UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (or cancelled) without certification. DMEA No. 1390

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 _____

W.C.
Reviewer's Initials

7973

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Ernest Mica Company, Inc.

c/o Ernest Crowder

Spruce Pine, North Carolina

pertaining to Exploration Project Contract No. Idm-E74, Docket No. DMA-1390X, for the months of August and September, 1951.

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 Government representative who visited and examined the project, 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 (partially);
(c) a major portion ($820) of the costs was for bulldozing work at standard 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		$ 1,070.88
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$ 1,070.88

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 Nine hundred sixty-three Dollars and 79/100.

- $963.79 -

is considered valid and proper.

Date: JUN 24 1952

E. D. Talbert

MF-200
(June 1951)

Index
Not Card
Card
Reviewed 8/12/51

Docket No. DMA 1390-X
Commodity Mica
Idm-E 74

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 20th day of July, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2]

Ernest Mica Company, Inc.
c/o Ernest Crowder
Spruce Pine, 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 Mitchell described as follows: [3]

See Annex I attached

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

(*a*) ~~[illegible]~~

(*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 15 days from the date of this contract shall commence work on a project of exploration for [5] 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] 45 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 $1,170.00, which is 90 percent of the agreed estimated total cost of this project, $1300.00.

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.

Ernest Mica Company, Inc.
(Operator)

By Ernest Crowder

President

THE UNITED STATES OF AMERICA

By C O Mitteudorf

Director
Production Expansion Division
Defense Minerals Administration

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

DMA Docket 1390-X
Ernest Mica Co., Inc.

ANNEX I

The "Chalk Mountain" Mine
S.L. Phillips Estate,
Chalk Mountain, N. C.

"Located on the Phillips Chalk Property in Grassy Creek township and joining the Poteat property on the East side and Sparks heirs property on Northwest. Beginning on Old Sugar Maple in Sparks line and with their line NW 1000 feet to a stake in their line; thence running on a 90° angle from their line 1000 feet to a stake; thence on a 90° angle 1000 feet to a stake; thence on a 90° angle 1000 feet to the beginning."

EXHIBIT "A"

Performance of Work

Work will consist of tractor dozer trenching across the strike of the pegmatite in which the mica mineralization is found. Shallow test pits will then be dug in the pegmatite cut and exposed in the trenches, and the material removed from the pits sampled.

A total of 100 to 200 feet of trenches will be excavated to a depth of about 6 feet and a width of 6 to 12 feet, depending on the available blade width. Individual trenches will be 15 to 35 feet long. Location and direction of the trenches and location of test pits must have the approval of the Government field team engineers.

All sampling will be supervised by the Government field team engineers.

Cost of Project

1/87 hrs. tractor dozer trenching @ $10.00/hr.	$ 870.00
Miscellaneous tools	50.00
1 - Engineer-Superintendent, part time 4 days @ $20.00/day	60.00 80
1 - Foreman @ $12.00/day - 10 days	120.00
2 - Laborers @ $10.00/day - 10 days	200.00
2/Total Cost of Project	$1,300.00

1/ Total cost includes supplies, operators' wages and repair cost. Rental rates to be charged will be for actual operating time.

2/ Includes sampling and office charges.

Fixtures and Improvements

Does not apply to this contract

Operating Equipment

Equipment to be Purchased

Miscellaneous hand tools	$ 50.00

Equipment to be Rented from Company

1/ 1 - tractor with dozer blade @ $10.00/hr. - 87 hrs.	$ 870.00

1/ Includes cost of operator, fuel, oil, and repairs.

Labor and Supervision

1 - Engineer-Superintendent part time @ $20.00/day of 8 hrs. - total 3 days	$ 60.00
1 - Foreman @ $12.00/day - 8 hrs. - total - 10 days	120.00
2 - Laborers @ $10.00/day - 8 hrs. - total - 10 days each	200.00

Rehabilitation and Repairs

Does not apply to this contract.

DMM. 1390 X

Exhibit "E"

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 Mitchell, State of North Carolina, described in a certain Exploration Project Contract dated July 20, 1951, between Ernest Mica Company, Inc., the Lessee of said property, and the United State of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated May 28, 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 right 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 convenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 28th day of May, 1951

Fletcher O Phillips executor
of S. L. Phillips estate

C O P Y

No. 75--LETTERS TESTAMENTARY--Printed and for sale by Edwards & Broughton Printing Co., Raleigh, N. C.

NORTH CAROLINA)
) In The Superior Court.
Mitchell County)

THE STATE OF NORTH CAROLINA

TO ALL TO WHOM THESE PRESENTS SHALL COME--GREETING:

IT BEING SATISFACTORILY PROVEN TO THE UNDERSIGNED, Clerk of the Superior Court of Mitchell County, that S. L. PHILLIPS late of said County, is dead, having made a last WILL AND TESTAMENT, which has been admitted to Probate (a true copy whereof is hereunto annexed), and FLETCHER PHILLIPS the Executor named therein having qualified as such according to law:

NOW THESE ARE THEREFORE TO EMPOWER the said Executor to enter in and upon all and singular the goods and chattels, the rights and credits of the said deceased, and the same to take into possession wheresoever to be found, and all the just debts of the said deceased to pay and satisfy, and the residue of said estate to distribute according to the directions of said Will.

WITNESS, My hand and the seal of said Court, this 1st day of July, 1947.

/s/ J. H. McKinney
Clerk of the Superior Court.

Every executor, administrator and collector, within three months after his qualification, shall return to the clerk on oath, a just, true and perfect inventory of all the real estate, goods and chattels of the deceased, which have come to his hands, or to the hands of any person for him which inventory shall be signed by him and be recorded by the Clerk. He shall also return tothe Clerk, on oath, within three months after each sale made by him, a full and itemized account thereof, which shall be signed by him and recorded by the Clerk.--Revisal of 1905, section 42

Every executor, administrator and collector shall, within twelve months from the date of his qualification or appointment, and annually so long as any of the estate remains in his control, file, in the office of the Clerk of the Superior Court, an inventory and account, under oath, of the amount of property received by him, or invested by him, and the manner and nature of such investment, and his receipts and disbursements for the past year in the form of debit and credit. He must produce vouchers for all payments. The Clerk may examine, on oath, such accounting party, or any other person, concerning the receipts, disbursements, of any other matters relating to the estate; and having carefully revised and audited such account, if he approve the same, he must endorse his approval thereon, which shall be deemed prima facie evidence of correctness.--Revisal of 1905, section 99.

No. 75—LETTERS TESTAMENTARY—Printed and for sale by Edwards & Broughton Printing Co., Raleigh, N. C.

NORTH CAROLINA,
Mitchell COUNTY. } IN THE SUPERIOR COURT.

THE STATE OF NORTH CAROLINA,

To all to whom these presents shall come—GREETING:

IT BEING SATISFACTORILY PROVEN TO THE UNDERSIGNED, Clerk of the Superior Court of Mitchell County, that S. L. Phillips late of said County, is dead, having made a last WILL AND TESTAMENT, which has been admitted to Probate (a true copy whereof is hereunto annexed), and Flotcher Phillips the Executor named therein having qualified as such according to law:

NOW THESE ARE THEREFORE TO EMPOWER the said Executor to enter in and upon all and singular the goods and chattels, the rights and credits of the said deceased, and the same to take into possession wheresoever to be found, and all the just debts of the said deceased to pay and satisfy, and the residue of said estate to distribute according to the directions of said Will.

WITNESS, my hand and the seal of said Court, this 1st day of July, 19 47.

J. M. [illegible]
Clerk of the Superior Court.

Every executor, administrator and collector, within three months after his qualification, shall return to the clerk on oath, a just, true and perfect inventory of all the real estate, goods and chattels of the deceased, which have come to his hands, or to the hands of any person for him, which inventory shall be signed by him and be recorded by the Clerk He shall also return to the Clerk, on oath, within three months after each sale made by him, a full and itemized account thereof, which shall be signed by him and recorded by the Clerk.—Revisal of 1905, section 42

Every executor, administrator and collector shall, within twelve months from the date of his qualification or appointment, and annually so long as any of the estate remains in his control, file, in the office of the Clerk of the Superior Court, an inventory and account, under oath, of the amount of property received by him, or invested by him, and the manner and nature of such investment, and his receipts and disbursements for the past year in the form of debit and credit. He must produce vouchers for all payments. The Clerk may examine, on oath, such accounting party, or any other person, concerning the receipts, disbursements, or any other matters relating to the estate; and having carefully revised and audited such account, if he approve the same, he must endorse his approval thereon, which shall be deemed *prima facie* evidence of correctness.—Revisal of 1905, section 99.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1390X

Date received 5/31/51

Participation

Ernest Mica Co., Inc.
c/o Ernest Crowder
Spruce Pine, North Carolina

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application May 31, 1951

Estimated cost $11,693

Mineral or metal Mica

Percentage of Government participation 90%

Location of mine Dogwood Flat, Chalk Mt.

2½ Miles N. W. of Spruce Pine, N. C.
See Exhibit "B"

Date of filing MF-100

DMA Docket Number, if available dma 1390X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*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.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—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 (*b*) 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.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

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.

---------- By ----------
(Name of company) (Signature of authorized official)

---------- ----------
(Date) (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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103 Defense Minerals Administration

Ernest Mica Co., Inc.

Collis Mine, Dogwood Flat, Chalk Mt.
$2\frac{1}{2}$ mi. N. W. Spruce Pine, N. C.

1. Corporation

2. Not a partnership

3. See page 3 of Exhibit "A."

4. See Exhibits B and C

5. Lessee

6. Not owner

7. See Exhibit D. Lease is in good standing.

   Note: Subordination Form is attached to original file as Exhibit E.

8. New corporation. Bank statement that a deposit in the amount to cover the 10% participation by application will be submitted for incorporation in this application prior to awardation.

9. $1,200. Yes.

