc. (Sacks)			2.50		2.50					
Adv. & Telephone				23.02	23.02					
Totals	200.00	820.00	2.50	23.02	1045.52	C.Y.	1428	1490	2918	

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

MF-104
(August 1951)

2nd Copy

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 243

Name of Operator L. Rex Boone,
Docket No. DMA 2201X (Mica)
Total Contract Amount $ 4000.00
Government Participation: 90 % Amount, $ 3600.00
Distribution of Expenditures for Month of April 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 12 1952

CERTIFICATION

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.

(Name of Company)

By (Signature of Authorized Official)
L. Rex Boone, (An Individual)

May 3, 1952.
(Date)

Operator.
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities	0	0	0			
(b) Buildings	0	0	0			
(c) Fixtures	0	0	0			
2. Operating Equipment:						
(a) Purchased[1]	0	0	0			
(b) Rented[2]						
4/28-29-30/52	330.00	70.00	400.00	330.00	70.00	400.00
(c) Furnished by operator	0	0	0			
3. Rehabilitation and Repairs:						
(a) Facilities	0	0	0			
(b) Buildings	0	0	0			
(c) Installations	0	0	0			

2nd Copy

Post Office Box 293,
Charlotte, N. C.,
May 3, 1952.

The Executive Officer, DMEA,
Field Team, Region VII,
Room 13, Post Office Building,
Knoxville, Tenn.

Dear Sir:

Re: REPORT OF PROGRESS - APRIL 1952

DMEA-2201, Idm243 (Mica)

Transmitted herewith is Form MF-104 in Quadruplicate covering operations for the month of April, 1952 on the above project.

The operator was present on the job April 28, 29, and 30, after several inspections on and around the property, and was successful in obtaining the services of a large Bulldozer (TD-18), which worked 6.0 hours on April 28, 11.5 hours on April 29, and 10.0 hours on April 30, for a total of 27.5 hours, and for a total sum of $330.00 as shown by accompanying invoice of Sain & Sain, Inc., Rt. 1, Belwood, N.C., which has not been paid.

For convenience in reporting, the separate channels on this project are designated thusly: Channel #1, the most Easterly of the three channels; Channel #2, the central channel, which is located approximately 100 feet due West of Channel #1; and Channel #3, which is located approximately 100 feet West of Channel #2.

CHANNEL #1.

Approximately 11.5 hours were spent at this location in excavating 425 plus or minus, C.Y., principally earth, with very little rock being encountered. Excavation was carried out both across and parallel to the vein or pegmatite, which is approximately 25 feet wide at point of operation. Excavation was made normal to the strike due to an excellent pocket of strategic mica being recovered near the surface in the South end of Channel #1. Approximately 300 pounds of mine-run block mica were recovered. Further exploration of the pegmatite at this point is contemplated as soon as convenient. Approximate dimensions of this channel are: E-W cut, 85'L x 15'W x 8'D, and the N-S cut, 20'L x 20'W x 8'D.

CHANNEL #2.

Approximately 12.0 hours were spent at this location, and a total of 720 plus or minus C.Y. of earth and rock were removed. A quartz rib, about 5' thick was encountered in Channel #2, but was removed to the required depth with the Bulldozer, the quartz being quite seamy and broke readily and was easily removed. The dike as encountered in the bottom of Channel #2, is about 30' in width and is bounded on the North side by a mica schist and slate of undetermined proportions. Approximately 400# of mine-run mica was recovered from operations in Channel #2, but quality of the material recovered was quite inferior to that of the mica recovered in Channel #1. Approximate dimensions of this channel are 185'L x 13'W x 8' av. D., being 15' deep at the deepest point.

CHANNEL #3.

About 4.0 hours were spent in this channel, resulting in the removal of about 345 plus or minus, C.Y. earth and rock. The pegmatite at the bottom of this channel is, as previously reported, about 30 feet from slate to slate, at a depth of 12 feet below surface. A considerable quartz rib was encountered in the dike, and in the bottom of the cut, very little further excavation can be carried out until the rock is blasted so that it can be removed. The quartz is about 20 feet thick on the East side of the cut, whereas on the West wall, the thickness diminishes to about 4 feet. Width of the channel is about 13 feet. Approximately 200 pounds of mine-run block mica was recovered from this channel, which was inferior to that recovered in either Channel #1 or Channel #2. This mica consisted principally of "Chubby A", with a small quantity of good quality flat Ruby mica being recovered in the extreme North side of the Pegmatite, and against the slate. Approximate dimensions of this channel are 120'L x 13' W x an Av. Depth of 6', greatest depth being about 12 feet at center of pegmatite.

Item 5, Form MF-104 involves only time of the operator. No Monies.
As directed in your letter of April 22, 1952, the sum of $22.00 has been deleted from April's Report.

Respectfully Submitted,

L. Rex Boone,(An Individual)
Operator.

b/b
Encl's: Form MF-104 in quadruplicate.
Invoice, Sain & Sain, Inc., $330.00.

INVOICE

Route #1,
Belwood, N. C.
April 30, 1952.

To: L. Rex Boone,
P.O. Box 293, Charlotte, N. C.

For work done at Cliff Blanton Mica Mine, Rt. 5, Shelby, N. C. as follows:

April 28, 1952,	Bulldozer,	6.0 Hours	at $ 12.00		$ 72.00
April 29, 1952,	"	11.5 Hours	"	"	138.00
April 30, 1952,	"	10.0 Hours	"	"	120.00
Total - - - - - -		27.5 "	"	"	$ 330.00

I hereby Certify that the above is true and correct and that Payment therefor has not been received.

SAIN & SAIN, INC.,
RT. 1, BELWOOD, N. C.

By: [illegible]

Approved as being correct, 5/1/52.

L. Rex Boone,
Operator.

COPY

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures	0	0	0			
4. Labor[3]	0	0	0			
5. Supervision 60.00	60.00	40.00	100.00	60.00	40.00	100.00
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other						
7. Power						
8. Transportation	0	7.00	7.00		7.00	7.00
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify) 0	~~15.00~~	15.00	15.00		15.00	15.00
Total	390.00	132.00	522.00	390.00	132.00	522.00
Deletions	22.00		22.00	22.00		22.00
Adjusted totals	368.00	132.00	500.00	368.00		500.00
Totals previously reported						
Totals to date	368.00	132.00	500.00			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by W. A. Beck
Entered by W. A. Beck
Approved by W. A. Beck
Amount approved for payment $331.20
Remarks A deletion of $22.00 was made because Washington disallowed items 8 and 11 in the March report.

WAB

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF April 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching	60.00	330.00			390.00	C.Y.	1340	150	1490	
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	60.00	330.00			390.00	C.Y.	1340	150	1490	

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

3rd Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 243

Name of Operator L. Rex Boone (An Individual)
Docket No. DMA 2201
Total Contract Amount $ 4,000.00
Government Participation: 90 % Amount, $ 3600.00
Distribution of Expenditures for Month of March, 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

APR 2 1952

CERTIFICATION

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.

(Name of Company)

By (Signature of Authorized Official)
L. Rex Boone

4/12/52
(Date)

An Individual.
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities	0	0	0			
(b) Buildings	0	0	0			
(c) Fixtures	0	0	0			
2. Operating Equipment:						
(a) Purchased[1]	0	0	0			
(b) Rented[2]						
Bulldozer, 3/26/52	70.00	0	70.00			
(c) Furnished by operator	0	0	0			
3. Rehabilitation and Repairs:						
(a) Facilities	0	0	0			
(b) Buildings	0	0	0			
(c) Installations	0	0	0			

EXACT COPY OF ORIGINAL

March 26, 1952.

Received of L. Rex Boone, P.O. Box 293, Charlotte, N. C., the sum of Seventy ($70.00) Dollars for payment in full for Bulldozer work this date done at Cliff Blanton Mine, Shelby, N. C., Route 5, DMEA-2201, Contract #Idm-E243.

/s/ Laurel E. Hoyle
Laurel E. Hoyle,
Rt. 1, Lawndale, N. C.

COPY

March 31, 1952

Receipt

Received of L. Rex Boone an Individual, the Sum of $15.00 for timber destroyed or removed during Mining operations at the Cliff Blanton Mica Mine during March 1952

DMEA-2201, Contract IdM-E243

Cliff C. Blanton,
Property owner & lessor

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures	0	0	0			
4. Labor [3]						
5. Supervision 3/26-27/52	40.00	0	40.00			
6. Supplies						
(a) Timber	0	0	0			
(b) Explosives	0	0	0			
(c) Repair Parts	0	0	0			
(d) Other	0	0	0			
7. Power	0	0	0			
8. Transportation	7.00	0	7.00			
9. Insurance						
(a) Fire	0	0	0			
(b) Public Liability	0	0	0			
(c) Workmen's Compensation	0	0	0			
10. Contract Work	0	0	0			
11. Other (specify)						
Timber removed, project site	15.00	0	15.00			
Total	$132.00	0	$132.00			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date	$132.00	0	$132.00			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by Robert A. Lawrence
Entered by Robert A. Lawrence
Approved by Robert A. Lawrence
Amount approved for payment $118.80
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF March, 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching	40.00	70.00	0	22.00	132.00	C.F.	150 ±	0	150 ±	
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	40.00	70.00	0	22.00	132.00	CF	150 ±		150 ±	

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Post Office Box 293,
Charlotte, N. C.,
April 12, 1952.

