Docket Copy
Mica

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

It is agreed this 28th day of May, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and C. C. Burlson, Minneapolis, D.C.

, hereinafter called the "Operator," parties to that certain Exploration Project Contract I-dm-E 214, Docket No. DMEA-1955, dated 25 January 1952, that the said contract shall be and is hereby terminated as of the first date above written.

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

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

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

UNITED STATES OF AMERICA

By Robert A. Lawrence

Regional Mining, DMA Field Team
Region VII

(Operator)

C. C. Burlson

By C. C. Burlson

GS 6-26-52

18262-1

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 18 1952

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

It is agreed this _____ day of _____, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and _____

_____

_____

_____,

hereinafter called the "Operator," parties to that certain Exploration Project Contract I-dm-E_____, Docket No. DMEA-_____, dated _____, that the said contract shall be and is hereby terminated as of the first date above written.

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

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

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

UNITED STATES OF AMERICA

By Robert A. Lawrence

_____

(Operator)

By C. C. Buckson

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 18 1952

Docket Copy

CONTRACT AMENDMENT I .

Contract Docket No. DMA-1955, Idm-E244, dated January 25, 1952 between THE UNITED STATES OF AMERICA and C. C. BURLESON, an individual, is hereby amended as follows:

1. Item 3 is amended to read, "The Operator, within 90 days from date of this contract, shall commence work...." instead of 30 days, and provided for completion within six (6) months from date of contract instead of sixty (60) days.

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

Dated February 19, 1952

THE UNITED STATES OF AMERICA

By W. A. Beck
Acting Executive Officer,
DMEA, Region VII

C. C. BURLESON

By: C. C. Burleson
An Individual

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
FEB 28 12 16 AM '52

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
FEB 20 1952

S. R.

Reviewed by Division HB 2/28

MF-200
(June 1952)

Docket No. DMA 1955
Commodity Mica

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

1-25-52

Docket Copy

EXPLORATION PROJECT CONTRACT [1]

It is agreed this [illegible] day of [illegible], 195[illegible], between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] ~~George H. Benson, Elk Park, N. C., and~~ C. C. Burleson, Minneapolis, N. C., ~~[illegible]~~

C. C. B.

C. C. B.

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 Avery described as follows: [3] That part of B. W. Winters' farm, known as Shell Place and conveyed by Mamie Wiseman to B. W. Winters and Fannie Winters by deed of December 4, 1931, recorded in Book 26 on page 433 of the land records of Avery County at Newland, North Carolina, which is described as set forth in Annex I.

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

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

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

3. *Exploration project.* The Operator, within thirty (30) days from the date of this contract shall commence work on a project of exploration for [5] strategic mica; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] sixty (60) 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 $2,389.50, which is 90 percent of the agreed estimated total cost of this project, $2,655.00.

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.

CCB
LGH
CCB

(Operator)

[redacted]

By C. C. Burleson

C. C. Burleson ([redacted])

CCB
LGH
CCB

THE UNITED STATES OF AMERICA

By C. Mittendorf
Acting Administrator, Defense Minerals Exploration Administration

Hoffman (form only)
Lawrence G. Hook
C. Mittendorf

U. S. GOVERNMENT PRINTING OFFICE 16—640[illegible]

ANNEX I

Beginning on a white flint rock near the corner of the fence. Thence South 50 East 110 feet to a double poplar. Thence South 46 East 145 feet to a chestnut stump. Thence South 44 East 93 feet to a poplar. Thence South 37 West 199 feet to a double poplar. Thence North 59 West 160 feet, with branch, to a poplar. Thence West 101 feet to a stake in the fence. Thence with the fence South 17 West 295 feet to a stake. Thence South 6 East 91 feet to a stake. Thence South 81 West 134 feet to an iron stake. Thence North 9 East 234 feet to an apple tree. Thence North 27 East 176 feet to an apple tree. Thence North 17 West 28 feet to a rock crossing a small branch. Thence with the top of the North Bank of the branch North 70 East 282 feet to an apple tree stump. Thence North 14 West 178 feet to the beginning.