10. (a) See lease Exhibit D.
    (b) Both areas the same.

11. "Collis"

12. Mine is $2\frac{1}{2}$ miles N. W. of Spruce Pine, N. C. Truck and railroutes serve Spruce Pine. Roads are good hard surface almost all the way to mine. Access road to mine from highway is firm. See Exhibit "G"

13. No water needed. No water in area leased. Is available on other property of lessor and can be acquired.

14. None

15. Ore will be trucked to Spruce Pine, N. C. There are ample milling, and sheeting factories in Spruce Pine which is the predominant fabricating center of punch and sheet mica.

16. History is a matter of record with U. S. Bureau of Mines, U. S. Geological Survey and R.F.C.'s records of Colonial Mica Corporation.

17. Not now producing

18. Unknown

19. None

20. Mica.

21. It is proposed to route out four lanes 1000 feet long to a depth of 50 feet. These lanes will be spaced 250 feet apart, unless good bearing ore is encountered, in which case the lanes will be made through the ore bodies to ascertain the total quantity of commercial grade and strategic sheet mica in the exploration area. One lane will be made per month. If commercial quality ore is uncovered in several places, it will probably take longer than one month to each lane, but since the discoveries at that time will help finance the remainder of the loan, it is felt no serious objections would be interposed to stop the marketing of strategic grade ore.

22. Prospects are well known to the Department of Interior in the U. S. Bureau of Mines and the U. S. Geological Survey. (See Chalk Mountain Prospects.)

23.

	Per Month	Four Month Period	Total
(a) 2 Muckers at $60 per week	$ 520	$ 2,080	$ 2,080
(b) 1 Supervisor at $100 per wk	433.33	1,733	1,733
(c) None			
(d) 1 tool shed		200	200
(e) None			
(f) Bulldozer rental at $85 per day	1,870	7,480	7,480
(g) None			
(h) Hand tools		200	200
(i) None			
			11,693.00

24. See answer to 21 above.

First Month's Operation

2 Muckers	520
1 Supervisor	433.33
1 tool shed	200
Bulldozer rental	1,870
Hand tools	200
	3,223.33

Each Month thereafter

2 muckers	520
1 supervisor	433.33
Bulldozer rental	1,870
	2,823.33

Exhibit "A"

STATE OF NORTH CAROLINA
Department of State

To all to whom these presents shall come, Greeting:

I, Thad Eure, Secretary of State of the State of North Carolina, do hereby certify the following and hereto attached (Four (4) sheets) to be a true copy of

CERTIFICATE OF INCORPORATION OF ERNEST MICA CO., INC.,

the original of which is now on file and a matter of record in this office.

In Witness Whereof, I have hereunto set my hand and affixed my official seal.

Done in Office, at Raleigh, this 25th day of May in the year of our Lord 19 51.

Thad Eure
Secretary of State

CERTIFICATE OF INCORPORATION

of

Ernest Mica Co., Inc.

KNOW ALL MEN BY THESE PRESENTS:

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

FIRST: That the name of the said corporation is:
Ernest Mica Co., Inc.

SECOND: That the purposes for which said corporation is formed are:

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

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

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

(d) To enter into partnerships or into any arrangement for sharing profits, union of interest, corporation, joint adventure, reciprocal concession, or otherwise, with any person, partnership, firm or corporation, in any business or transaction in which this corporation is authorized to carry on or engage in so as to directly or indirectly benefit this corporation.

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

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

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

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

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

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

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

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

THIRD: That the principal office for the transaction of the business of this corporation is to be located in ~~[illegible]~~ Spruce Pine, North Carolina. That the name and address of the agent authorized to accept service on the corporation in the State of North Carolina is Ernest Crowder Spruce Pine, North Carolina.

FOURTH: That this corporation is authorized to issue only one class of shares of stock, the total number of which is 900 shares with no par value.

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

Ernest Crowder, President	Spruce Pine, North Carolina.
Fletcher O. Phillips, Vice Pres.	Spruce Pine, North Carolina.
Elizabeth Phillips, Secty-Treas.	Spruce Pine, North Carolina.

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

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

Ernest Crowder	Spruce Pine,	N. C.	(1) share
Fletcher O. Phillips	"	"	(1) share
Elizabeth Phillips	"	"	(1) share

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

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

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

IN WITNESS WHEREOF, the persons named herein as directors have hereunto set their hands this 24 day of May, 1951.

Ernest Crowder

Fletcher O Phillips

Elizabeth Phillips

STATE OF NORTH CAROLINA)
) ss.
MITCHELL COUNTY)

On this 24 day of May 1951 before me, the undersigned Notary Public in and for the State of North Carolina, residing therein, duly commissioned and sworn, personally appeared
Ernest Crowder
known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in the County of Mitchell, the day and year first hereinabove written.

Kenneth R. McKinney
Notary Public of said County and State
My Commission expires - 11-21-52

STATE OF NORTH CAROLINA)
) ss.
MITCHELL COUNTY)

On this _____ day of _____ before me, the undersigned Notary Public in and for the State of North Carolina, residing therein, duly commissioned and sworn, personally appeared
Fletcher L. Phillips
known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in the County of Mitchell, the day and year first hereinabove written.

Kenneth R. McKinney
Notary Public of said County and State
My commission expires 11-21-52

STATE OF NORTH CAROLINA)
) ss.
MITCHELL COUNTY)

On this _____ day of _____ before me, the undersigned Notary Public in and for the State of North Carolina, residing therein, duly commissioned and sworn, personally appeared
Elizabeth Phillips
known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in the County of Mitchell, the day and year first hereinabove written.

Kenneth R. McKinney
Notary Public of said County and State
My Commission expires 11-21-52

STATE OF

NORTH CAROLINA

CERTIFIED COPY OF

CERTIFICATE OF INCORPORATION

OF

ERNEST MICA CO., INC.

Office of the

Secretary of State

Exhibit "B"

ERNEST CROWDER

Ernest Crowder is forty-four years old and has lived all his life in Mitchell County, North Carolina. His first employment was in local mines as a mucker at the age of sixteen.

For the past twenty years he has been a mining supervisor having from five to fifteen men under his supervision including drillers, muckers, drag line operators, and truckers. As a result of his many years of experience, he is thoroughly familiar with the location of and mining of mica and feldspar.

Due to his knowledge of blasting and his penchant for safety preparations in pillowing, timbering and supporting shafts and caves, miners are not afraid to work under him. In fact, his reputation for safety is well known, and the insurance underwriters usually insure "his" mines at low rates.

His past employment record is as follows:

Ewrin Feldspar	"C" Mine	1927 - 1929
Carolina Minerals	"Pink Mine"	1929 - 1936
Tennessee Minerals	"Deerpark"	1936 - 1937

For self and in partnership with others since 1937.

* * * * *

References:

Mr. Ed. Fortner
Insurance Agent, Spruce Pine, North Carolina
Mr. "Bill" McKinney, General Manager
Spruce Pine Store Co., Spruce Pine, North Carolina
Mr. Carroll Rogers,
Blue Ridge Mining Co., Spruce Pine, North Carolina

Exhibit "C"

FLETCHER O. PHILLIPS

Fletcher O. Phillips is 46 years old, a native of the Spruce Pine area, and has lived in that mining district most of his life.

He has 26 years of mining experience, and at present is mining mica and feldspar on a commercially profitable basis in the Dogwood Flat near Yellow Mountain in the Spruce Pine area. This mine is presently producing one thousand pounds of mica of punch or better quality per week and approximately seventy-five tons of feldspar.

During World War II, Mr. Phillips was one of three partners in the mica fabricating plant of "Carpenter and Phillips Mica Company" which employed from 90 to 180 persons. One of his duties was to purchase mica for fabricating. That experience has thoroughly schooled Mr. Phillips in appraising and grading blocks and sheets of mica.

His two years mining education at North Carolina State College is one of his greatest assets in that it helps him to evaluate out croppings and to follow "leads" once mining operations have commenced.

His past employment record is as follows:

Bennidict Coal Co.	St. Charles, Va.	1927 - 1928
Mining School	State College, N. C.	1928 - 1930
Bennidict Coal Co.	St. Charles, Va.	1930 - 1932
Hoot Owl Mine	Spruce Pine, N. C.	1934 - 1936
Mining for self	Spruce Pine, N. C.	1936 - 1941
Carpenter & Phillips Mica Co. (partner)	Spruce Pine, N. C.	1941 - 1945

* * * * * *

References:

Mr. Ernest Poteat, Cashier
Northwestern Bank, Bakersville, N. C.
Mr. Roy Welds, Manager
Harris Clay Co., Spruce Pine, N. C.
Mr. J. P. McKinney, Mine Manager
United Feldspar & Minerals, Spruce Pine, N. C.

Exhibit "D"

MINING LEASE

State of North Carolina Mitchell County:

This indenture made this 28th day of May, 1951

between Ithelus Phillips, Executor for S L Phillips Estate

of Mitchell County and State of North Carolina, as party of the

first part, and known as lessor___, and Lewis Crowder

of Mitchell County and State of North Carolina, party of the

second part and known as lessee.