The Executive Officer,
DMEA, Region VII,
Room 13, Post Office Building,
Knoxville, Tenn.

REPORT OF PROGRESS

C O P Y

Dear Sir: Re: DMEA-2201, Idm-E243.

Transmitted herewith is Form MF-104 in Quadruplicate covering operations for the month of March, 1952 on the above contract.

1. The Operator was present on the job March 21 and 22 trimming roadway into project site and marking trees to be removed and laying off approximate location of channels or trenches to be excavated.

2. March 25 was spent in securing services of a Bulldozer to start the job. Bulldozer was spotted on job site at 5:00 P.M., 3/25/52, ready to start work 3/26, and begun work at 7:30 A.M. that date. Operations were continuous until 5:30 P.M. that date, making 10 hours operation for a total sum of $70.00 equipment rental. Leveling and clearing was done on the central channel location first, removing an estimated 50 C.Y. of dirt and rock, principally loose-fill. Then the Bulldozer was moved to the trench location on the west end of the proposed project and approximately 7 hours were spent on that location excavating a channel 100 feet long, 10 feet wide, and an average depth of 3 feet, being 6 feet below surface on the Pegmatite and tapering out to zero at surface 50 feet either north or south of the dike. The Pegmatite in this location is approximately 30 feet from the north slate to the south slate, and during the course of operations on March 26, approximately 350 pounds of mine-run mica was picked up behind the Bulldozer. It is estimated that fully that quantity was pushed out in the dump as the machine would take a cut in either direction across the vein. On March 27 the Operator further prospected the pegmatite with the recovery of about 100 pounds of mine-run block mica on March 27. The mica recovered was processed the following week, and approximately 2% Strategic material was recovered from the lot. However, upon examination of the punch, washer, and scrap material that was left, it is the opinion of the operator that an additional 2% to 3% can be recovered, inasmuch as the rifters were not adequately equipped to trim small material such as was the majority of the material recovered. Some blocks of flat "A" weighing as much as 10 pounds were recovered during this operation. Both flat, and "A" micas appear on each side, or north and south of the quartz rib of this dike.

3. Under Item 5, Page 3, Form MF-104, no monies are involved, only time of the Operator.

4. Under Item 8, Page 3, Form MF-104, was to reimburse Operator for use of personal car operated 100 miles @ $ 0.07¢ per mile.

5. Item 11 is for timber pushed down to get it out of the clearing operations. This is not final for this item.

6. Is Operator's expense, that is a "per diem in lieu of expenses" chargable to this job?

7. The operator plans to re-activate operations about April 21 if possible, and carry to completion without further interruption.

COPY

b/b

Respectfully submitted,

L. Rex Boone, An Individual,
Operator.

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2201

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION PROJECT

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

	Code 370		
To:	Indus.Minls.Br.	Date	10/31/51
To:	J.A. Barr Jr	Date	
To:		Date	/
To:	P.E.Div.-	Date	11/19/51
To:	Ogr Com	Date	7-31-53
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

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

Project Summary Report

By: James Hopkins January 31, 1955

1. Docket No. DMEA-2201 - Mica
Contract No. Idm-E243
Cliff Blanton Mine
Cleveland County, North Carolina

Operator: L. Rex Boone
P. O. Box 293
Charlotte, North Carolina

Application: Form MF-103 received October 29, 1951.
Work proposed: Cut 2 trenches 200' x 10' x 15' deep, cut 1 trench 100' x 10' x 15' deep, excavate 7 test pits 5' x 5' - 20 feet deep, excavate 3 test pits 5' x 5' - 35 feet deep.
Total cost of project $4,000.00

Operator's property rights: Lease dated July 25, 1951.
Landlord's Subordination Agreement dated October 23, 1951.

2. Contract: Form MF-200 dated January 25, 1952

Work authorized:

Same as originally proposed.

Amendments:
No. 1, dated February 8, 1952, extended starting and completion dates 30 days.
No. 2, dated May 20, 1952, extended completion period from 120 days to 210 days - a total of 90 days.

Work completed:

Trench 1: 20 feet by 10 feet by 8 feet deep.
Opencut: 75 feet by 20 feet by 10-30 feet deep.
Trench 2: 185 feet by 13 feet by 8-15 feet deep.
Pit in trench 12 feet deep.
Trench 3: 120 feet by 13 feet by 12 feet deep on pegmatite. Test pit in trench 40 feet deep.
Total cost of project $2,563.22
Government participation @ 90% $2,306.90

Work began on March 21, 1952, and was terminated by agreement on August 1, 1952.
Field Team final report was received October 2, 1952.
Operator's final report was received October 2, 1952.

3. Audit: Report of Review dated November 13, 1952.

Total cost of project	$2,563.22
Government participation	$2,306.90

4. Certification of Discovery - none issued.

5. Comments:

The project was conducted in a very efficient and workmanlike manner.

The operation was very good.

Geological premise: This project was authorized to explore a pegmatite that had shown promise through limited surface work of yielding strategic mica at greater depth. This premise did not hold true as the quality of mica found during the work became increasingly inferior in depth and less abundant.

Geological criteria upon which work was based:
Two pegmatite bodies 240 feet apart enclosed in schist composed of muscovite and quartz with small quantities of weathered biotite and kaolinized feldspar had been explored by shallow cuts and yielded small quantities of strategic mica. The north pegmatite body explored by this project was 3 to 15 feet wide and at least 360 feet long.

Criteria developed during the project:
The pegmatite is in excess of 260 feet in length and has a varying width of 10 to 30 feet. It is composed of a medial core of massive white quartz with feldspathic pegmatite on both sides which is poorly zoned. Mica approximating two tons was recovered from the wall portion of the pegmatite. This production included scrap and block material and represented 0.2 percent of material moved. Royalty was offered but not accepted by Government.

Future possibilities are not considered to be good and no further exploration is recommended.

Recommendations: The Nonmetallic Minerals Division concurs with the field team's recommendation that certification of discovery or development should not be issued and additional exploratory work is not justified. The Geological Survey and the Bureau of Mines are in agreement.

☑ Audited P.P. 11-13-52

WORK ANALYSIS SHEET – DMEA PROJECT

☑ Actual Cost

☐ Certified

Analysis as of 12-3-54
Incl. Voucher for July 1952

☐ Agreed Unit Costs

Name L. Rex Boone

Docket No. 2201

State N.C.

Commodity Mica

Idm-E No. 243

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting					
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation		$4,000.00		$2,563.22	$2,563.22
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		$4,000.00		$2,563.22	$2,563.22

Prepared by Walter C. Anderson

OM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG - 7 1953

August 5, 1953

Mr. L. Rex Boone
P. O. Box 293
Charlotte, North Carolina

Re: DMEA-2201, Idm-E 243 (Mica)
Cliff Blanton Mine

Dear Mr. Boone:

We have been advised by our Washington office that your proposal for exploration of the south pegmatite at the Cliff Blanton property is to be treated as a separate project, subject to verification of your ownership.

Therefore, there is no obligation on your part to pay royalties to the Government on production from the north pegmatite which was explored under the subject contract.

I am, therefore, returning to you the cashier's check for $61.72 which you sent us on June 16, 1953.

Very truly yours,

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

Enclosure

RAL/mg
cc - Operating Committee
Beck
Files
Lynch

FILE COPY
SURNAME: 917

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

600

AUG 3 1953

Houk
Hollins
Selfridge
Mathews

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

Subject: Docket No. DMEA-2201
L. Rex Boone
Cliff Blanton Mica Mine
Cleveland County, North Carolina
Contract No. Idm-E243

Dear Mr. Laurence:

Reference is made to the cashier's check for $61.72 from the sale of mica from the north pegmatite of the Cliff Blanton property.

Since this contract was terminated by mutual agreement on August 1, 1952, without a certification of discovery being made, and the annex to Article 6 was not added, the operator is under no obligation to pay royalty on production.

Mr. L. Rex Boone visited this office on July 27, 1953, and indicated he will purchase the south pegmatite from Mr. Cliff Blanton. When the sale is consummated and a copy of the deed is received in this office, a new contract will be forwarded to you for execution subject, of course, to the Operating Committee's approval. The check for $61.72 royalty from the sale of mica from the north pegmatite should be returned to Mr. L. Rex Boone.

Sincerely yours,

George C. Selfridge
257
Chairman, Operating Committee

MDS
8-3-53

Approved:

J. H. Hedges
257
Member, Bureau of Mines

A. R. Kinkel, Jr.
257
Member, Geological Survey

LGHouk:gad 7/28/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

FILE COPY
SURNAME:

Houk

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

AUG 3 1953

Mr. L. Rex Boone
P. O. Box 293
Charlotte, North Carolina

Re: Docket No. DMEA-2201 - Mica
Cliff Blanton Mica Mine
Cleveland County, North Carolina
Contract No. Idm-E243

Dear Mr. Boone:

Reference is made to your application for exploration assistance on the south pegmatite.