EXPLORATION PROJECT CONTRACT
GEORGE M. DOGAN AND C. C. EDELSON
DOCKET NO. DMEA-1955

EXHIBIT "A"

Statement of the Work

Bulldoze trench thirty feet in length and six to eight feet in depth and, if in the opinion of the Government, the expenses justify further exploration, sink a 25-foot inclined shaft and a 10-foot drift in the most favorable area in the trench as indicated by the pit marked 2 on the map. The location of trench is shown in the accompanying map. A shaft will be sunk also on or near the outcrop at or near the point marked 1 on the accompanying map and the drift, not to exceed 10 feet in length, will be driven from the bottom of the shaft.

Estimated time — 35 working shifts or 60 calendar days

Estimated cost $2,445.00

Estimated Costs of the Project

Fixtures and improvements

Does not apply

Operating equipment

To be purchased:

Hand tools, pipe, etc.	$250.00	
Supplies, timber, gasoline, oil, drill steel bits	400.00	$ 650.00

To be rented:1/

1 Bulldozer, 30 hrs. @ $10.00 per hour2/	300.00	
1 Compressor, one mo. @ $175.00 per mo.3/	175.00	
1 Jackhammer, one mo. @ $60.00 per mo.3/	60.00	
1 Hoist, one mo. @ $70.00 per mo.3/	70.00	
1 Pump, one month @ $50.00 per mo.3/	50.00	655.00

1/ As indicated in Sec. 4 of contract, all subcontracts are subject to approval by the Government in writing.
2/ Includes operators' wages, supplies and repair cost, rates for actual operating time.
3/ Includes repairs but not fuel.