WITNESSETH, That the party ✓ of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor___, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written, to wit:

Located on the Phillips Chalk Property in Grassy Creek township and joining the Pattat property on the East side and Sparks heirs property on North west. Beginning on old Sugar Maple in Sparks line and with their line NW 1000 ft to a stake in this line; thence running on a 90° angle from this line 1000 ft to a stake: thence on a 90° angle 1000 ft to a stake: Thence on a 90° angle 1000 ft to the beginning

TO HAVE AND TO HOLD the said lands to him, for mining purposes, the said lessee and his heirs and assigns for the aforesaid period of five years in compliance with the conditions of this instrument, for the purpose and with the right to dig, quarry, search, explore for, obtain, and remove any kind of minerals, metals or fossils, and particularly mica, and to conduct the same to any extent the said party of the second part, the lessee, may desire. And it is hereby agreed between the parties to this agreement that the party of the second part is to have the use of any unoccupied buildings on said lands for mining purposes, and that he shall have the right to erect such buildings as he needs to carry on such mining operations during the period of this lease, and that the party of the second part shall keep the same in as good condition as when received, unavoidable accidents excepted. And it is also agreed by the party of the second part that no unnecessary damage is to be done to the lands herein leased during the period of this lease and the continuance of said lease, but the said party of the second part shall have right to take from said lands leased to the party of the second part any wood or timber the party of the second part may need to carry on said mining operations or which may be needed to carry on the addition to existing buildings or to erect new buildings or sheds on said lands. (Timber of high or special market value is excepted and shall not be used by the lessee.) And it is hereby agreed that the party of the second part, the lessee, is to have right-of-way of ingress and egress to said mines or land upon which exploration is being conducted.

AND IT IS FURTHER AGREED That the party of the second part, the lessee hereby agrees to pay to the said party of the first part, or his or their heirs or assigns, a rental royalty of One eight of the selling price on Mica and $0.50 per ton (2240 lbs) on Feldspar

on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, shall have the option to renew this lease and to extend the period of its running for an additional five years from the date of its present termination. The option shall be exercised by giving formal written notice to the party of the first part or by the continuation of any mining operations then being conducted. The lessor reserve the right to use the land, or convey the same not conflicting with this lease, but under any conveyance the terms of this lease must be recognized by the grantee, purchaser, or assigns thereof. And it is agreed that the lessee may assign this mining lease or any part thereof and that he may sublease.

BUT IT IS EXPRESSLY AGREED That unless mineral or fossil material of practical value for mining purposes shall be found within a period of two years from the date of this instrument, the lease may be terminated by the lessee at any time thereafter on thirty days notice to the lessor. The lessee agrees that during the period of this lease or the continuance of this lease that work in said mines or exploration for new mines within the area leased shall not cease longer than ninety days at any one time, unavoidable accidents excepted.

WITNESS our hands and seals the day and year first above written.

Witness:

O. V. Coulter

Fletcher Phillips, Exr. (lessor) (Seal)

(Seal)

Lewis Crowder (lessee) (Seal)

NORTH CAROLINA, Mitchell COUNTY:

The execution of the foregoing instrument was this day acknowledged before me by Hutchins Phillips the grantor ___ for the purposes therein expressed. Let the same, with this certificate, be registered. This 28 day of May, 1951.

Kenneth R. McKinney
Mitchell County
Notary Public

My commission expires 11-21-52

******

NORTH CAROLINA, Mitchell COUNTY:

I, Kenneth R. McKinney, do certify that Lewis Crowder and _____, his wife personally appeared before me this day, and acknowledged the execution of the annexed mining lease and the said _____ being by me privately examined separate and apart from her said husband, touching her voluntary execution of the same; doth state that she signed the same free and voluntarily, without fear or compulsion of her said husband, or of any other person, and that she doth still voluntarily assent thereto. This 28 day of May, 1951.

Kenneth R. McKinney
Mitchell County
Notary Public

My Commission expires 11-21-52

******

NORTH CAROLINA, _____ COUNTY:

The foregoing certificate of _____ of _____ County is adjudged to be correct and sufficient. Let the instrument, with the certificate be registered.

Witness my hand and official seal, this _____ day of _____, 1951.

_____
Clerk Superior Court

A S S I G M E N T

I, ~~(We)~~, Lewis Crowder

the undersigned for and in consideration of One Dollar and other valuable consideration, in hand received and hereby acknowledged, do hereby sell, assign, transfer, quit-claim, and deliver unto

Ernest Mica Co., Inc.

all my (our) right title and interest, both legal and quitable, in and to the following described property, chattles, or goods:

My lease dated the 28th Day of May, 1951 from The S. L. Phillips estate giving to me mining rights in a protion of the property owned by the estate and set forth in said lease.

WITNESS my (~~our~~) hand(~~s~~) and seal(~~s~~) this 29th day of May 1951.

Lewis Crowder

STATE O

COU

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 74

Name of Operator Ernest Mica Company, Inc.
Docket No. DMA 1390-X
Total Contract Amount $ 1300.00
Government Participation: 90 % Amount, $ 1170.00
Distribution of Expenditures for Month of September 1951

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.

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.

Ernest Mica Company, Inc.
(Name of Company)

By /s/ Ernest Crowder
(Signature of Authorized Official)

October 4, 1951
(Date)

President
(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]	350.00	470.00	820.00			
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

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]	115.70	34.00	149.70			
5. Supervision	40.00	40.00	80.00			
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other	21.18	None	21.18			
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Total	526.88	544.00	1070.88			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date						

[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 /s/ Robert A. Laurence
Entered by /s/ Robert A. Laurence
Approved by /s/ Wm. A. Beck
Amount approved for payment
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF September

(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	20.00	350.00			370.00	Trenchs	1	3	4	Not Specified
Sampling and assaying										
Roads and trails										
Test pits	135.70		21.18		156.88	Pits	2	0	2	Not Specified
Other (specify)										
Totals	155.70	350.00	21.18		526.88					

[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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 74

Name of Operator Ernest Mica Co., Inc.
Docket No. DMA 1390-X
Total Contract Amount $ 1300.00
Government Participation: 90 % Amount, $ 1170.00
Distribution of Expenditures for Month of August 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 23 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.

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.

Ernest Mica Co., Inc.
(Name of Company)

By /s/ Ernest Crowder
(Signature of Authorized Official)

September 4, 1951
(Date)

President
(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]	470.00		470.00			
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

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]	34.00		34.00			
5. Supervision	40.00		40.00			
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other						
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Total	544.00		544.00			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date	544.00		544.00			

[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 /s/ Wm. A. Beck
Entered by /s/ Wm. A. Beck
Approved by /s/ Wm. A. Beck
Amount approved for payment
Remarks

16—64068-3

Cols.

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF August 1951

(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	74.00	470.00			544.00	Trenchs	3	None	3	Not Specified
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	74.00	470.00			544.00					

[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

MICA

DMEA - 1390

Ernest Mica Company, Inc., c/o Ernest Crowder, Spruce Pine, North Carolina

No application in file

Contract dated July 20, 1951

Total.....$ 1,300.00

Government participation 90%... 1,170.00

Exploration completed in September 1951

No discovery of a worthwhile body of strategic mica was made

No cost sheets in file

Balance Government's share.....$ 206.21

DMEA - 1390X

Ernest Mica Company, Inc., c/o Ernest Crowder, Spruce Pine, North Carolina

Contract.....$1,300.00

Government participation..... 1,170.00

Total expended..... $1,070.88

Government's share..... 963.79

Applicant's share..... $ 107.09

☑ Audited

☐ Certified

[illegible]K ANALYSIS SHEET - DMEA PROJEC[illegible]

Analysis as of November 30, 1954
Incl. Voucher for September, 1951

☑ Actual Cost

☐ Agreed Unit Costs

Name Ernest Mica Company, Inc

Docket No. 1390

State North Carolina

Commodity Mica.

Idn-E No. 74

OPERATION	AUTHORIZED		COMPLETED		NET COST
	UNITS	COST	UNITS	COST	
Drifting & Crosscutting					
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation		$1,300.00		$1,070.88	$1,070.88
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		$1,300.00		$1,070.88	$1,070.88

Prepared by Walter C. Anderson

C O P Y

March 4, 1955

Memorandum

To: Jay L. Chambers

From: Lawrence G. Houk (initialed) L. G. H.

Subject: Closing dockets

The Nonmetallic Minerals Division have reviewed the following contracts and do not intend to make certifications of discovery or development:

Idm-E52	DMEA-1212	Idm-E	DMEA-
40	1213	217	1969
13	1679	244	1955
73	519	253	2134
74	1390	257	2077
78	1664	272	2360
93	812B	288	2344
97	1224	324	2255
121	1517	344	2156
124	1318	373	2439
125	1720	411	2528
129	1665	430	2524
134	1732	433	2620
140	1813	444	2646
179	1122	450	2681
180	1250	480	2725
191	1914	497	2778
195	1812	507	2840
198	1929	518	2785
211	1721	524	2909
216	2104	543	2950
		565	3030

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

OFFICE OF
REGIONAL DIRECTOR

P. O. BOX 217
NORRIS, TENNESSEE

February 11, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 1[illegible] 1952

1390

Mr. Jay L. Chambers
Chief, Contract Administration
and Audit Division
Defense Minerals Exploration Administration
U. S. Department of Interior
Interior Building
Washington 25, D. C.

Dear Mr. Chambers:

Reference is made to your teletype dated February 8, 1952 regarding unpaid obligations against Ernest Mica Company, Inc., contract Idm-E-74, and Lawrence S. Penland, contract Idm-E-121. - 1517

We have been advised by Mr. W. A. Beck, that there are no unpaid obligations against the above contracts. Two progress reports have been received on the Ernest Mica Company's contract Idm-E-74 covering the months of August and September 1951, and we show an unobligated balance of $206.21 on this contract.

We have received one progress report on the Lawrence S. Penland's contract, Idm-E-121. This report covered the month of September 1951 and was marked 1st and final payment in the amount of $500.00. Payment was made in the amount of $450.00, which was the total amount of Government participation.

Please advise if additional information is needed.

Sincerely yours,

Helen Miller

Helen R. Miller
Administrative Officer

CC: Mr. R. A. Laurence
Mr. W. A. Beck
Mr. C. O. Mittendorf
Mr. F. E. Johnson

FILE COPY
SURNAME:

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

800
Claude Galiher
3461 2612

1420137 Salaries & Expenses, Defense Production Activities, Interior, 1952
February 8, 1952

Galiher

Sam J. Wardell, P. O. Box 217, Norris, Tennessee

Unpaid Obligations

Are there any unpaid obligations against Ernest Mica Co., Inc., DMA-1390, IDM-E-74; Lawrence S. Penland, DMA-1517, IDM-E-121. Reply by return mail.