When you have established a sufficient interest in the land as owner, lessee or otherwise, for the purposes of an exploration project contract, this office will be pleased to receive a certified copy of the conveyance.

There will be no carry-over of funds expended on the north pegmatite, if a new contract is approved.

Sincerely yours,

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

LGHouk:gad 7/28/53

MDL
8-3-53

Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

600

July 9, 1953

Memorandum

To: Mr. Robert E. Adams

From: Lawrence C. Houk

Subject: ~~Denial~~ Withdrawal of Docket No. DMEA-3081 - Mica, L. Rex Boone.

The subject application DMEA-3081 has been ~~denied~~ withdrawn as this application is to be processed as an amendment to DMEA-2201, Mn-8243.

Please incorporate all of the data into Docket No. DMEA-2201.

LGHouk:gad 7/9/53

Copy to: Admr. R. File
Docket File
Mr. Houk

140

FILE COPY
SURNAME:

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

Hook
Atkins
Parkin

JUL 8 1953

Mr. L. Rex Boone
Post Office Box 293
Charlotte, N. C.

Re: Docket No. DMEA-3081 (Mica)
Cliff Blanton Mica Mine
Cleveland County, North Carolina

Dear Mr. Boone:

Reference is made to your letter to me dated June 22, 1953, in which you propound five questions which I shall attempt to answer in turn.

1. A 10-year lease is ordinarily required so that there will be sufficient time to repay from production the amount of royalties due the Government. In mica cases, this requirement is sometimes relaxed because ordinarily mica production will be completed in a shorter period of time.

2. Even though the owner of property may subordinate his interest therein to the Government's rights under the contract, a lease is necessary to enable the Operator to go on the property and do the exploration work called for by the contract.

3. a & b. The original contract with you, Docket No. DMEA-2201, was terminated without any discovery having been made. However, the Government proposes now to withdraw the Termination Agreement and to amend the original contract by allowing additional work to be performed on the south pegmatite. Thus the Amended Contract will eliminate the necessity of considering your present application bearing Docket No. DMEA-3081.

3c. In order for the contract to be amended as above indicated, a new Owner's Consent to Lien will have to be signed because more money is being expended on the exploration project.

R.C.G.
7-8-53

4. If a new Owner's Consent to Lien is obtained for the area covering both the north and the south pegmatites, then any purchaser, of any part of the property, with notice would take the property subject to the full lien.

5. In the event a Certificate of Discovery is issued, the Government's lien would cover the entire tract, and each area (pegmatite) would be subject to the full amount of the lien.

The proposed Amended Contract will shortly be forwarded to Mr. Laurence, Executive Officer, DMEA Field Team, Region VII, and when it is signed, the $61.72 check received from you will be credited to your account.

Your present lease of the property apparently expired on July 25, 1952, almost a year ago. Consequently, it will be necessary for you to have this lease renewed for a period of at least five years.

I trust that I have fully answered all your questions. If there is anything further which you would like to have explained, this office will be glad to do what it can to clarify the situation.

Sincerely yours,

C. O. Mittendorf

Administrator

AEKane/ema/7-6-53
cc: Mails & Files
Adm. R. File
Op. Comm.
Field Team (2)
L. G. Houk
J. L. Hofflund
A. E. Kane
Chron.
Pending
C. O. Mittendorf

MI-300

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 7/1/53

REFERRED TO:

1. Mr. Hofflund
2. Mr. Chambers
3. Mr. Johnson
4. Mr. Houk

FOR:

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

RECEIVED
JUL - 1 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

REMARKS:

For your review.

Check (X) before the items needing attention.

L. G. Houk
Initials of sender.

GPO 16—63815-1

ROUGH DRAFT

July 1, 1953

Mr. L. Rex Boone
Post Office Box 293
Charlotte, North Carolina

Re: Docket No. DMEA-2201 - Mica
Cliff Blanton Mine
Cleveland County, North Carolina
Contract No. Idm-E243

Dear Mr. Boone:

Reference is made to the cashier's check payable to the United States of America for $61.72 which represents 5% of the sale of $1,234.39 worth of mica from the North Pegmatite of the Cliff Blanton Property.

Your contract, executed on January 25, 1952, was terminated by mutual agreement on August 1, 1952, without a certification of discovery being made. This relieved you of the obligation to pay royalties on production.

After due consideration, this Administration has decided to rescind the Termination of Contract No. Idm-E243, Docket No. DMEA-2201, and the proposed work application on the South Pegmatite will be processed as a contract amendment to your old contract. If executed, this amendment will be written on the new contract form which provides that any production during the life of the contract is subject to royalty payments whether or not a certification of discovery is made.

Since it is the responsibility of this Administration to protect the Government's interest on money spent for exploration assistance, it is necessary that the new Owner's Consent to Lien to be executed in conjunction with the proposed amendment, and that the liability include the amount already spent under Contract Idm-E243 because the land described in Article 2 of the contract is the same in both cases. The reasoning being that the responsibility

DMEA-4

Monthly Report of DMEA
Field Team

Region_____

Month_____

Exploration Applications

On hand first of month _____

Received from applicants _____

Received from Washington office _____

Transmitted to Washington office _____

On hand at end of month _____

Exploration Contracts

		Total Amount	
	No.	Government	Private
In force first of month			
Projects inspected			
Signed during month			
Terminated			
In force at end of month			

Man Days

	Mines		Survey	
	Prof.	Nonprof.	Prof.	Nonprof.
Applications				
Administration of contracts				
Other				
Totals				

Total Professional _____

Total Nonprofessional _____

Attach list of cases on hand at end of month, indicating status of each. Any other remarks considered appropriate may be made on an attached sheet.

Submit four copies to the Operating Committee by the 5th of the month.

rior—Duplicating Section, Washington, D. C.

10425

for repayment should be for the entire tract and not each pegmatite in the tract.

Please note that if the exploration on the South Pegmatite is unsuccessful there will be no lien created. However, if a successful project is completed on the South Pegmatite, and a certification is made, the Government should receive a return of exploration assistance funds granted in the form of royalty.

Sincerely yours,

Administrator

DMEA-4

Monthly Report of DMEA
Field Team

Region_____

Month_____

Exploration Applications

On hand first of month _____

Received from applicants _____

Received from Washington office _____

Transmitted to Washington office _____

On hand at end of month _____

Exploration Contracts

		Total Amount	
	No.	Government	Private
In force first of month			
Projects inspected			
Signed during month			
Terminated			
In force at end of month			

Man Days

	Mines		Survey	
	Prof.	Nonprof.	Prof.	Nonprof.
Applications				
Administration of contracts				
Other				
Totals				

Total Professional _____

Total Nonprofessional _____

Attach list of cases on hand at end of month, indicating status of each. Any other remarks considered appropriate may be made on an attached sheet.

Submit four copies to the Operating Committee by the 5th of the month.

Interior—Duplicating Section, Washington, D. C.

10425

FILE COPY
SURNAME:

140

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

N.S. in R.R.

July 7, 1953

Memorandum

To: The Administrator
Through: L. G. Houk

From: Chief Counsel

Subject: L. Rex Boone - Docket No. DMEA-2201 (Mica)

There is attached, in satisfactory legal form for execution, an Amended Exploration Project Contract, subject to the following:

1. Attachment of a new Owner's Consent to Lien.

2. Insertion in Article 2 of the date of the new lease of the property subject to exploration.

/S/ AEKane
for J. L. Hofflund
Chief Counsel

Attachments

AEKane/ema
cc: Mails & Files
J. L. Hofflund
A. E. Kane
L. G. Houk
Chron.

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

June 18, 1953

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region 7 - Knoxville, Tenn.

Subject: DMEA-2201, Idm-E243, (mica) Cliff Blanton Mine.
Rex L. Boone, Operator. North Carolina

We have just received a letter from Mr. Boone, enclosing a cashier's check payable to the Treasurer of the United States for $61.72, representing 5% of the sale $1,234.39 worth of mica from the north pegmatite deposit on the Cliff Blanton property.

However, letters dated October 14, 1952 and June 3, 1953 from Mr. Mittendorf to L. Rex Boone state that there is no certification of discovery or development for the north pegmatite. We have recommended approval of an amendment to the contract for exploration at the south pegmatite, which is an entirely separate deposit on the same tract of land.

Please advise whether we should forward this check through the usual channels or return it to Mr. Boone.

Robert A. Laurence
Robert A. Laurence

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
JUN 22 1953

6/16/53

DMEA-2201

The following material was removed from DMEA-2201 and per request of Nonmetallic Minerals Division a new docket number (DMEA-3081) was assigned:

Letter of 12/29/52 to Administrator from L. R. Boone.
Letter of 4/14/53 to Administrator from L. R. Boone.
Letter of 4/28/53 to Region VII from Operating Committee.
Letter of 4/28/53 to L. R. Boone from Nonmetallic Minerals Division.
One copy of report of examination by field team, Region VII, dated 5/29/53.
Memorandum of 6/9/53 to L. G. Houk from D. M. Larrabee, USGS.
Letter of 6/11/53 to Region VII from Operating Committee.