Furnished by Operator

None

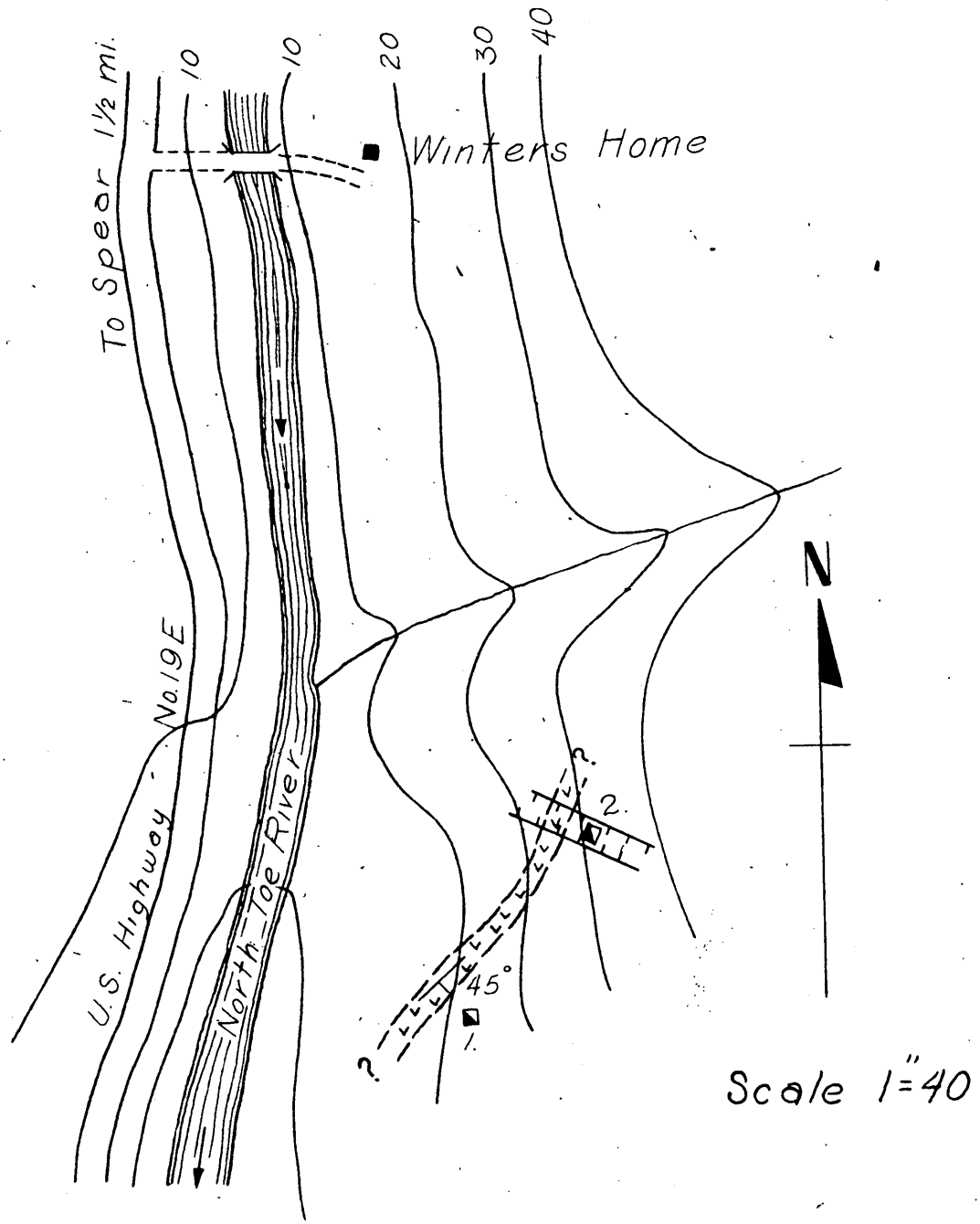
Labor and supervision

1 Working foreman-hoistman, 30 days @ $12.00 per day	$360.00	
1 Miner-timberman, 30 days @ $12.00 per day	360.00	
2 Laborers, 30 days @ $8.00 per day each	480.00	$1,200.00

Miscellaneous

Taxes, insurance, etc.	150.00
Estimated total	$2,655.00

A map of monthly progress is to be included in the monthly progress report as required under section 12 of the Exploration Project Contract.



Winters Prospect DMA-1955X

Proposed Exploration

Pegmatite

Proposed Bulldozer cut

Proposed Test pit

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 Avery, State of North Carolina, described in a certain Exploration Project Contract dated [illegible], 195[illegible], between George M. Bowman and C. C. Burleson, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated Aug. 7, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

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

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

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned. This lien and claim is on nothing other than the mica or minerals to be extracted from the ground

Dated this 19 day of Nov, 195 1

B. M. Winters

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

COPY

NORTH CAROLINA, AVERY COUNTY.

SALE OF MINING INTEREST

On this day, the Seventh Day of February, 1952, the following Agreement is entered into between George M. Bowman, of Avery County, North Carolina, and C. C. Burleson, of Avery County, North Carolina, such agreement to be valid and in force from the above date upon the proper execution of the signatures of both parties, both the seller and buyer.

WITNESSETH

I, George M. Bowman, of Elk Park, North Carolina, on account of the uncertainty of mica prices and the Government mica program, for the sum of one dollar and no more, receipt of which is hereby acknowledged, do sell, part with forever, and deliver to C. C. Burleson, of Minneapolis, North Carolina, my one-forth, or all my interests whatever that may be, in the certain mining lease, granted by B. H. Winters and wife, Fannie Winters, of Avery County, North Carolina on the seventh day of August, 1951, and executed before A. P. Brinkley, Notary Public, of Elk Park, N. C. on August the Seventh, 1951, also my one-half, or all interests whatever that may be in a loan made by the Federal Government to George M. Bowman and C. C. Burleson under Exploration Contract Agreement, dated the twenty-fifth of January 1952, based upon the above mentioned mining lease, cost of such project under such loan to be $2,655.00. Further this sale and delivery of my one-fourth, or all interests whatever that may be, in the lease made to George M. Bowman and C. C. Burleson by B. W. Winters and wife, Fannie Winters, and my one-half, or all interests whatever that may be in said Government loan designated above, shall relieve me of all responsibilities in said lease and said loan designated above, in every way, financially and otherwise from now on forever, and furthermore I will not be responsible for any terms or conditions of said lease, nor for any part of said Government loan, nor for any accidents as a result of mining, nor for any debts made by Mr. C. C. Burleson nor any of his partners hereafter.