N.S
R+R

Jay L. Chambers, Chief
Contract Administration & Audit Div.

CGaliher/wb
February 8, 1952

Copies to: Mails & Files
Admin. Reading File
Mr. Chambers

SENT
FEB 8
Central Service Section

J. a.

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D.C.~~

Room 13, Post Office Building
Knoxville, Tennessee

In Corr. 12/19/51 [illegible]
Corrected by [illegible]
[illegible] 12/19/51
[illegible]

December 13, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 17 1951

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee

From: DMEA Field Team, Region VII

Subject: DMA-1390X, Idn-E74, Ernest Mica Co., Inc.
Final Report

Enclosed are 4 copies each of the Operator's final report and our final report on the subject contract.

No commercial discovery has been made.

Robert A. Laurence

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

Wm. A. Beck

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

1/15/52 - One copy of report to Contract Administration and one copy to Non-Metallics Minls. Div.

FINAL
F. T. Rpt.

12/19/51
JHB

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1 1951

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT

On
Chalk Mountain Mine
DMA-1390X, Idn-E 74, Ernest Mica Co., Inc.
Spruce Pine, Mitchell County, N. C.

By

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

*

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

December 12, 1951

FINAL REPORT

Chalk Mountain Mine
DMA-1390X, Idm-E 74-Ernest Mica Co., Inc.
Spruce Pine, Mitchell County, N.C.

Exploration at this mine was completed in September 1951. The openings made during the prospecting are located north and in a saddle along the west side of Chalk Mountain, about two miles southwest of Spruce Pine.

The northern trench, about 100 feet long, was dug in the bottom of an existing open cut. Mica had been obtained from this cut during World War I. The new opening exposes coarse pegmatitic granite with a few schist inclusions. Green colored mica, up to six inches in diameter occurs adjacent to the schist. In addition to the green color, the mica contains "A" structure and is stained to pattern. No strategic mica occurs at this opening.

Three connecting trenches with a total length of about 200 feet, were cut in and near the saddle. Coarse pegmatitic granite is exposed in all the trenches, but no sheet mica was found.

Exploration of this deposit has failed to discover the presence of a worthwhile deposit of strategic mica.

A. L. Peyton, USBM

K. H. Teague, USGS

December 12, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1 1951

November 26, 1951

To: United States Department of the Interior
Defense Minerals Administration
Room 13, Post Office Building
Knoxville, Tennessee

Re: Report of Findings
Exploration Contract
Docket No. DMA-1390X-Idm-E74
Earnest Crowder, President

We cut approximately four hundred (400) feet of trenches, averaging from four (4) to fifteen (15) feet deep.

In the trench on top of the ridge we cut in pegmatite almost all the way, but found scarcely any mica, and none of a strategic grade. We also sank a test pit there, and found that the pegmatite went on down but carried very little mica, and what we found was a low grade of green mica. This trench across the top of the ridge was approximately seven (7) feet deep.

In the trench at the bottom of the hill we cut down into very old works into a tunnel that had been run in pegmatite all the way, and found some green mica in this. We also tried to clean out the old tunnel, and after going up in it almost twelve (12) feet, we ran into an old shaft which had been sunk from the surface, and extended on below the bottom of the tunnel. The tunnel and shaft were both filled up with old waste, and there was quite a bit of water making it very difficult to handle. We found some green mica in both the tunnel and shaft, but it was of a low grade.

I believe that there is a large deposit of green mica in or near the bottom of this old shaft, but the grade is low.

ERNEST MICA COMPANY, INC.

Ernest Crowder

Ernest Crowder
President

C
O
P
Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Adm.

Room 13 Post Office Bldg.
Knoxville, Tenn

December 5, 1951

Memorandum

To: C. C. Mittendorf, Acting Administrator DMEA

From: Robert A. Laurence, Executive Officer DMEA, Region VII

Subject: Terminated or completed contracts in Region VII

Below is a list of Exploration Contracts terminated or completed to date in Region VII, with the balances of Government's portions that were unused:

DMA-176, Idm-E 83 - L. W. King, MD; Cecil K. Scott and Lowell King.
Balance $1549.40

DMA-1140X, Idm-E 87 - Pitt Mica Corporation
Balance $ 580.50

DMA-1390X, Idm-E 74 - Ernest Mica Company, Inc.
Balance $ 206.21

DMA-1517X, Idm-E121 - Lawrence S. Penland
No balance

DMA-1664X, Idm-E 78 - Harold E. Enloe
Balance $ 338.81

DMA-1679X, Idm-E 13 - Harold E. Enloe
Balance $1663.20

*DMA-1680X, Idm-E145 - Joseph H. Ledbetter
Balance $2430.00

DMA-1720X, Idm-E125 - E. H. Zachary
Balance $1369.36

DMA-1732X, Idm-E134 - F. A. Judson
Balance $ 682.56

* Mr. Ledbetter wrote to Washington requesting that the contract be cancelled as he did not wish to diamond drill.

(signed) Robert A. Laurence
Robert A. Laurence
Executive Officer DMEA
Region VII

My dear Senator Mosy:

I am pleased to report to you that the Defense Minerals Administration of this Department has recently entered into a contract with the Ernest Mica Company, Inc., operating in your state for the exploration of possible sources of mica.

The contract provides that the Government will participate in the expense of this work up to 90% of the cost thereof.

This type of assistance is provided for under Section 303 of the Defense Production Act.

The Defense Minerals Administration will be glad to furnish you any further details you may desire regarding the matter.

Sincerely yours,

Secretary of the Interior

Hon. Clyde Reark Mosy
United States Senate
Washington 25, D. C.

FLKnouse/bjs
Written 7/27/51
cc to: Messrs. Secy's Reading File
Adm's Reading File
Mittendorf-Olund ✓
Knouse
Reports and Records
Docket copy
Chron. copy

Identical letter to: Senator Willis Smith
Rep. H. C. Jones

FILE COPY
410
SURNAME:

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

7-26
CEO
Mittendorf

July 20, 1951

Mr. Ernest Crowder
President
Ernest Mica Company, Inc.
Spruce Pine, North Carolina

Re: Docket No. DMA-1390-X - Idm-E74
Ernest Mica Company, Inc.
Exploration Contract

Dear Mr. Crowder:

We are enclosing one signed and approved copy of Exploration Contract No. DMA-1390-X - Idm-E74, together with five copies of Form MF-104 monthly report and one copy of Int. 3337 "Questions and Answers on the Mineral Exploration Program." Four copies of Form MF-104 are to be completed monthly and transmitted to the office of Executive Director, Region VII, Room 13, Post Office Building, Knoxville, Tennessee. Additional copies of Form MF-104 may be obtained from the office of Region VII.

Sincerely yours,

C. O. Mittendorf JBE 7/27

C. O. Mittendorf, Director
Production Expansion Division

FLKnouse/ecl

cc to: Admr's. Reading File
Messrs. Mittendorf - Olund
Barr
Norton
R. Laurence, Reg. VII
Knouse
F I L E S

FILE COPY
SURNAME:

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

July 20, 1951

AIR MAIL

Mr. Robert Laurence
Executive Director
DMA Field Team, Region VII
Room 13
Post Office Building
Knoxville, Tennessee

Re: Docket No. DMA-1390-X - Idm-E74
Ernest Mica Company, Inc.
Exploration Project Contract

Dear Mr. Laurence:

We are enclosing one signed and approved copy of Exploration Contract No. DMA-1390-X - Idm-E74, Ernest Mica Company, Inc., c/o Ernest Crowder, Spruce Pine, North Carolina. A copy of this contract will be forwarded to the Region Finance Officer by the Washington Finance Officer together with their accounting instructions.

Sincerely yours,

C. O. Mittendorf JBS 7/27

C. O. Mittendorf, Director
Production Expansion Division

Enclosure (1)

FLKnouse/ecl

cc to: Admr's. Reading File
Messrs. Mittendorf - Olund
Barr
Norton
Miss Terry
Knouse
F I L E S

FILE COPY
SURNAME:

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

7.2.k.
C.O. Mittendorf

July 20, 1951

a.E.l.

Mr. Frank McAtee, Jr.
Contract Service Section
General Accounting Office
4th Floor - New GAO Building
Washington 25, D. C.

Re: Docket No. DMA-1390-X
Ernest Mica Company, Inc.
Exploration Project Contract
No. Idm-E74

Dear Mr. McAtee:

Enclosed for recording in your office is the original of an executed Exploration Project Contract between the Operator named in the above reference and the Government of the United States.

Sincerely yours,

C. O. Mittendorf JBS 7/27

C. O. Mittendorf, Director
Production Expansion Division

Enclosure (1)

FLKnouse/ecl

cc to: Admr's. Reading File
Messrs. Mittendorf - Olund
Barr
Norton
R. Laurence, Reg. VII
Knouse
F I L E S

FILE COPY
SURNAME:

Koontz

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

July 17, 1951

Memorandum

To: Chief, Production Expansion Division

From: General Counsel

Subject: Ernest Jica Company, Inc., exploration contract -- Docket No. DMA-1390-X

This office has reviewed the proposed contract in the above case and finds it to be in satisfactory form for execution and dating.

Your file in this case is returned.

J. L. Hofflund

J. L. Hofflund
General Counsel

Attachment

CJKoontz/ema

Copy to: L. F. Strobel
C. J. Koontz
J. L. Hofflund
Chron.
Files

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

FILE COPY
SURNAME:

Barr
Lyons

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

July 2, 1951

Memorandum

To: Mr. James A. Barr, Jr.

From: Mr. A.L. Larsen

Subject: Docket D A-1394; Mica
Ernest Mica Co., Inc.
c/o Ernest Crowder
Spruce Pine, N.C.