FILE COPY
SURNAME:

Houk
Chamlin
Martin
Boone

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

600

JUN 3 1953

Mr. L. Rex Boone
Post Office Box 293
Charlotte, North Carolina

Re: Docket No. DMEA-2201 - Mica
Cliff Blanton Mine
Cleveland County, North Carolina
Contract No. Idm-1243

Dear Mr. Boone:

Reference is made to your letter of May 21, 1953, on the subject terminated contract and a request that we advise Mr. C. C. Blanton that no lien exists on the north pegmatite.

Since your exploration on the north pegmatite was unsuccessful, it is not our intention to make a certification of discovery or development which would create a lien against the subject property. We are, therefore, closing our books and records with respect to this project. Your attention is called, however, to Article II of the contract which requires the operator to "keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract".

We are enclosing an extra copy of our letter to you for forwarding to Mr. Blanton.

Your letter application for exploration assistance on the south pegmatite, if recommended for approval, will require that you execute a new Owner's Consent to Lien agreement.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

6-3-53

Enclosure

LGHouk:gad 6/2/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

Post Office Box 293,
Charlotte, N. C.,
May 21, 1953.

The Administrator,
Defense Minerals Exploration Administration,
Department of Interior,
Washington, 25, D. C.

Dear Sir:

Subject: Docket No. DMEA-2201-Mica
Cliff Blanton Mine
(North Pegmatite)
Cleveland County, N.C.
Contract No. Idm-E243 (Closed)

Inasmuch as no Certification was made on the above Contract within the period specified in Section 15 of said contract, and as stated in your letter to me under date of October 14, 1952, this is to request that your office dispatch a letter directly to Mr. C. C. Blanton, Route #5, Shelby, N. C., setting out that no lein exists on the "North Pegmatite" of this lease as a result of monies expended in exploring said property for mica, and that as of the date of your letter, no lein exists on any of his property as a result of Subordination Agreement executed by Mr. Blanton in connection with above contract.

I have applied for Exploration funds for the "South Pegmatite" on the lease in question, which has not as yet been acted upon, and which is covered by said Subordination Agreement, but Mr. Blanton is of the opinion that a lein exists on his property for work already performed.

I shall appreciate a copy of your letter to Mr. Blanton for my files in connection with this contract.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 22 1953

Yours very truly,

L. Rex Boone, (An Individual)
Operator.

b/b

IN REPLY REFER TO:

G-MD-CNM

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

October 22, 1952

Mr. Hearne

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2201 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: R. E. Van Alstine, U. S. Geological Survey
Applicant: L. Rex Boone, P. O. Box 293, Charlotte, North Carolina.
Name of property: Cliff Blanton mine.
Location of property: 5 miles NW. of Shelby, Cleveland County, North Carolina.
Date of field team report: September 19, 1952.
Authorship of field team report: K. H. Teague.
Field team's recommendation:

Pegmatite explored is too lean to work profitably for either sheet or scrap mica; hence no certification of discovery is warranted. Contract was terminated by mutual agreement before completion.

Comments: None.
ACTION SUGGESTED:

Follow field team's recommendation.

R. E. Van Alstine

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 22 1952

FILE COPY
SURNAME:

Houk
Chamberlin
Johnson

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

OCT 14 1952

Mr. L. Rex Boone
Post Office Box 293
Charlotte, North Carolina

Subject: Docket No. DMEA-2201 - Mica
Cliff Blanton Mine
(North Pegmatite)
Cleveland County, North Carolina
Contract No. Idm-8243

Dear Mr. Boone:

Reference is made to your letter of October 6, 1952, requesting information on the results of the subject contract on mica exploration at the Cliff Blanton Mine in Cleveland County, North Carolina.

The Defense Minerals Exploration Administration issues certification of discovery or development only when a discovery has been made. However, inasmuch as your contract has been terminated by mutual agreement after commencement but before completion you may assume that no certification of discovery or development will be made. The Washington Office of the Defense Minerals Exploration Administration considers the file on Contract Idm-8243 closed.

Thank you for your interest in the defense program.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

10-14-52

10Houk:gad 10/10/52
Copy to: Adm. R. File
Docket File
Operating Committee (2)
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

Mr Hearne

Post Office Box 293,
Charlotte, N. C.,
October 6, 1952.

Ans

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 7 1952

The Administrator,
Defense Minerals Exploration Administration,
Department of the Interior,
Washington, D. C.

Dear Sir:

Re: DMEA-2201, Idm-E243,
Cliff Blanton Mine (Mica).
(North Pegmatite)

Reference is made to the above project which was completed August 1, 1952.

While I understand your office has the alternative of waiting for a period of six months after project completion before declaring the deposit a significant discovery or no such discovery, and certifying such deposit, I would appreciate your advising as expediently as possible your decision on this project inasmuch as an original application for production loan from RFC is status quo pending the outcome of this decision.

Yours Very Truly,

L. Rex Boone, (An Individual),
Operator.

b/b

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 1952

OPERATOR'S REPORT (FINAL)

DMEA-2201, Idm-E243, CLIFF BLANTON MINE
(mica)

Compiled from Monthly Progress Reports.

Summarizing the entire operation: Recovered approximately 4000 pounds of block mica, approximately 3000 pounds of which were recovered from open cut at eastern end of pegmatite. Recovered approximately 400 pounds from trench 2, and pit in trench, and approximately 600 pounds, principally scrap mica, from Trench 3 and pit in trench.

The extent of the openings are approximately as follows:

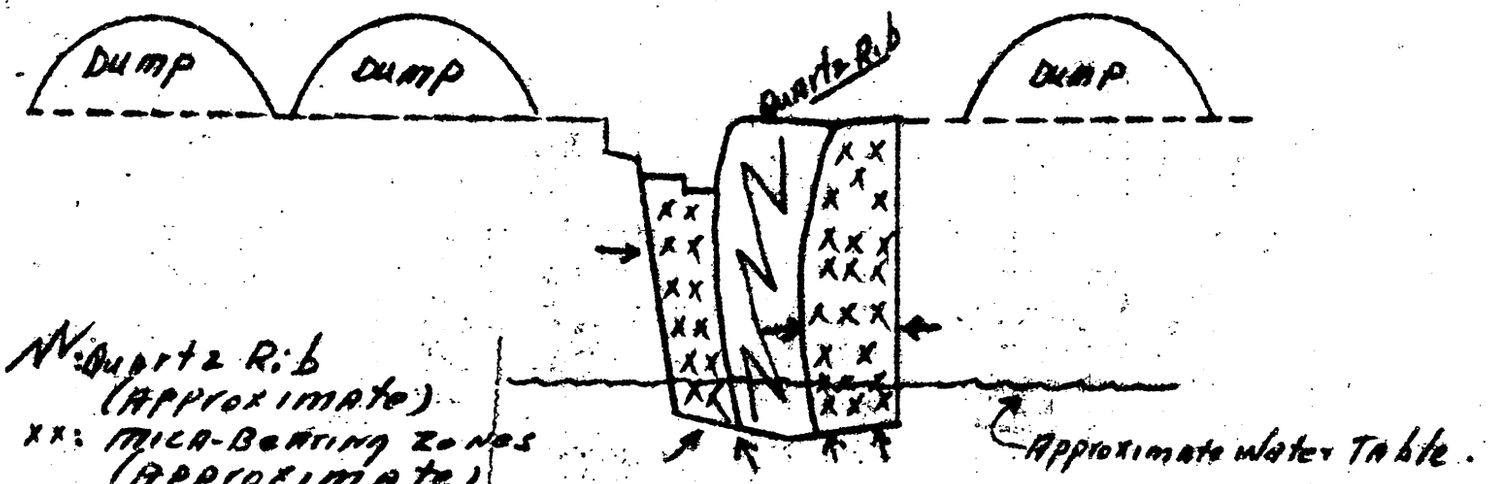
Trench 1: 20 feet long by 10 feet wide, and 8 feet deep.

Cut on East end of pegmatite: 75 feet long by 20 feet wide and 10 -30 feet deep.

Trench 2: 185 feet long by 13 feet wide and 8 to 15 feet deep. Pit in trench 12 feet deep.

Trench 3: 120 feet long by 13 feet wide and 12 feet deep on pegmatite. Test pit in trench 40 feet deep.

Docket: 1701 (x); Contract: Fem-E-243 (MICA)
Profile, Shaft #1, Channel #1, North pegmatite,
Cliff Blanton Mica Mine,
RF5, Shelby, Cleveland County, N.C.
Operator: L. Rex Boone, PO. Box 293, Charlotte, N.C.
Scale: 3/8" = 5 Ft. (Approximate)



N: Quartz Rib (Approximate)
xx: Mica-Bearing Zones (Approximate)

Good mica Recovery – Bottom Appears to be productive entire width and Quart Rib may turn Abruptly NE to Approximate N 60° E.
From Exposed Dike, Shaft 1 & Exposure, Channel 3, Strike is Approximate E-W, For a distance of 200 Ft. East to West.