I, C. C. Burleson, of Minneapolis, Avery County, North Carolina, do hereby accept the full one-fourth, or all the interests whatever that may be in the B. W. Winters lease described above, now sold and delivered to me by George M. Bowman, of Elk Park, North Carolina, Avery County, Also George M. Bowman's one-half , or all of his interests in the Government loan designated above, for which I have paid him the sum of one dollar. I accept the full responsibilities of the lease named above, and of the full Government loan named and designated above, and all the responsibilities of the partnership of Mr. George M. Bowman, and C. C. Burleson based on the above lease and loan, financially and otherwise, and I hereby relieve George M. Bowman, of all such responsibilities forever, financially and otherwise, I take full responsibility of the Government loan designated above as to its full payments as set up under terms of the Exploration Contract Project Agreement of January 25, 1952

WITNESS OUR HANDS AND SEALS:

Seller /s. George M. Bowman (seal)

Buyer /s C. C. Burleson (seal)

NORTH CAROLINA, AVERY COUNTY

Personally appeared before me this Seventh Day of February, 1952, George M. Bowman, Seller, of the above mining interests, and C. C. Burleson, buyer of the above mining interests and acknowledged the due execution of the foregoing instrument.

s/s A. P. Brinkley
Notary Public

My commission expires January 3, 1953

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1955 X

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION LOAN

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

Routing Slip

To:	CODE 370 3535 Ind. Minerals	Date	8-14-51
To:	P.E. Div.	Date	11/30/51
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

DOCKET COPY

DMA-1955X, Idm-E244. C. C. Burleson (mica)

Contract Amendment No.I , to change the starting and completion dates was made because some changes in the contract had to be initialed by both the Government and the Operator. This delayed the time of starting.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Division
JUL 10 1952

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

Room 13, Post Office Building
Knoxville, Tennessee

June 20, 1952

Memorandum

To: Operating Committee, DMEA

From: Field Team, DMEA Region VII

Subject: Final Report, DMA-1955, Idm-E244, Winters Prospect.
C. C. Burleson, Applicant, Avery County, N.C.

Attached is the original and 3 copies of the final report of the Field Team and 4 copies of the sketch sent in by C. C. Burleson, the operator.

Robert A. Laurence

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

W. A. Beck

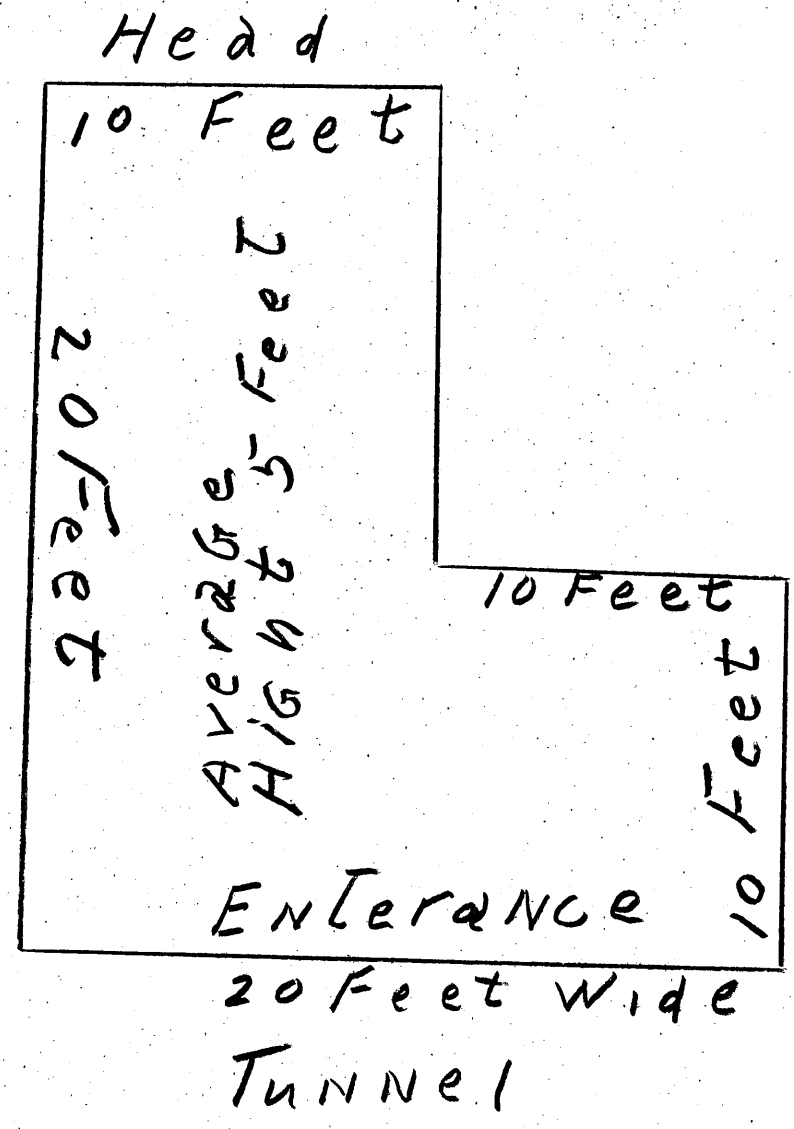
Wm. A. Beck, for V. J. Lynch
U. S. Bureau of Mines