The prospecting available supply of mica is far short of meeting defense requirements. Consequently, it is highly desirable that exploration for new domestic deposits be stimulated and reasonable Government assistance to private interests. [illegible] project that holds promise of finding [illegible] new reserves, merits consideration [illegible] minerals [illegible].

A.L. Larsen
Assistant Director
Supply Division

Copies

cc: Mr. [illegible]
Mr. [illegible]
Mr. [illegible]
Mr. [illegible]
Mr. [illegible]
Mr. [illegible]

MAYLAND MOTOR COMPANY

TELEPHONE 29

PONTIAC CARS ★ INTERNATIONAL TRUCKS ★ FARMALL TRACTORS ★ POWER UNITS ★ FA... MACHINERY ★ ACCESSORIES

1 m 90 7

SPRUCE PINE, NORTH CAROLINA

June 26, 1951

Mr. Ernest Crowder, President
Ernest Mica Co., Inc.
Spruce Pine, North Carolina

Dear Mr. Crowder:

This is to commit this company to do any diamond core drilling for you that might be required or suggested by the Defense Minerals Administration on th e property for which you are seeking an exploration loan. The maximun charge per foot of depth will not be greater than $4.76.

Mayland Motor Company
E A Ellis
E.A.Ellis,Pres.

June 18, 1951

Mr. Robert Laurence
Room 13, Post Office Bldg.
Knoxville, Tennessee

Subject: DMA-1388X DMA-1390X
DMA-1389X DMA-1391X

Dear Mr. Laurence:

Amendments to subject application have been filed by Washington representative of said applicants. Copies of amendments are attached for your information, and to attach to files previously transmitted. The amendments do not appear to necessitate change in instructions to Field Team.

Very truly yours,

James A. Barr, Sr., Chief
Industrial Minerals Branch

JAB:dak

cc: Mr. Strobel
Mr. Barr
Files

C. BRASWELL COLLINS
ATTORNEY AT LAW
THE ARLINGTON BUILDING
1025 VERMONT AVENUE, N. W.
WASHINGTON 5, D. C.

NATIONAL 7808

June 14, 1951

1B 90-7

Mr. James A. Barr, Sr.
Chief, Industrial Minerals
Branch, DMA
Department of Interior
Washington 25, D. C.

Re: Ernest Mica Co., Inc.

Attention Mr. Wasky:

Please attach the enclosed copy of Certificate of Appointment of executor to the lease set forth as Exhibit "D" in the Ernest Mica Co., Inc. application.

It is respectfully requested that all communications concerning this application be addressed to this office.

Sincerely yours,

C. Braswell Collins

C. Braswell Collins

CBC:EBN

Enclosure

C O P Y

No. 75--LETTERS TESTAMENTARY--Printed and for sale by Edwards & Broughton Printing Co., Raleigh, N. C.

NORTH CAROLINA)
) In The Superior Court.
Mitchell County)

THE STATE OF NORTH CAROLINA

TO ALL TO WHOM THESE PRESENTS SHALL COME--GREETING:

IT BEING SATISFACTORILY PROVEN TO THE UNDERSIGNED, Clerk of the Superior Court of Mitchell County, that S. L. PHILLIPS late of said County, is dead, having made a last WILL AND TESTAMENT, which has been admitted to Probate (a true copy whereof is hereunto annexed), and FLETCHER PHILLIPS the Executor named therein having qualified as such according to law:

NOW THESE ARE THEREFORE TO EMPOWER the said Executor to enter in and upon all and singular the goods and chattels, the rights and credits of the said deceased, and the same to take into possession wheresoever to be found, and all the just debts of the said deceased to pay and satisfy, and the residue of said estate to distribute according to the directions of said Will.

WITNESS, My hand and the seal of said Court, this 1st day of July, 1947.

/s/ J. H. McKinney
Clerk of the Superior Court.

Every executor, administrator and collector, within three months after his qualification, shall return to the clerk on oath, a just, true and perfect inventory of all the real estate, goods and chattels of the deceased, which have come to his hands, or to the hands of any person for him which inventory shall be signed by him and be recorded by the Clerk. He shall also return tothe Clerk, on oath, within three months after each sale made by him, a full and itemized account thereof, which shall be signed by him and recorded by the Clerk.--Revisal of 1905, section 42

Every executor, administrator and collector shall, within twelve months from the date of his qualification or appointment, and annually so long as any of the estate remains in his control, file, in the office of the Clerk of the Superior Court, an inventory and account, under oath, of the amount of property received by him, or invested by him, and the manner and nature of such investment, and his receipts and disbursements for the past year in the form of debit and credit. He must produce vouchers for all payments. The Clerk may examine, on oath, such accounting party, or any other person, concerning the receipts, disbursements, of any other matters relating to the estate; and having carefully revised and audited such account, if he approve the same, he must endorse his approval thereon, which shall be deemed prima facie evidence of correctness.--Revisal of 1905, section 99.

Barr

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 9 - 1951
LAWSON F. STROBEL
Executive Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR

OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMA-1390X, Chalk Mountain Mine, Ernest Mica Co. Inc.,
Spruce Pine, North Carolina

On-site Exam Rep.

By

Kefton H. Teague
U. S. Geological Survey

L. G. Marshall
U. S. Bureau of Mines

JUL 6 1951

Report on the Field Examination of Chalk Mountain Mine,
Ernest Mica Co. Inc., Spruce Pine, N.C. located
2.5 miles south - west of Spruce Pine.

DMA-1390 X

This deposit occurs near a low gap in a westward-trending spur of Chalk Mountain, extending 200 yards north and 500 yards south of the gap. Openings on the property consist of numerous slumped open cuts, pits and trenches, and on the south side of the spur several accessible and inaccessible drifts.

The deposit has been mined at various intervals since about 1900. Henry Pettit and Stephen Collis were the main operators.

During or shortly after World War II, some mica was produced from the southern end of the deposit (Branch Mine) in Autrey Hollow, otherwise there was no production during this interval.

Principal rock exposures in the immediate vicinity of the deposits consist of weathered alaskite and migmatite with occasional pegmatites. The pegmatite contacts appear to be graditional into the alaskite and migmatite. Pegmatites exposed in accessible drifts usually contain quartz cores and it is adjacent to these cores that the sheet mica-bearing zones occur.

The mica examined on the property is mostly light green to white in color, flat, slightly stained, and somewhat cracked. It is reported that most of the mica produced by former operations on the property occurred in large books; however, cracks limited the size of the trimmed sheet.

It is recommended that, in order to expose the pegmatite so that more detailed information regarding the size and mineral composition of the pegmatite- especially quality and abundance of book mica contained, three crosscutting bulldozer trenches be made in the pegmatite. These cuts should be approximately 50 feet long and 6-10 feet deep. trending in a general east-west direction normal to the pegmatite zone. One trench should be made in or near the gap, one north of the gap midway between it and a large slumped open cut, and the other 150 yards south of the gap.

It is estimated that this trenching will require approximately 10 days at $100 per day or $1000. Should the trenches expose promising sheet micazones, it is suggested that $300 be spent in exploring these zones by shallow test pits (not to exceed 6 feet in depth), thus total estimated cost of exploring the deposit is $1300.

Summary of recommendations:

Three bulldozer cuts 50' x 6'-10'

10 test pits 6' deep

Costs:

Bulldozer 10 days @ $100 per day	$1,000
10 pits @ $20 per pit	200
Misc. supplies and supervision	100
	$1,300

Labor Requirements:

2 laborers @ $1.25 per hour (for pits)

MEMORANDUM:

To: Director, Production Expansion Division
Defense Minerals Administration

From: Director, Supply Division
Defense Minerals Administration

Subject: Recommendation for Contract Approval

Name of Applicant: Ernest Mica Company, Inc.
c/o Ernest Crowder
Spruce Pine, North Carolina

DMA No. 1390X

Commodity: Mica

Amount Requested: $11,693

Amount Approved: $1,300

Government Participation: 90% $1,170

Tom Lyon

Tom Lyon

Recommendation:

That an exploration aid contract be granted in the amount of $1,300, Government participation 90% in accordance with attached Exhibits.

Exhibit "A"

Work will consist of bulldozer trenching across the strike of the pegmatite and subsequent shallow test pitting and sampling in the bottom of the trench. A total of 100' to 200' of trenches will be excavated to a depth of about 6' and width of 6' to 12' depending on blade available. Individual trenches will be 15' to 35' long. Location and direction of trenches will be mutually agreeable to operator and Field Team member.

Shallow test pits will be dug in the trench bottom for sampling.

Exhibit "B"

Not applicable.

Exhibit "C"

Rental of bulldozer with fuel, operator, etc., 87 hrs. at $10.00 hr.	$ 870
Miscellaneous hand tools, purchase	$ 50

Exhibit "D"

1. Engineer Supt. part-time $20.00 day	$ 60
1. Working Foreman $12.00 day	120
2. Laborers $10.00 day	200
	$ 380
	$1,300

Note: Considerable latitude should be allowed operator should he find it desirable to alter the distribution of expenditures between labor and bulldozing as long as the total of $1,300 is not excluded.

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1390X

Commodity Mica

Total Amount $11,693

Govt. Participation 90%

1. Name and Address of Applicant Ernest Mica Co. Inc.
7 Ernest Crowder, Spruce Pine, No Carolina

2. Location of Property 2½ mi NW of Spruce Pine N. Car.
(Dogwood Flat, Chalk Mtn.

3. Mineral or metal mica Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery -- based on data in application (question #16, 17, 18, 20 and 22).*

Mines or Survey reports, etc., do you rate chances:

a) Good
b) Poor
c) None

Project poorly described as to geology. No file data available. Their exploration project is too elaborate - sounds like a scrap mica enterprise as much as a strategic mica exploration. I think their exploration is too much of a 'blanket' enterprise.