Exploration Funds Authorized: $ 4000.00

Operators share: 10% $400.00

Expenditures; All: $ 2563.77 which Includes Operators Contribution

Project Completed: [redacted] August 1st, 1952.

Actual Cost To Government: $ 2316.90

[redacted]
(Operator)

Information Contained herein, or on any Reports Furnished under or in connection with Above Contract, is considered property of the Operator and the United States Jointly and their Contents must not be divulged to unauthorized persons.

[redacted]
Operator
Aug. 1, 1952.

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

Room 13, Post Office Building
Knoxville 2, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 1952

Gas
Mr Hearne

September 30, 1952

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region 7

Subject: DMEA-2201, Idm-E243 (mica). L. Rex Boone. Final Report
Cliff Blanton Mine

Enclosed herewith are 4 copies of the final report the the subject exploration project, also 4 copies of Operator's final report and map, and a sample of mica submitted by the Operator.

The Field Team agrees with the conclusion that there is insufficient evidence to justify a certification.

Robert A. Laurence
Robert A. Laurence
Executive Officer, DMEA, Region 7

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

F.T. RPT.

no single copy of map rec'd. in M. & T. - B.L. - 10/3/52
Operator's final report detached in M. & T. - B.L. - 10/3/52

7/22/53

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 1952

FINAL REPORT

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2201, Idm-E243, Mica

CLIFF BLANTON MINE

Operator: L. Rex Boone
P.O. Box 293, Charlotte, N. C.

By

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

Reviewed by
DMEA OPERATING COMMITTEE
10-8-52
(date)

September 19, 1952

FINAL REPORT

CLIFF BLANTON MINE - DMEA-2201

Idm-E 243 - Mica

Operator: L. Rex Boone, P.O. 293
Charlotte, North Carolina

The Cliff Blanton Mine, owned by Cliff Blanton, is located about five miles northwest of Shelby, Cleveland County, North Carolina. The mine is about one-half miles west of N.C. Highway No. 26, on the north side of a county road.

A pegmatite at least 260 feet long and from 10 to 30 feet thick, was exposed by this project. Exploration consisted of cutting 325 feet of trenches across the pegmatite and sinking 4 test pits from 12 to 40 feet deep. Exploration revealed the existance of some scrap mica, and a very small amount of block mica. It does not appear that production from this deposit is economically feasible, and the Field Team recommends that no certification of discovery be made.

This project began on March 21, 1952 and was terminated by agreement on August 1, 1952. The extent of the openings are approximately as follows:

Trench 1: 20 feet long by 10 feet wide, and 8 feet deep.

Cut on East end of pegmatite: 75 feet long by 20 feet wide and 10 - 30 feet deep.

Trench 2: 185 feet long by 13 feet wide and 8 to 15 feet deep. Pit in trench 12 feet deep.

Trench 3: 120 feet long by 13 feet wide and 12 feet deep on pegmatite. Test pit in trench 40 feet deep.

Only the north pegmatite and two side stringers were explored under this contract. The north pegmatite is in excess of 260 feet in length, varying in thickness from 10 to 30 feet. It trends about N. 70° E. dipping vertically. Contacts with the weathered schist wall rock are irregular.

The pegmatite is composed of a medial core of massive white quartz which has an irregular thickness. The core is persistant along the strike for most of the outcrop length of the pegmatite. On both sides of the core, feldspathic pegmatite occurs. The feldspathic portion of

the pegmatite is also poorly zoned. Adjacent to the quartz core, microcline-rich pegmatite occurs, and adjacent to the wall rock oligoclase-quartz pegmatite is present. Most of the mica recovered during this project was obtained from the wall portion of the pegmatite.

Two feldspathic pegmatite stringers, both deeply weathered and containing only scrap mica, were cut by trenches 2 and 3. Test pits were sunk on both exposures, but no worth while mica was recovered.

Approximately two tons of mica, including scrap and block were recovered during the exploration. Of that recovered, one and one-half tons came from Pit 1 at the east end of the cut and represents a recovery of approximately 0.2 percent of material moved.- obviously too lean to work for either sheet or scrap profitably.

The Field Team does not believe that a worthwhile deposit of mica occurs at this place.

The subject contract was for $4000.00, of which the Government's share was $3600.00. A total of $2,563.22 was expended on the project of which $2,306.90 was the Government's share. This leaves a balance of $1,293.10 of Government money that was returned to the revolving fund. No royalty was received from the operation

The Operator conducted the project efficiently and in a competent manner.

No equipment costing in excess of $50.00 was purchased under this contract, thus no salvage value.

September 19, 1952

Kefton H. Teague, USGS

SD

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

Room 13, Post Office Building
Knoxville, Tennessee

August 19, 1952

Mr. Guy L. Chambers, Chief
Contract Administration and
Audit Division, DMEA
Dept. of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2201 (mica)
Idm-E 243. L. Rex Boone

Dear Mr. Chambers:

Reference is made to your letter of August 14, 1952, regarding release of the balance of the allotted funds on the above contract.

As the project has been completed the balance of the allotted funds may be released.

The contract was for $4000.00. The Government's share being 90 percent or $3600.00. A total of $2563.22 was expended on the contract of which $2306.90 was the Governments share. Leaving a balance of $1293.10 of the Governments money that may be returned to the revolving fund.

Very truly yours,

Wm A Beck

Wm. A. Beck, Acting
Executive Officer, DMEA
Field Team, Reg.7

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
AUG 21 1952

SDS
8/21/52

FILE COPY
SURNAME:
800
Chamber

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

AUG 14 1952

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region VII
Room 13
Post Office Building
Knoxville 01, Tennessee

Re: Docket No. DMA-2201
Contract No. Idm-E243
L. Rex Boone

Dear Mr. Laurence:

It appears that the above contractor has completed the exploration work. If so, and if there are no other claims to be presented, we would like to release the balance of the allotted funds. Will you approve such action.

Sincerely yours,

J.N. 8-14-52

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration and
Audit Division

JLChambers/wb
August 14, 1952

Copy to: Mails & Files
Admr. Reading File
Mr. Chambers

FILE COPY
SURNAME:

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

Room 13, Post Office Building
Knoxville 2, Tennessee

August 7, 1952

AUG 11 1952

Mr. L. Rex Boone
Box 293
Charlotte, North Carolina

Re: DMA-2201, Idm-E243
Cliff Blanton Mine (mica)

Dear Mr. Boone:

Your letter of August 4, and the signed copies of form 18262-1, terminating the subject exploration contract as of August 1, 1952 have been received.

The termination was effected because examination indicated that there was little probability of further work resulting in a significant discovery. This does not necessarily imply that there will be no certification based upon the work which was accomplished. If there is to be a certification, it will be issued by the Administrator, within six months.

Your letter, and the report of progress for July, will be acceptable as a final report, but a map showing extent of the work and location and extent of mica(i.e., visual assays) should be provided as designated on the second page of exhibit "A" to the contract.

Very truly yours,

Robert A. Laurence
Executive Officer, DMA
Field Team, Region 7

RAL/xm
cc:
Beck
Lynch
Opr. Com.
Files

RECEIVED
AUG 13 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

INTERIM REPORT

IMEA-2201K, Idm-E243 (mica)

CLIFF BLANTON MINE
Cleveland County, N.C.

L. Rex Boone, Applicant
P.O. Box 293, Charlotte, N.C.

This property was visited on July 30, 1952 by the undersigned. There was no work going on at the time and there was no one on the property. The Operator had called the field team on July 22, and reported what had been accomplished. From the telephone conversation and by previous visits to the property by the Field Team, theOperator was advised to discontinue operations. Form 18262-1 sent to Operator 1, 1952.

The three trenches recommended in the contract and pits in each trench have been dug. Much scrap mica has been exposed but very little sheet was found. The Operator has considerable hand cobbed mica on hand but the percentage is small in relation to the amount of material that had to be moved to obtain it.

Wm. A Beck

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

Aug. 1, 1952

AUG 4 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
SOUTHEASTERN REGION
REGION VII

OFFICE OF
REGIONAL DIRECTOR

P. O. BOX 217
NORRIS, TENNESSEE

July 23, 1952

Memorandum

To: Mr. Jay L. Chambers, Defense Minerals Exploration Administration, U. S. Department of Interior, Washington, D. C.

From: Administrative Officer, Region VII, Norris, Tennessee

Subject: Documents - Contract Idm-E-243, L. Rex Boone

We are enclosing documents (in duplicate) to be attached to the June Progress report covering the following contract:

Idm-E-243, Docket No. DMEA-2201X, L. Rex Boone

Helen Miller
Helen R. Miller

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 28 1952

June 11, 1952

Memorandum

To: Mr. Jay L. Chambers, DEEA, Chief, Contract Administration and Audit Division, Washington, D. C.