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 23 1952

SDS 7-3-52

Drawing of Progress

(copy sic) was



C C Burleson

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT

DMA-1955X, Idm-E214, WINTERS PROSPECT.
(mica)

Spear, Avery County, N. C.

C. C. Burleson, Applicant

By

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 23 1952

June 18, 1952

Reviewed by
DMEA OPERATING COMMITTEE

(date)

FINAL REPORT

DMA-1955X, Idn-E214, WINTERS PROSPECT
Spear, Avery County, N.C.

This prospect is located along the east side of North Toe River, about one mile south of Spear, Avery County, North Carolina.

Exploration at this place consisted of exposing the pegmatite at Location I on the attached map for a distance along the strike of. 30 feet. This stripping also exposed a parallel pegmatite about 15-feet southeast of the one originally exposed. Several shots in the first pegmatite failed to show any mica concentration, so efforts were concentrated on the newly exposed one.

Work on this exposure consisted of sinking two inclined test pits in the pegmatite. The southwest pit is 8 feet deep and only small books of mica were obtained. Another pit, 10 feet northeast of the 8-foot and 10 feet deep exposed a pegmatite about four feet thick. Considerable mica in books up to five inches in diameter were recovered from this pit.

The two pegmatites explored under this Contract are paralled and about 15 feet apart. They trend about N 45° E, dipping 30°-45° southeast; the pegmatites are conformable in both strikes and dip to the foliation of the mica schist wall rock. The pegmatites consist of a series of lenticular pods connected by thin stringers. The pods appear to have a thickness up to five feet, and a vertical and horizontal length of 15 to 20 feet. From the limited exposures it would appear that the pods plunge to the northeast at about 45 degrees.

The pegmatite consist of rather coarse uniformly intergrown smoky quartz, plagioclase feldspar, and mica. There is no apparent zoning, or any evidence of mica localization in the pegmatites.

The mica from this prospect is hard, relatively flat, and splits well. Most of the books are badly cracked and some "A" structure is in evidence. Samples of mica from this prospect were sent to the General Services Administration for appraisal. Results from this appraisal indicated that the mica is non-ruby in color and is unacceptable for the National Stockpile. The project was terminated on May 28, 1952.