JAH 6/11/51

d) Don't know --- needs field examination Yes-

e) Is there an alternative and favorable project? _____
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)

6. If applicant is a lessee, is a copy of the lease attached? Yes

Does the lease have sufficient time to run to cover a future productive period? 5 yrs Yes

*Question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201?

b) MF-202 included - OK.

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies
(question 14 plus general knowledge of availability)

c) Accessibility (question 12) 2¼ mi. ~~NW~~ S.W. Spruce Ave, Hard surface highway - firm from hwy to mine

d) Water (question 13) None on property but can be obtained nearby

e) Power (question 13) none available. No statement of requirements

Is a field check needed on any of these points?

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4) Yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)

a) Is the project adequately described? Yes

If not, are there sufficient data given so that you can describe the project? ——— If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? None attached

c) Is the proposed work "exploration" under the definition of Section 8, MD-5? Yes, but size of trenches appears to be to too large for economical work

If not, what part of it is?

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? No — merely page schedule

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable?

f) Should more information be requested from applicant? Yes - to find geologic basis for these elaborate 1000' x 50' deep lines JAR

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-a)

a) Is it applicable? Yes

b) If so, are sufficient data furnished? Yes If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? no

13. Exhibit D (question 23-a, b)

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? probably need additional time

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? No

14. Exhibit E (question 23-e)

a) Is it applicable? No. no buildings or facilities on project

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? —

15. In your judgment, can the proposed work be done in the proposed time? Yes – trenches will probably not go to salt as planned

(All exploration must be completed within two years.)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing questions? Check the advisability of the large bulldozer trenches + the possibility of some other method of testing this area

Try to work out with applicant basis for a simpler revised program – See 1388-x, 1389-x & 1391-x in connection all from same group – RMS

Reviewed by: Roswell M Beauty
Bof M

Date 6/12/57

6/7/57

Docket No. DMA 1390 X

Sect. 11 Exhibit B.

b). Only tool shed, $200.00, proposed. Will be needed & this cost reasonable

Sect 12 Exhibit C

b) The only item to be purchased or rented is a bulldozer which is to be rented at $85.00 per day. It is assumed that this is inclusive of the operator & if so the rate is reasonable

Sect 13. Exhibit D.

b) Only 2 muckers & 1 supervisor are listed (bulldozer operator is included with rental of machine) which will probably not be sufficient. However the work should be completed within the time estimated

Sect. 16 Recommendations.

The exploration work proposed in this application appears rather large scale, trenches 1000 ft. long & 50 ft. deep are large excavations & unless mica occurs in this weathered overburden there will still be further excavation needed in the underlying rock, probably pegmatite which cannot be done by ~~dragline~~ bulldozer. If mica is found in the trenches it will probably be of scrap quality — strategic plate or sheet will probably not be found in weathered material suitable for bulldozer excavation.

The application should be referred to the field for an opinion on its probable value & whether some other method of exploration would not be preferable. It is not thought that such excavations are justifiable.

RMG

FILE COPY
SURNAME:

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

June 14, 1951

Mr. Ernest Crowder
Ernest Mica Company, Inc.
Spruce Pine, North Carolina

Subject: DMA-1390X
Re: Exploration Loan - Collis

My dear Mr. Crowder:

Receipt is acknowledged of your application and attachments for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1390X and referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on June 1, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1390X.

Sincerely yours,

LANDON F. STROBEL

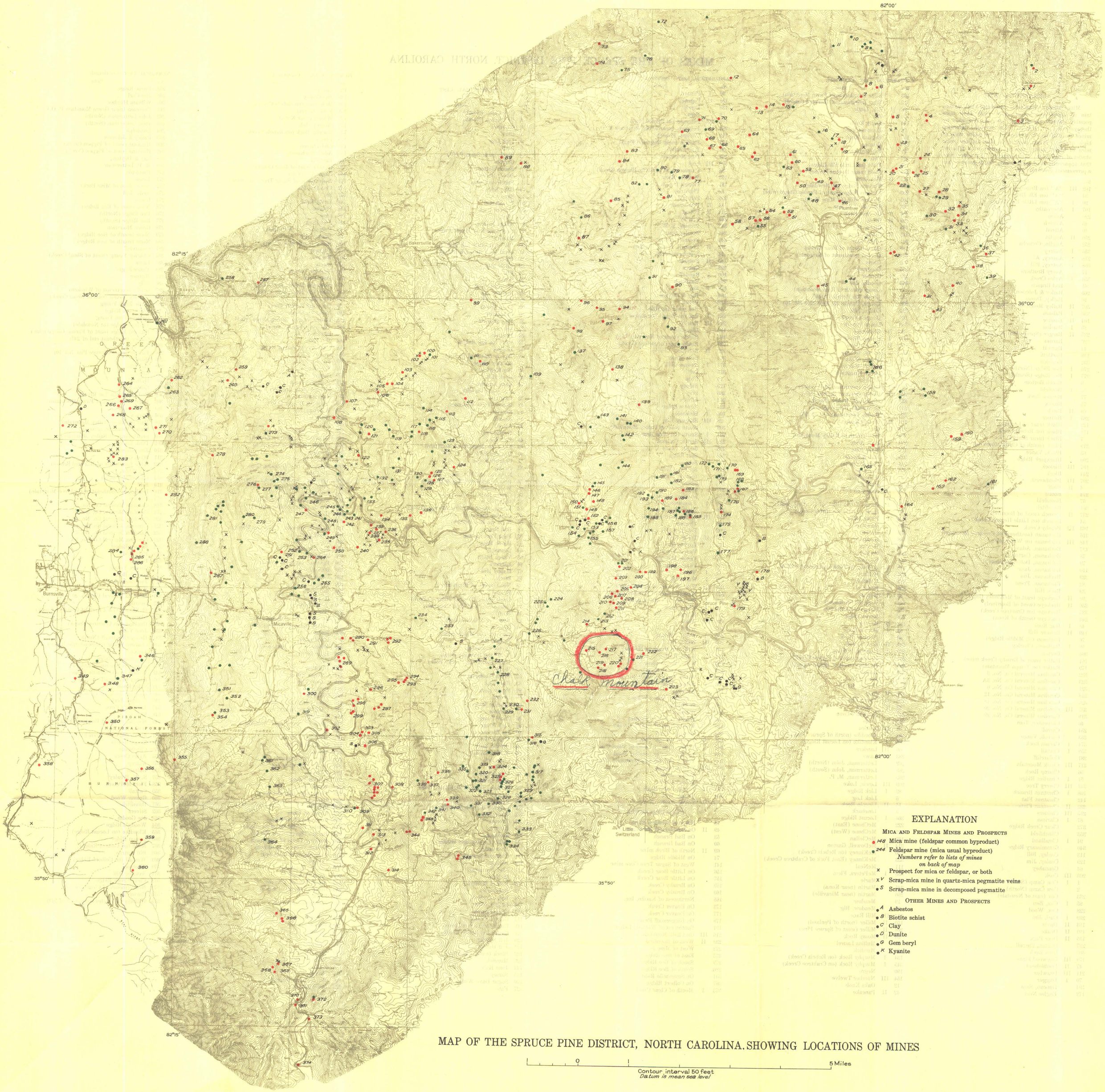
Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
✓File
Barr
Lyon

DMA 1390

856

Exhibit "D"



MAP OF THE SPRUCE PINE DISTRICT, NORTH CAROLINA, SHOWING LOCATIONS OF MINES

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 21 1951
LANDON F. STROBEL
Executive Secretary

MINES OF THE SPRUCE PINE DISTRICT, NORTH CAROLINA

ALPHABETICAL LIST

Mines whose production is considered likely to contain an appreciable proportion of clear sheet mica possibly suitable for strategic uses are indicated by the symbols I, II, and III. The symbol I indicates mines most of which produce ruby or white mica of high quality. Mines marked II also produce some mica of high quality, though mostly with different shades of rum color. Mines marked III produce mica that apparently is of good quality but is green or has a pronounced greenish cast.

No.		Name
162	III	"A" (on Brushy Creek)
34		"A" (on Elk Ridge)
20	I	"A" (on Little Elk Ridge)
107	I	Abernathy
220		Adam
45		Aldrich
46		Alfred
250	II	Anglin
252		Anglin, Cornelia
355	I	Autrey
218		Autrey, Al
368	I	Autrey, Bill
17		Avery Brothers
354	I	Ayles Creek
61		Bad Branch
265		Bailey & Johnson
10		Bailey, Dover
307	II	Bailey Mountain (group)
356	I	Balsam
104	II	Banner
85	I	Bardon
235	II	Barger (Spruce Pine No. 21)
326		Barnes
44		Barrett
138		Bartlett
332		Bearden
276	I	Bee Ridge (North)
277	I	Bee Ridge (South)
9		Beech Bottom
33	I	Benfield
77		Bergen Rock
75		Biddix
68	II	Birch
285	I	Bittner
122		Black (east of Lunday)
118		Black (on Rebels Creek)
7		Black (near Senia P. O.)
219		Black (south of Chalk Mountain)
65		Black, Vance
290		Blackjack Ridge
197	III	Blalock
244		Block
207	III	Bloodworth
4	II	Bluff
274		Boone
57		Boonfield
361		Bowditch
237	II	Branch (west of Boonford)
54		Branch (on Little Henson Creek)
163	III	Brushy Creek
316		Buchanan (southeast of Crabtree Mountain)
148	III	Buchanan (or Waterhole)
137		Buchanan, Adam
78		Buchanan, Carter
79		Buchanan, Dobie and Russ
110		Buchanan, Jake
329		Buchanan, Jim
82		Buchanan, Press
39		Buck Hill
98	II	Buckeye (east of McKinney Gap)
236	II	Buckeye (west of Boonford)
335		Buckeye (on Crabtree Creek)
243		Buckeye (south of Kona)
48	I	Bug Rock
149	II	Bunker Hill
76		Burleson (on Middle Ridge)
59	I	Burleson, Charley
305		Burton
161		Butler (east of Brushy Creek mine)
179		Butler (on Tempa Mountain)
322		Carolina Mineral Co. No. 3
323		Carolina Mineral Co. No. 3A
321		Carolina Mineral Co. No. 6
318		Carolina Mineral Co. No. 12
320		Carolina Mineral Co. No. 18
331	III	Carolina Mineral Co. No. 20
319		Carolina Mineral Co. No. 29
40		Carpenter, Tom
254		Carroll
253		Carroll, Vance
374	I	Carson Rock
359	I	Cattail
281		Cedarcliff
217	III	Chalk Mountain
56		Champ Rock
51	I	Charlies Ridge
213	III	Cherry Tree
108	I	Chestnut Branch
142		Chestnut Flat
232	II	Chestnut Flats
215	III	Childers
87	I	Clarissa
372		Clear Creek Ridge
353		Clinchfield
94	I	Cloudland
340		Commissary Ridge
113		Conley, Bill
129		Conley, Jim
64		Connahey
203	III	Cook
1	I	Cow Camp (South)
2		Cow Camp (North)
233		Cox (east of Newdale)
95	I	Cox, Ben
228		Cox, Wood
259	I	Curl, Jim
153	II	Davis
199	II	Deake
155	II	Deer Park
257		Deyton, Carroll
309		Dink Rock
170	III	Dogwood Flats
47	II	Doublehead
211	III	Drawbar
70	I	Dugger
194		Duncan, Sam
172		Eagles Nest