From: Administrative Officer, Region VII, Morris, Tennessee

Subject: Progress Reports

We are enclosing two copies each of the following progress reports:

L. Rex Doone, Idm-8-243, Docket No. 2201X: Third voucher submitted covering expenditures for the month of May, 1952

Walter S. Flynt & Caleb J. Keller, Idm-8-238, Docket No. 234: First voucher - submitted covering expenditures for the month of May 1952

Helen R. Miller

Enclosures

CC: Region Files
Day Files
R. A. Laurence
W. A. Bock

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D. C.~~

Room 13, Post Office Building
Knoxville, Tennessee

May 26, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAY 28 1952

Memorandum

To: Operating Committee, DMEA

From: Field Team, DMEA Region VII

Subject: Amendment to Contract Docket No. DMEA-2201, Idm-E243(mica)
Amendment No. 2. L. Rex Boone

Attached are the original and three copies of the above subject contract amendment. One copy was retained by this office and one by the operator.

Robert A. Laurence

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

SLS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
SOUTHEASTERN REGION
REGION VII

OFFICE OF
REGIONAL DIRECTOR

P. O. BOX 217
NORRIS, TENNESSEE

May 9, 1952

Mr. C. O. Mittendorf
Defense Minerals Exploration
Administration
U. S. Department of Interior
Interior Building
Washington 25, D. C.

Dear Mr. Mittendorf:

We are enclosing two copies each of the following progress reports:

Contract Idm-E-243, Docket No. 2201, L. Rex Boone Expenditures for the Month of April 1952 - Clearing started 3/21/52 and 3/22/52. Bulldozer located on job 3/25/52, and actual excavation began on 3/26/52. (Second payment)

Contract Idm-E-234, Docket No. 2121, Georgia-Carolina Mica Mining Company, Inc., Expenditures for the month of March and April. (Second payment). Will advise later actual starting date.

Sincerely yours,

Helen R. Miller

HRM:AC:hbm
CC: Mr. F. A. Johnson
Mr. [illegible] Dock
Mr. H. A. Lawrence
Day files
Region files

FILE COPY
SURNAME:

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

Sol Houk Chamber

APR 28 1952

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region VII
Room 13, Post Office Building
Knoxville 01, Tennessee

Subject: Docket No. DMEA-2201 - Mica
Cliff Blanton Mica Mine
Cleveland County, North Carolina
Contract No. Idm-E243
Total Amount of contract $4,000

Dear Mr. Laurence:

Reference is made to your March 1952 Monthly Progress Report and the Operator's Monthly March Progress Report. Under item 8, page 3, form MP-103, reimbursement for use of personal car operated 100 miles at 7¢ per mile. This item cannot be allowed because there is no provision in the contract for the payment for the use of a personal car.

Under item number 11 the $15.00 paid to Cliff Blanton, Property Owner and Lessor, by Mr. L. Rex Boone, Operator, for timber destroyed or removed during mining operations. This item is not allowable.

In answer to the Operator's question "Is Operator's expense that is a per diem in lieu of expense chargeable to this job" the answer is no.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

F.N. 4-28-52

LGHouk:mp 4/22/52
cc: Docket File
Operating Committee (2)
Adm. Reading File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

Approved:

J. H. Hedges
Member, Bureau of Mines

Dm. Lemmon
Member, Geological Survey

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
Room 13 Post Office Building
Knoxville 2, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 1 3 1952

February 11, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee

From: Executive Officer, DMEA Region VII

Subject: Contract Amendment DMEA-2201, Idm-E-243, L. Rex Boone

Enclosed are original and three copies of signed contract amendment on subject contract. One copy was retained by Mr. Boone, and one by this office.

Robert A. Laurence

Robert A. Laurence

Enclosures 4

OFFICE OF THE ADMINISTRATOR

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

Room 1, Post Office Building
Knoxville, Tennessee

February 6, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee

From: Acting Executive Officer, DMEA Region VII

Subject: Contract DMEA-2201, Idm-E243. L. Rex Boone

Enclosed are original and three copies of subject contract, signed by Mr. Boone. One copy was retained by Mr. Boone and one by this office.

An extension of starting time has been requested by the Operator, an amendment to this effect has been drawn and is being mailed for his signature.

Wm. A. Beck

Wm. A. Beck

FEB 8 8 53 PM '52

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

Division Copy

Post Office Box 293,
Charlotte, N. C.,
February 4, 1952.

O/K

RECEIVED
FEB 8 - 1952
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

Mr. Robert A. Laurence,
Executive Officer, DMEA, Region VII,
Room 13, Post Office Building,
Knoxville, Tenn.

Dear Mr. Laurence:

Re: DMEA-2201
Contract Idm-E243.

I am attaching hereto executed copies of the above contract.

As set forth in your letter of February 1, 1952 with which I received the contract, I should like to suggest one change, if satisfactory, and that is that the date of the contract be changed from January 25 to February 4, 1952. The purpose of this is that it will give me an additional 10 days in which to make preparation to begin work on the project.

Otherwise, the terms of the contract are as anticipated.

Yours very truly,

L. Rex Boone, (An Individual)
Operator.

b/b
Encl's. Original and 4 copies of contract.

FILE COPY
SURNAME:

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

JAN 28 1952

Mr. Robert A. Laurence
Executive Officer, Region VII
DMEA Field Team
Room 13
Post Office Building
Knoxville 01, Tennessee

Re: Docket No. DMEA-2201 (Mica)
L. Rex Boone
Cleveland County, North Carolina

Dear Mr. Laurence:

Please find herewith the original and five copies of a contract covering the subject exploration project which have been signed by this office for the Government with register number and effective date as shown.

If the contract meets with your approval, present it to the Operator for his approval and signature. If any provisions are unsatisfactory to the Operator, return all copies to this office along with suggested changes for consideration.

After signing of the contract, one copy is to be given to the Operator, one copy retained for your files, and the remaining copies, including the original, are to be returned to this office as soon as possible.

A copy of the contract required by the Regional Finance Office will be forwarded directly by the Washington Finance Section.

Sincerely yours, 1-25-52

(Signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures 6

Approved:

/s/ J. H. Hedges
Member, Bureau of Mines

/s/ T. P. Thayer
Member, Geological Survey

LGHouk:gad
1/23/52
Copy to: Admin. Reading File
Docket
Mr. Houk
Mr. W. F. Dietrich, 3526
Mr. J. J. Norton, Rm. G-228 GSA Bldg.

IN REPLY REFER TO:
G-MD-JJN

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

December 26, 1951

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMA 1895X

To: Non-Metallic Minerals Division, DMEA
From: J. J. Norton, U. S. G.S.
Commodity: Mica
Applicant: L. Rex Boone
Name of property: Cliff Blanton
Location of property: Cleveland County, N. C.
Field team's recommendation: Exploration by 3 trenches and 9 pits

Comments: None

ACTION SUGGESTED: Follow field team's recommendations.

Copy to: Director's Reading, 4212
Branch, 4208
DMEA

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Room 13, Post Office Building
Knoxville, Tennessee

December 1951

Mr. L. G. Houk
Acting Chief, Non-Metallics Div.
DMEA
Washington 25, D. C.

Re: DMA-2201X, L. Rex Boone

Dear Mr. Houk:

Enclosed herewith are 4 copies of a map showing the north pegmatite at the Cliff Blanton Mine, and the proposed trenches.

Very truly yours,

Robert A. Laurence

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 17 1951

OFFICE OF THE ADMINISTRATOR

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 26 1951
Defense Minerals Administration,
Production Expansion Division,

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D. C.~~
Room 13, Post Office Building
Knoxville, Tennessee

November 5, 1951

OFFICIAL FILE COPY

To	Init.	Date
Copper Br.		11-28-51
~~210~~ Room		7029

Memorandum

To: Mr. Tom Lyon, Chairman Coordinating Committee

From: Field Team, Region VII

Subject: DMA-~~18952~~ 2201, Rex Boone

Transmitted herewith are 4 copies of a Field Examination on the subject application. The Field Team concurs in the recommendations.

This report covers exploration proposed to substitute for the original application for a loan forwhich denial was recommended.

Robert A. Laurence
Robert A. Laurence
U. S. Geological Survey

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 7 1951

DMPA
RECEIVED
NOV 2 0 1951

OFFICIAL FILE COPY

To	Init.	Date

10-31-51

Mr. Rex L. Boone
Post Office Box 293
Charlotte, North Carolina

Subject: DMA-2201
Re: Exploration Loan
Cliff Blanton Mica Mine

My dear Mr. Boone:

This will acknowledge receipt of your application dated October 27, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2201 and referred to the Industrial Minerals Branch.

Kindly refer to DMA-2201 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463

Post Office Box 293,
Charlotte, N. C.,
October 27, 1951.

Chief, Industrial Minerals Branch,
Defense Minerals Administration,
U. S. Department of the Interior,
Washington 25, D. C.

Dear Sir: Re: Form MF-103 Attached,

Attached hereto please find Form MF-103 which is an application for Exploration Funds to determine an ore body at the Cliff Blanton Mica Mine, Cleveland County, North Carolina.

Any effort which may be made to expedite this matter will be greatly appreciated.

Yours very truly,

L. Rex Boone, (An Individual)
Applicant.

b/b

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 29 1951

Post Office Box 293,
Charlotte, N. C.,
October 26, 1951.