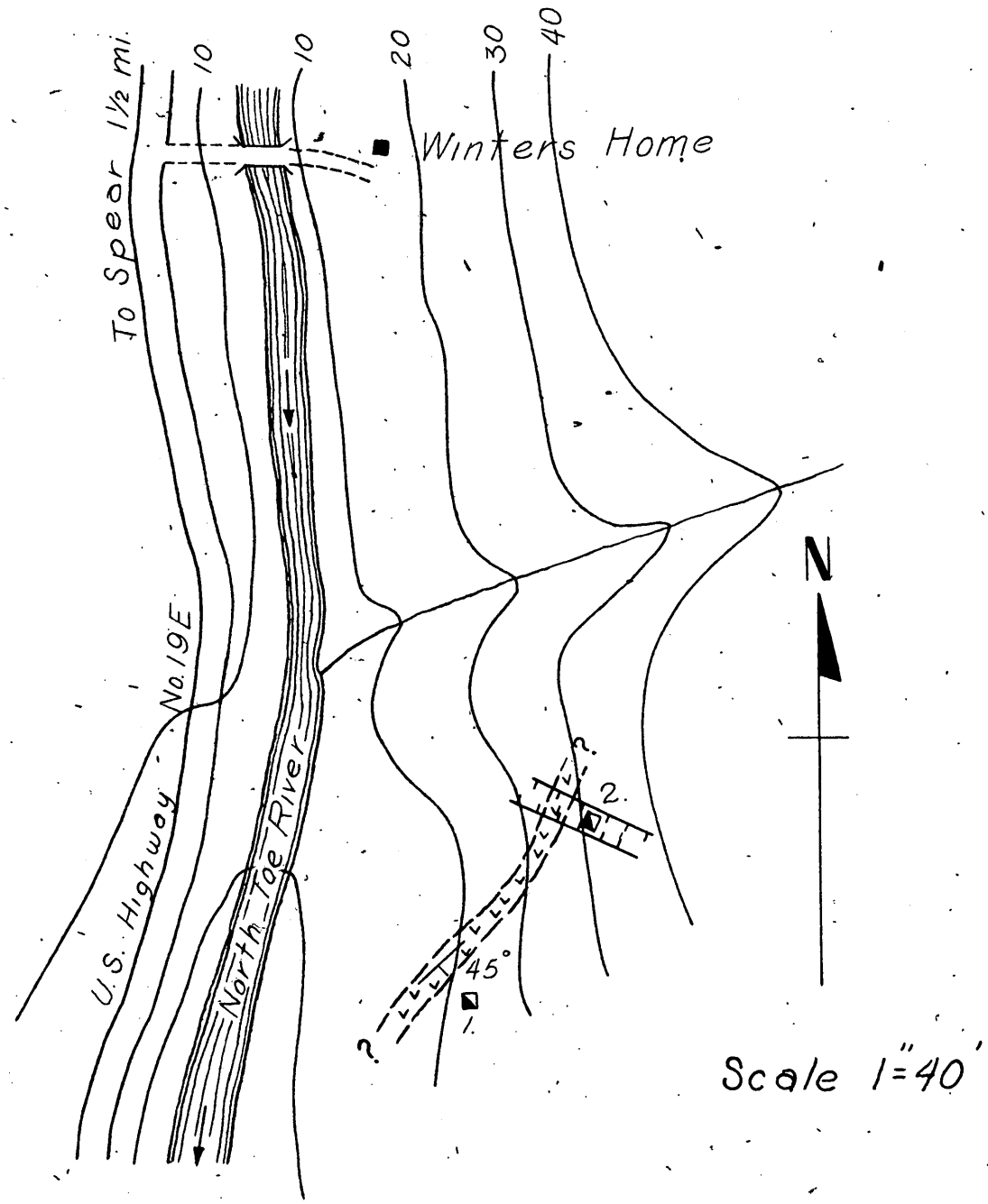
The Field Team does not believe that sufficient mica was discovered by this project to justify certification of a discovery.

This contract was for $2655.00 of which $1853.06 was expended. Of the amount used, the Government's share amount to $1667.75, thus $721.75 is returned to the revolving fund. The project was terminated before exploration was completed because of the non-strategic quality of the mica, therefore, the objectives set forth in the Contract were not accomplished. The Operator conducted the project in a competent manner. There were no items of salvage value involved in the project. No strategic mica was discovered or commercial minerals of any kind.

May 28, 1952

A. L. Peyton, USBM

K.N. Teague, USGS



Winters Prospect DMA-1955X

Proposed Exploration

Pegmatite

Proposed Bulldozer cut

Proposed Test pit

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE M[redacted]STRATION
WASHINGTON 25, D. C.
Room 13, Post Office Building
Knoxville 2, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 19 1952

Beck
Lynch
Norris -h
Spr. Com.

June 17, 1952

Mr. C. C. Burleson

Minneapolis, N. C.

Re: DMA-1955 (m-ca)
Contract Idm-52[illegible]

Dear Mr. Burleson:

Your May (final) monthly report has been forwarded to our Norris office for processing.

We find that your claim for $30.40 on your April report was in error and cannot be allowed. The invoice from Jefferson Distributing Company in the amount of $158.47 was broken down on your voucher into two items, one of $128.07 for miscellaneous items and one for $30.40 for explosives. You were paid $772.35 which is the Government's share or 90 percent of the total amount, $858.17.