ALPHABETICAL LIST—Continued.

No.		Name
303		Edge (southwest of Fawn Mountain)
312		Edge (northeast of Harvard School)
23	I	Elk, Little
24	I	Elk
144		Emily Knob
26		Emmons Knob
167		English Knob
226		Estatoe
27		Fall Branch
127		Fate
21		Field (on Little Elk Ridge)
229		Field (near Hootowl mine)
147	II	Flat Rock
292		Flukens Ridge (at Newdale)
293		Flukens Ridge (east of Fannie Gouge mine)
101	I	Flukens Hill (on Mine Fork)
62		Four Foot Square
346	I	Georges Fork
299	II	Gibbs
313	I	Gibbs, Big
311	II	Gibbs, Myra
301		Gibbs Spar
139	I	Gimbel (east of Bear Creek)
234		Gimbel (northeast of Newdale)
334		Glenn
255		Googrock
231	I	Gopher
363		Goodin, Joe
72		Gouge (south of Bald Mountain)
119		Gouge (on Rebels Creek)
296		Gouge, Fannie (Spruce Pine No. 10)
310		Gouge, Jim
169		Gouge's Creek
352		Grape Hollow
30	II	Grapevine
360	I	Grassy Wood
97	II	Green, Dave
117		Green, George
136		Green, Gibbs
91		Green, Marvin
278	I	Green Mountain
8		Gribble
287	I	Griffin (northeast of Windom)
205	III	Griffin (west of Spruce Pine)
337		Grindstaff, Henry (North)
343		Grindstaff, Henry (South)
294		Gurley (northeast end of 293)
166	III	Gusher Knob
210	III	Guy
306		Hall (north of Bailey Mountain)
273	I	Hall, Andy
124		Hall, John
328		Hall & Boone
248		Hall & Presley
270		Hampton
67		Happy Hill
317		Harlan
83	II	Haw Flat
81	II	Hawk
71	I	Hawk, Little (head of Henson Creek)
80		Hawk, Little (on Hawk Creek)
63	I	Hawk Ruby
189		Hawkins
239	II	Hector
158		Hempile
175		Henline
201		Hickey
251		Higgins
375	I	Hillbilly (5.7 miles southwest of 374)
300	I	Hilliard
325		Hollifield
230		Hootowl
35	I	Hoppey
224		Hoppus (Northeast)
225		Hoppus (Southwest)
258		Horse Ridge
152	II	Horton
92	I	Horton Rock
50		Houston Rock
121	II	Howell, Jeff
260	I	Hughes, William
267		Huskins (east of Pigpen Creek)
266		Huskins (west of Pigpen Creek)
339		James
131		Jarrett, F. G.
114		Jarrett, Ralph
146	II	Jase
186	II	Jimmy Cut
32	I	Johnson
347		Johnson's Cove
271		Jones
52	II	Justice
184		Klondike (north of Spruce Pine)
365	I	Klondike (on Locust Ridge)
66	II	Landers
283	I	Laws
262		Letterman, John (North)
263		Letterman, John (South)
269		Letterman, M. P.
209	III	Lewis, Luke
89	I	Lick Ridge
5		Lick Log
15	II	Lincoln Rock
3		Lineback
366	I	Locust Ridge
222		McChone (East)
221		McChone (West)
183		McClellan
314	II	McDowell, Gaston
130		McKinney (on Rebels Creek)
333		McKinney (East Fork of Crabtree Creek)
111		McNeal
358	I	McPeters, Flem
16		Marie
245		Martin (near Kona)
256		Martin (near Micaville)
19		Meadow
38		Meadow, Big
164	III	Mill Race
150	II	Miller (north of Penland)
208	II	Miller (west of Spruce Pine)
84	II	Mossy Rock
93		Mullins Laurel
123		Murdick
134	I	Murphy Rock (on Rebels Creek)
345	I	Murphy Rock (on Crabtree Creek)
190		Negro
154	III	Number Twelve
12		Oaks Knob
42	II	Pancake

ALPHABETICAL LIST—Continued.

No.		Name
99	I	Pannel
151	II	Pegram
135		Perrin
6		Peru
196	III	Peterson (at Spruce Pine)
261		Peterson (near Green Mountain P. O.)
112		Phillips, Robert
171		Phillips (near Dogwood Flats)
31		Pine Branch
192		Pine Mountain
176	III	Pink
58	I	Pitman (head of Little Henson Creek)
193		Pitman, Mary
181		Pitman Rough
22		Plumtree
298	II	Poll Hill
14	II	Powdermill
214	II	Poteat
249	I	Presley
357	I	Presley, S. W.
246		Presley Spar
241		Presnell, Amos
242	II	Presnell, Amos, Flukens
11		Puncheon Camp
145	II	Putman
223		Queen
100	I	Randall
264		Randolph
348	I	Ray
268		Ray & Deyton
128		Rebel
41		Red (near Ingalls)
302	I	Red (on South Toe River)
206	III	Renfro
195		Richards
182		Riddle (west of Howston Gap)
187		Riddle (east of Sullins Creek)
240	II	Robinson, Charles
344		Sally Knob
371	I	Sawnee Hill
315		Self
13		Shop
125		Sidney
286		Silly
362		Silvers
324		Silvers Ridge
105	I	Sinkhole
28	III	Slippery Elm
308		Smith (east of Bailey Mountain)
351	I	Smith (on Cane Branch)
212	III	Smith, Calhoun
198		Smith, Lissie
168		Soft Ridge
143		Sol
116		Sparks, Clyde
120		Sparks, Jeff
295		Speck
297		Spider
86		Stamey, Charley
90	I	Stevenson, Joe
140		Sugar Tree Cove
185	III	Sullins Rock (group)
103		Thomas
202		Tolley, F. M.
247	II	Tolley Bend
133		Tommy Hole
29		Vance, Freel
37		Vance, Matilda
284		Vance Sugar
73	I	Ward
102	I	Waterhole
204	III	Westall (west of Spruce Pine)
349		Westall (west of Bowlens Creek)
369	I	Westall (on Colbert Ridge)
25	I	White Rock
370	I	Whitson
330	III	Wildcat
109		Williams
350	I	Willie's Shanty
200	III	Willis, Bill
106		Willis (in Bandana Hollow)
115		Willis, Luther
126		Willis, Sugar Dave
132		Wilson (near Kona)
342		Wilson (on Sevenmile Ridge)
96	I	Wilson, Milt
174		Wiseman
43		Wiseman, Honey Waits
55	I	Wolf Ridge
180		Wolfden
36		Woody (north of Pyatte)
188		Woody (east of Sullins Creek)
364		Woody's Ridge
291	II	Young, Boomer Tom
282	I	Young, Charley (west of Shoal Creek)
288	I	Young, Charley (east of Shoal Creek)
338		Young, Charley (on Sevenmile Ridge)
327	III	Young, George
336		Young, Josh
227		Young, Landon
289	II	Young, Little Zeph
304		Young, Wilt
88	II	Young, Zach

UNNAMED MINES

18		North of Meadow mine
49	II	On Doublehead Mountain
53		On Bad Branch
60		On Bad Branch
69	II	North of Birch mine
74		On Middle Ridge
141		West of Sugar Tree Cove mine
156		On Little Bear Creek
157		On Little Bear Creek
159		On Brushy Creek
160		On Brushy Creek
165		Northwest of Kaolin, Inc.
173		On Beaver Creek
177		On Beaver Creek
178		On Biggerstaff Branch
191		Southwest of Wolfden Ridge
216	III	On Chalk Mountain
238	II	West of Boonford
272		West of Mine Fork
275		East of Bee Ridge
279		South of Bee Ridge
280		South of Bee Ridge
341		On Sevenmile Ridge
367		On Colbert Ridge
373	I	Mouth of Clear Creek