Chief, Industrial Minerals Branch,
Defense Minerals Administration,
Department of the Interior,
Washington, 25, D. C.

Dear Sir: Re: ~~LMA-1095 (N)~~ 2201

With reference to above file, it is requested that any final action on this application be witheld pending filing of Form MF-103 on the property.

It is therefore presumed that the original Production Loan Application in the amount of $50,000.00 would not be granted unless further information concerning the deposit be made available.

It is thus, pending the filing of Form MF-103 and any action upon, this request to place this subject on inactive status is made.

Yours very truly,

D. Rex Boone, (An Individual)
Applicant.

b/b

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 29 1951

7/22/53

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMA-~~1895~~ 2201X, Cliff Blanton Mica Mine, Cleveland County, N.C.

(L. Rex Boone, applicant)

By

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

W. R. Griffitts, Geologist
U. S. Geological Survey

October 23, 1951

ON SITE EXAM.

Report of Field Examination on the
Cliff Blanton Mica Mine, Cleveland County, N. C.
(L. Rex Boone, applicant)

DMA-~~1895X~~ 2201

Introduction

The Cliff Blanton mica mine was opened years ago by Cliff Blanton, the owner. W. W. Martin later worked at the east end and at the middle of the south row of cuts. D. W. McArthur worked in the southeast cut from the fall of 1942 to the middle of 1943. In 1948 L. Rex Boone opened a large trench in the north row of cuts.

The workings consist of two rows of open cuts and pits. The north row, which contains 19 cuts, is 300 feet long. Both trend N.67°-70° E. The largest openings are at the east ends of the rows. That at the east end of the north row is 13 feet long, 9 feet wide and 25 feet deep. That at the east end of the south row is 30 feet long, 2 to 11 feet wide, and 45 feet deep.

Country Rock

The country rock is schist composed of muscovite and quartz with small quantities of weathered biotite and kaolinized feldspar. The strike ranges from north to east and the dip from 20° to 30° east to 10° south. The exposures of schist are near the pegmatite, where much local variation is to be expected.

Pegmatite

Two pegmatite bodies 240 feet apart have been explored at the mine. The southernmost body strikes N. 70° E., dips 80° E., and is 2 to 13 feet thick. At the east end of the largest cut the dike thins very abruptly. The north wall is straight, whereas the south wall there bends north. The south wall is somewhat irregular at other places in the mine.

The south pegmatite is composed of quartz, oligoclase, muscovite, and perhaps microcline. A quartz core in the dike extends 100-feet westward from the middle of the large eastern cut. Pegmatite composed largely of plagioclase flanks the quartz core and makes up the entire thickness of the dike beyond the ends of the core. In the westernmost three cuts the dike is 2 or 3 feet thick. It is there made up mainly of ruby or rum mica in books 1/2 inch to 1 1/2 inches across. The mica schist near the pegmatite has been recrystallized to a coarse-grained muscovite rock.

Flat ruby mica is found in small pockets in many places in the feldspathic pegmatite; however, the only large body of mica-rich pegmatite found so far is in a shoot that plunges 60° to 70° East along the nose of the quartz core. The shoot extends 30-feet eastward from the nose of the quartzmass and 5 to 10 feet west along the flanks of the quartz core. Within the mica shoot the mica is localized in layers that are separated by about 2 feet of mica-poor feldspathic pegmatite that dips 60° to 70° east. Along the flanks of the quartz the mica was found to be most abundant in an 18-inch layer. The mica shoot has been mined down its plunge for 50 or 60 feet. The mica content is about 7%. "A" mica of rum or green color is found near the west end of the quartz. It apparently occurs along the flanks of the core.

The north pegmatite body is 3 to 15 feet wide and at least 360 feet long. It narrows to 3 feet at the west end of the mine but is 7-feet thick at the east end. It strikes N. 70° E., and dips steeply north. Both contacts appear to be very irregular and the pegmatite contains many inclusions of schist, making accurate determination of the thickness and dip of the dike difficult. A large quartz mass extends about 100-feet westward from the east cut. Microcline-rich pegmatite occurs in a zone extending at least 15-feet east from the east end of the quartz. Both quartz and microcline-rich pegmatite are flanked by oligoclase-quartz pegmatite. Two small masses of quartz are exposed in the 3 westernmost cuts. Neither extends more than 20 feet along the strike or is more than 2 feet thick. Most of the dike is composed of oligoclase-quartz pegmatite containing scattered blocks of muscovite, accompanied in the west half of the mine by biotite and masses of quartz-muscovite rock 1/2-foot to 1 1/2 feet thick. Mica was apparently most abundant in this dike along the north flank of the large quartz mass.

In the south pegmatite body mica is concentrated in an eastward-plunging shoot between the nose of a quartz mass and the abrupt thinning of the dike. The absence of a mica shoot at the east end of the large quartz mass in the north dike suggests that both the termination of the quartz core and the thinning of the dike were important in localizing the mica in the shoot in the south dike.

The most recent operations, in the large easternmost cut in thesouth pegmatite, are said to have stopped because of the tendency of the weathered rock to cave into the workings rather than because of a decrease in the quantity or quality of mica.

Pits near the western end of the two main dikes may have been opened in additional pegmatite dikes.

Proposed Exploration

It is proposed to explore the north dike by three trenches and 9 pits. The trenches will be opened at the following places. All are to be 10-feet wide and 15-feet in average depth.

1. Extending 100-feet N 30° W. from the shaft at the east end of the north pegmatite dike.

2. Extending 100-feet N. 30°W and 100-feet S 30° E from a point 100-feet S. 75° W., of the west edge of the eastern-most shaft on the northern pegmatite dike.

3. Extending 100-feet N. 30° W. and 100-feet S. 30°E from a point 100-feet S. 59° W of the center point of trench 2.

Nine test pits, dug to an average depth of 20-feet, are to be opened in the bottoms of the trenches and at other points on the property.

Project will be started within 30 days after signing of the contract and will be completed within 90 days.

Total cost of the project will be as follows:

1/ Drag line trenching and test pitting 150 hours @ $12/hr.	$1800.
Supervision and labor	640.
1/ Bulldozer work - 10 hours @ $12/hr	120.
Rental of air compressor and rock drill and accessories for 1 month @ $250/month	250.
Supplies, dynamite, caps, fuse, gasoline, oil small tools, etc.	500.
Rental of dump truck @ $16 per day for 20 days	320.
Insurance and contingencies	370.
Total cost of project	$4,000.

Operating Equipment to be Rented

1/ Drag line 150 hours @ $12/hr	$1800.
1/ Bulldozer 10 hours @ $12/hr.	120.
Air Compressor, rock drill, & accessories for 1 month @ $250/mo.	250.
Dump truck for 20 days @ $16/day	320.

Purchased

None Supplies 500

Furnished

None

1/ By contract. Cost to include operator, fuel, oil, and repairs.

Labor and Supervision

2 - Laborers @ $6/day each for 20 days	$240.
1 - Superintendent - 20 days @ $20 /day	400.

Rehabilitation and Repairs

None

FILE COPY
SURNAME:

Koontz

140

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

January 17, 1951

Memorandum

To: Acting Administrator

From: Chief Counsel

Subject : L. Rex Boone exploration contract — Docket No. DMEA-2201

The attached six copies of a draft of an Exploration Project Contract in this case is in satisfactory legal form and is approved by this office subject to the attachment of necessary maps and subordination agreements.

Your file in this case is returned.

J. L. Hofflund

J. L. Hofflund
Chief Counsel

Attachments

CJKoontz/bjl

Copy to: Repts. & Records
J. L. Hofflund
C. J. Koontz
Chron.

BF

Not Stripped R.R.

Dates
Contract Jan. 25, 1952
Completion Aug. 25, 1952
Amendments 1, 2

Contract # Idm-E243
D.M.E.A. # 2201
Name: L. Rex Boone
Form: Old

CONTRACT ALLOWANCE	ITEM	MARCH AMOUNT	MARCH PER FT.	APRIL AMOUNT	APRIL PER FT	MAY AMOUNT	MAY PER FT.	JULY AMOUNT	JULY PER FT.
$2,490.00	Equipment Rented	7000		40000		122000		192650	
500.00	Equipment Purchased								
1,010.00	Labor and Supervision	4000		10000		30000		60401	
$4,000.00		11000		50000		152000		253051	
-0-	Supplies					250		425	
-0-	Telephone expense					1380		1735	
-0-	Advertising					922		922	
-0-	F.I.C.A.							189	
						154552		256322	

Trenching: $0.37/cu.yd
Test pits: $0.68/cu.yd

Field Referral - Application

4-22-53 DMEA-2201
Idm-E243
No. 216 Mica
Region VII

L. REX BOONE, CHARLOTTE, NORTH CAROLINA. Cliff Blanton Mine, Cleveland County, North Carolina.

Letter to the Field enclosing the Operator's request for additional work on the "South Pegmatite" of the property described in Contract Idm-E243, DMEA-2201, and requesting a field examination, if it is thought advisable, and field recommendation.

Letter to the Operator acknowledging letters of December 29, 1952, and April 14, 1953, requesting additional work on property described in the contract, and advising that the request has been referred to the Field.

L. REX BOONE, CHARLOTTE, NORTH CAROLINA. Cliff Blanton Mica Mine, Cleveland County, North Carolina.

6-8-53
No. 226

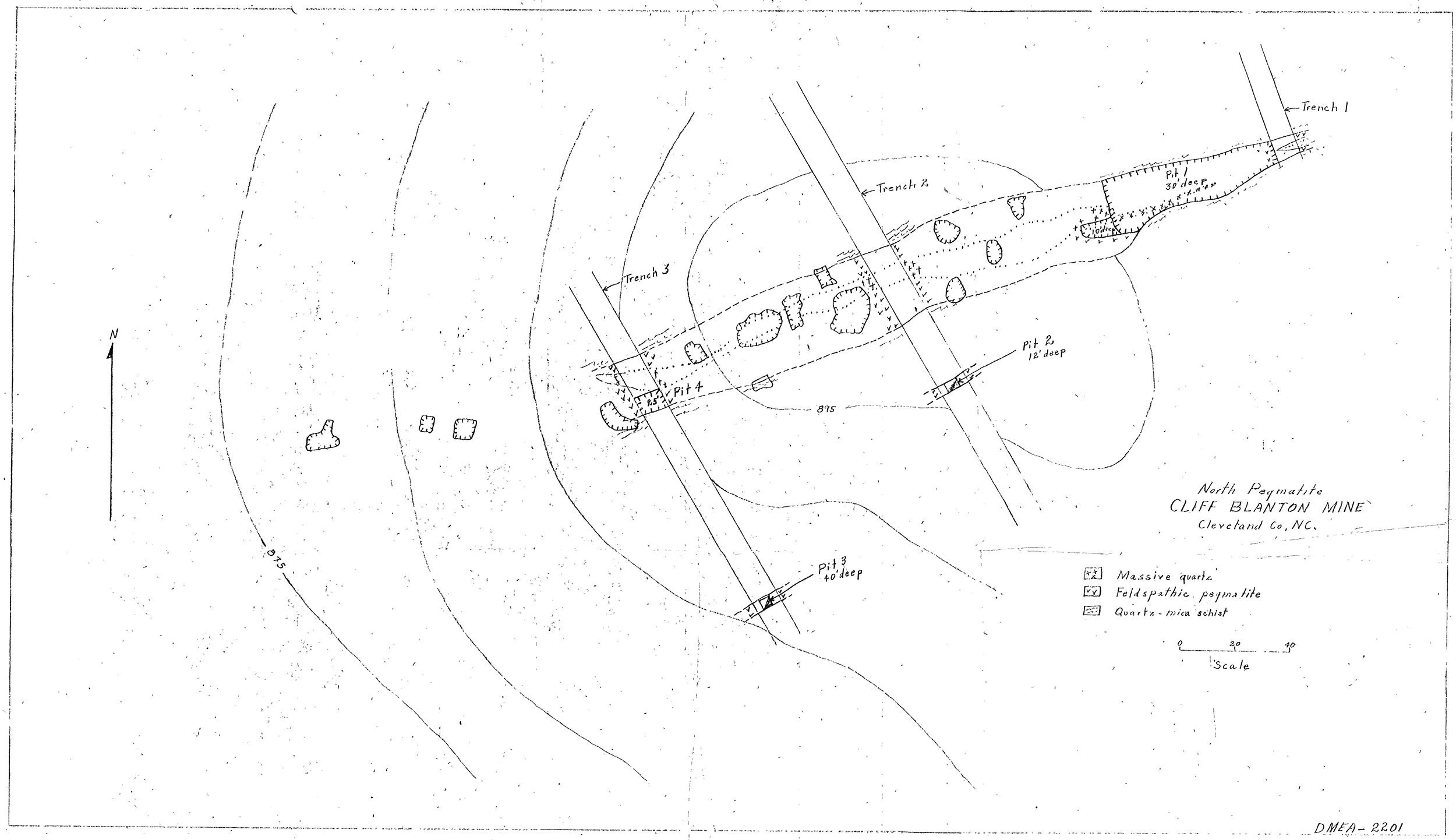
Field report recommending approval for additional exploration under contract Idm-E243. This contract was terminated on August 1, 1952. The applicant then applied for additional aid.

DMEA-2201
Idm-E243
Mica
Region VII

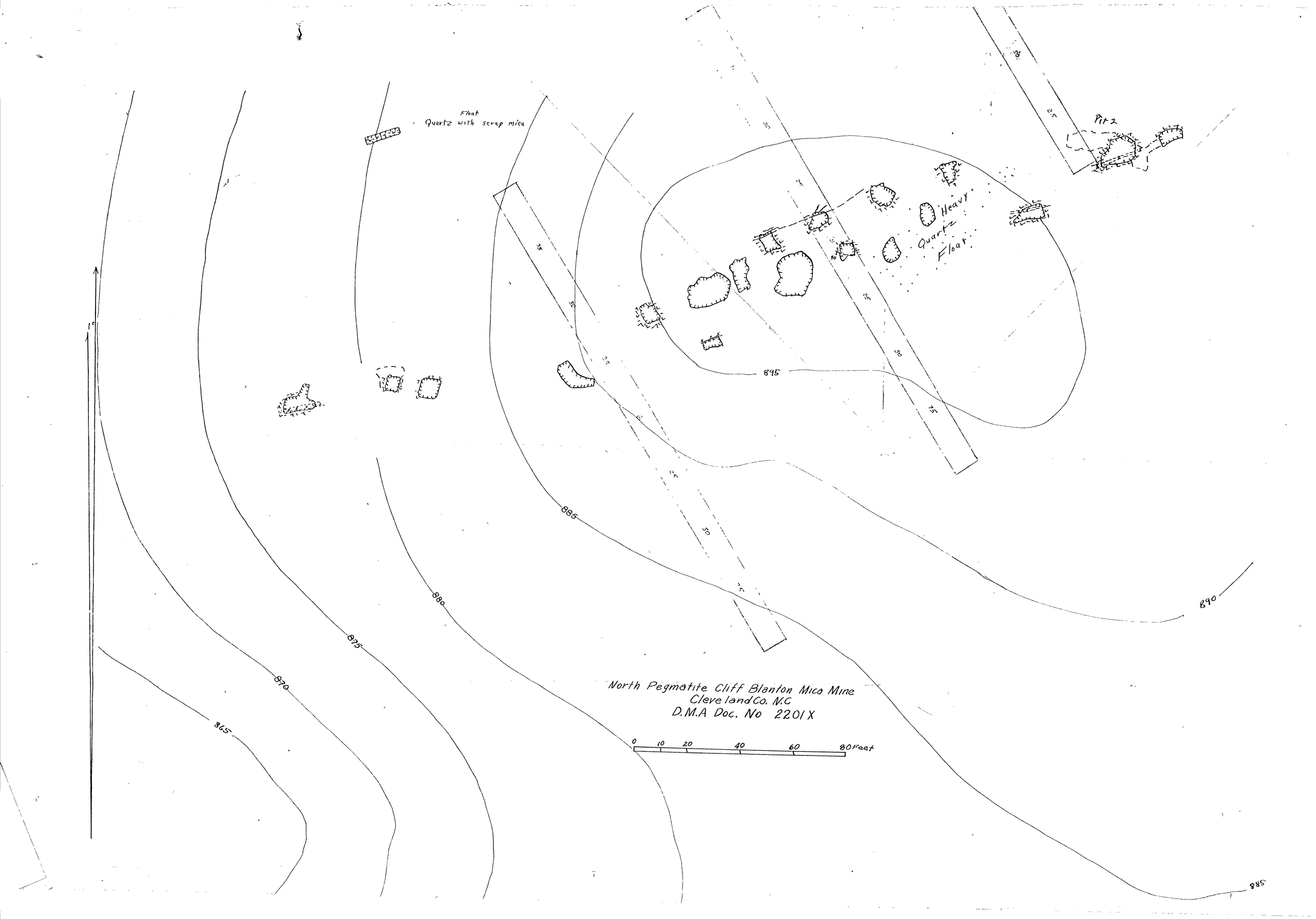
L. REX BOONE, CHARLOTTE, NORTH CAROLINA. Cliff Blanton Mica Mine, Cleveland County, North Carolina.

6-3-53

Letter to the Field with reference to royalty payment made by the Operator.


Trench 1
Trench 2
Trench 3
Pit 1
30' deep
Pit 2
12' deep
Pit 3
40' deep
Pit 4
8.5
10.0
875
875
N
North Pegmatite
CLIFF BLANTON MINE
Cleveland Co, NC.
Massive quartz
Feldspathic pegmatite
Quartz - mica schist
0
20
40
Scale

DMEA-2201


Float
Quartz with scrap mica
Pit 2
Heavy
Quartz
Float
895
890
885
880
875
870
865
North Pegmatite Cliff Blanton Mica Mine
Cleveland Co. N.C
D.M.A Doc. No 2201X
0 10 20 40 60 80 Feet