NUMERICAL LIST

No.	Name
1	Cow Camp (South)
2	Cow Camp (North)
3	Lineback
4	Bluff
5	Lick Log
6	Peru
7	Black (near Senia P. O.)
8	Gribble
9	Beech Bottom
10	Dover Bailey
11	Puncheon Camp
12	Oaks Knob
13	Shop
14	Powdermill
15	Lincoln Rock
16	Marie
17	Avery Brothers
18	None (north of Meadow mine)
19	Meadow
20	"A" (on Little Elk Ridge)
21	Field (on Little Elk Ridge)
22	Plumtree
23	Little Elk
24	Elk
25	White Rock
26	Emmons Knob
27	Fall Branch
28	Slippery Elm
29	Freel Vance
30	Grapevine
31	Pine Branch
32	Johnson
33	Benfield
34	"A" (on Elk Ridge)
35	Hoppey
36	Woody (north of Pyatte)
37	Matilda Vance
38	Big Meadow
39	Buck Hill
40	Tom Carpenter
41	Red (near Ingalls)
42	Pancake
43	Honey Waits Wiseman
44	Barrett
45	Aldrich
46	Alfred
47	Doublehead
48	Bug Rock
49	None (on Doublehead Mountain)
50	Houston Rock
51	Charlies Ridge
52	Justice
53	None (on Bad Branch)
54	Branch (on Little Henson Creek)
55	Wolf Ridge
56	Champ Rock
57	Boonfield
58	Pitman (head of Little Henson Creek)
59	Charley Burleson
60	None (on Bad Branch)
61	Bad Branch
62	Four Foot Square
63	Hawk Ruby
64	Connahey
65	Vance Black
66	Landers
67	Happy Hill
68	Birch
69	None (north of Birch mine)
70	Dugger
71	Little Hawk (head of Henson Creek)
72	Gouge (south of Bald Mountain)
73	Ward
74	None (on Middle Ridge)
75	Biddix
76	Burleson (on Middle Ridge)
77	Bergen Rock
78	Carter Buchanan
79	Dobie and Russ Buchanan
80	Little Hawk (on Hawk Creek)
81	Hawk
82	Press Buchanan
83	Haw Flat
84	Mossy Rock
85	Bardon
86	Charley Stamey
87	Clarissa
88	Zach Young
89	Lick Ridge
90	Joe Stevenson
91	Marvin Green
92	Horton Rock
93	Mullins Laurel
94	Cloudland
95	Ben Cox
96	Milt Wilson
97	Dave Green
98	Buckeye (east of McKinney Gap)
99	Pannel
100	Randall
101	Flukens Hill (on Mine Fork)
102	Waterhole
103	Thomas
104	Banner
105	Sinkhole
106	Willis (in Bandana Hollow)
107	Abernathy
108	Chestnut Branch
109	Williams
110	Jake Buchanan
111	McNeal
112	Robert Phillips
113	Bill Conley
114	Ralph Jarrett
115	Luther Willis
116	Clyde Sparks
117	George Green
118	Black (on Rebels Creek)
119	Gouge (on Rebels Creek)
120	Jeff Sparks
121	Jeff Howell
122	Black (east of Lunday)
123	Murdick
124	John Hall
125	Sidney
126	Sugar Dave Willis
127	Fate

NUMERICAL LIST—Continued.

No.	Name
128	Rebel
129	Jim Conley
130	McKinney (on Rebels Creek)
131	F. G. Jarrett
132	Wilson (near Kona)
133	Tommy Hole
134	Murphy Rock (on Rebels Creek)
135	Perrin
136	Gibbs Green
137	Adam Buchanan
138	Bartlett
139	Gimbel (east of Bear Creek)
140	Sugar Tree Cove
141	None (west of Sugar Tree Cove mine)
142	Chestnut Flat
143	Sol
144	Emily Knob
145	Putman
146	Jase
147	Flat Rock
148	Buchanan (or Waterhole)
149	Bunker Hill
150	Miller (north of Penland)
151	Pegram
152	Horton
153	Davis
154	Number Twelve
155	Deer Park
156	None (on Little Bear Creek)
157	None (on Little Bear Creek)
158	Hempile
159	None (on Brushy Creek)
160	None (on Brushy Creek)
161	Butler (east of Brushy Creek mine)
162	"A" (on Brushy Creek)
163	Brushy Creek
164	Mill Race
165	None (northwest of Kaolin, Inc.)
166	Gusher Knob
167	English Knob
168	Soft Ridge
169	Gouge's Creek
170	Dogwood Flats
171	Phillips (near Dogwood Flats)
172	Eagles Nest
173	None (on Beaver Creek)
174	Wiseman
175	Henline
176	Pink
177	None (on Beaver Creek)
178	None (on Biggerstaff Branch)
179	Butler (on Tempa Mountain)
180	Wolfden
181	Pitman Rough
182	Riddle (west of Howston Gap)
183	McClellan
184	Klondike (north of Spruce Pine)
185	Sullins Rock (group)
186	Jimmy Cut
187	Riddle (east of Sullins Creek)
188	Woody (east of Sullins Creek)
189	Hawkins
190	Negro
191	None (southwest of Wolfden Ridge)
192	Pine Mountain
193	Mary Pitman
194	Sam Duncan
195	Richards
196	Peterson (at Spruce Pine)
197	Blalock
198	Lissie Smith
199	Deake
200	Bill Willis
201	Hickey
202	F. M. Tolley
203	Cook
204	Westall (west of Spruce Pine)
205	Griffin (west of Spruce Pine)
206	Renfro
207	Bloodworth
208	Miller (west of Spruce Pine)
209	Luke Lewis
210	Guy
211	Drawbar
212	Calhoun Smith
213	Cherry Tree
214	Poteat
215	Childers
216	None (on Chalk Mountain)
217	Chalk Mountain
218	Al Autrey
219	Black (south of Chalk Mountain)
220	Adam
221	McChone (West)
222	McChone (East)
223	Queen
224	Hoppus (Northeast)
225	Hoppus (Southwest)
226	Estatoe
227	Landon Young
228	Wood Cox
229	Field (near Hootowl mine)
230	Hootowl
231	Gopher
232	Chestnut Flats
233	Cox (east of Newdale)
234	Gimbel (northeast of Newdale)
235	Barger (Spruce Pine No. 21)
236	Buckeye (west of Boonford)
237	Branch (west of Boonford)
238	None (west of Boonford)
239	Hector
240	Charles Robinson
241	Amos Presnell
242	Amos Presnell Flukens
243	Buckeye (south of Kona)
244	Block
245	Martin (near Kona)
246	Presley Spar
247	Tolley Bend
248	Hall & Presley
249	Presley
250	Anglin
251	Higgins
252	Cornelia Anglin
253	Vance Carroll
254	Carroll
255	Googrock
256	Martin (near Micaville)
257	Carroll Deyton

NUMERICAL LIST—Continued.

No.	Name
258	Horse Ridge
259	Jim Curl
260	William Hughes
261	Peterson (near Green Mountain P. O.)
262	John Letterman (North)
263	John Letterman (South)
264	Randolph
265	Bailey & Johnson
266	Huskins (west of Pigpen Creek)
267	Huskins (east of Pigpen Creek)
268	Ray & Deyton
269	M. P. Letterman
270	Hampton
271	Jones
272	None (west of Mine Fork)
273	Andy Hall
274	Boone
275	None (east of Bee Ridge)
276	Bee Ridge (North)
277	Bee Ridge (South)
278	Green Mountain
279	None (south of Bee Ridge)
280	None (south of Bee Ridge)
281	Cedarcliff
282	Charley Young (west of Shoal Creek)
283	Laws
284	Vance Sugar
285	Bittner
286	Silly
287	Griffin (northeast of Windom)
288	Charley Young (east of Shoal Creek)
289	Little Zeph Young
290	Blackjack Ridge
291	Boomer Tom Young
292	Flukens Ridge (at Newdale)
293	Flukens Ridge (east of Fannie Gouge mine)
294	Gurley (northeast end of 293)
295	Speck
296	Fannie Gouge (Spruce Pine No. 10)
297	Spider
298	Poll Hill
299	Gibbs
300	Hilliard
301	Gibbs Spar
302	Red (on South Toe River)
303	Edge (southwest of Fawn Mountain)
304	Wilt Young
305	Burton
306	Hall (north of Bailey Mountain)
307	Bailey Mountain (group)
308	Smith (east of Bailey Mountain)
309	Dink Rock
310	Jim Gouge
311	Myra Gibbs
312	Edge (northeast of Harvard School)
313	Big Gibbs
314	Gaston McDowell
315	Self
316	Buchanan (southeast of Crabtree Mountain)
317	Harlan
318	Carolina Mineral Co. No. 12
319	Carolina Mineral Co. No. 29
320	Carolina Mineral Co. No. 18
321	Carolina Mineral Co. No. 6
322	Carolina Mineral Co. No. 3
323	Carolina Mineral Co. No. 3A
324	Silvers Ridge
325	Hollifield
326	Barnes
327	George Young
328	Hall & Boone
329	Jim Buchanan
330	Wildcat
331	Carolina Mineral Co. No. 20
332	Bearden
333	McKinney (East Fork of Crabtree Creek)
334	Glenn
335	Buckeye (on Crabtree Creek)
336	Josh Young
337	Henry Grindstaff (North)
338	Charley Young (on Sevenmile Ridge)
339	James
340	Commissary Ridge
341	None (on Sevenmile Ridge)
342	Wilson (on Sevenmile Ridge)
343	Henry Grindstaff (South)
344	Sally Knob
345	Murphy Rock (on Crabtree Creek)
346	Georges Fork
347	Johnson's Cove
348	Ray
349	Westall (west of Bowlens Creek)
350	Willie's Shanty
351	Smith (on Cane Branch)
352	Grape Hollow
353	Clinchfield
354	Ayles Creek
355	Autrey
356	Balsam
357	S. W. Presley
358	Flem McPeters
359	Cattail
360	Grassy Wood
361	Bowditch
362	Silvers
363	Joe Goodin
364	Woody's Ridge
365	Klondike (on Locust Ridge)
366	Locust Ridge
367	None (on Colbert Ridge)
368	Bill Autrey
369	Westall (on Colbert Ridge)
370	Whitson
371	Sawnee Hill
372	Clear Creek Ridge
373	None (mouth of Clear Creek)
374	Carson Rock
375	Hillbilly (5.7 miles southwest of 374)