In addition to the deletion of the above $30.40 from this months report, we are deleting $0.30 on item 6 (b) explosives as the total amount spent for this item in May was $110.79 instead of $111.09. Your totals now will be as follows; $994.89; $858.17; and $1853.06.

As to the matter of material you have left on hand, as long as you do not have more than $50.00 worth you may dispose of it as you see fit.

Please check your records and if you think that we are wrong, please notify us.

Very truly yours,

Mrs. A. Beck, for R. A. Lawrence
Executive Officer, DMA-Field Team
Region VII

/B/mm

FILE COPY
SURNAME:

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

June 17, 1952

Memorandum

To: Helen Miller, Administrative Officer

From: Wm. A. Beck,

Subject: DMA-1955, Idm-244 (mica) C. C. Burleson. Monthly Report for May 1952.

Attached are 3 copies of the monthly progress report with certified vouchers attached on the above subject project.

Wm. A. Beck, for R. A. Laurence
Executive Officer, DMEA-Region VII

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 19 1952

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

June 16, 1952

Memorandum

To: Operating Committee, DMEA

From: Field Team, DMEA-Region VII

Subject: DMEA-1955, Idm-E244 (mica) Termination Agreement

Transmitted herewith are 5 signed copies of the mutual termination agreement for the subject contract. One copy was retained by the Operator, and one copy is kept for our files.

The final voucher for this project has been received and is being processed.

Robert A. Laurence

Robert A. Laurence

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 18 1952

SDS 6-18-52

FILE COPY
SURNAME:

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

Room 13, Post Office Building
Knoxville, Tennessee

May 27, 1952

Mr. C. C. Burleson

Minneapolis, North Carolina

Re: DMEA-1955X-Idm-E255
Winters Prospect (mica)

Dear Mr. Burleson:

On May 7, 1952 the DMEA Field Team examined the mica deposit covered by the subject contract. At that date the Field Team informed you that exploration through May 7, 1952 had not indicated that a worthwhile discovery would be made.

On May 12, 1952 you contacted A. L. Peyton of the DMEA Field Team, requesting that the project be continued on the basis that good mica had been obtained from the deposit after the Field Team's visit. Mr. Pyeton again visited the project on May 13, 1952 and obtained samples of mica from the deposit. These mica samples were submitted by the DMEA to the General Services Administration for appraisal. Results from this appraisal indicates that mica from the Winters Prospect is non-ruby in color, and is not acceptable for the National stockpile. Since the mica cannot be sold under the Purchasing Program for Domestic Mica, no further expenditure of funds under this contract is justified.

This letter is to notify you, as required in Section 17 of contract, that the contract is hereby terminated effective at the end of the working day May 28, 1952.

Yours very truly,

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

KHT/zm
cc:
Beck
Lynch
Norris-2
Mittendorf-2
Files

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 29 1952

325

FILE COPY
SURNAME:

COPY

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

Houk
Mittendorf

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

Subject: Docket No. DMEA-1388 - Mica
" " DMEA-1955 - "
" " DMEA-2249 - "
" " DMEA-2327 - "
" " DMEA-2414 - "
" " DMEA-2429 - "
" " DMEA-2430 - "
" " DMEA-2431 - "

Dear Mr. Laurence:

Reference is made to Mr. Mittendorf's letter of May 21st transmitting samples of mica to Mr. George A. Purcell, Mica Consultant, General Services Administration, Federal Supply Service, Unit 2, 7th Floor, 34 Exchange Place, Jersey City, New Jersey, for evaluation. The following are Mr. Purcell's findings:

Huskins Mine:
DMEA-1388
"Sample 3 pieces well prepared. Color: Ruby. Quality acceptable for stockpile.

Winters Prospect:
DMEA-1955
"Sample 7 pieces of poor preparation. Color: Ruby. Quality wavy and some black spots. Not acceptable for stockpile.

Luther Mine:
DMEA-2249
"Sample 5 small pieces poorly prepared. Color: Non-ruby. Quality poor except for 2 specimens. Not acceptable for stockpile.

May Mine:
DMEA-2327
"Sample 4 pieces of fair preparation. Color: Ruby. Quality somewhat wavy. Samples would indicate acceptable stockpile quality obtainable from this source.

Doublehead Mine:
DMEA-2414
"Sample 7 pieces of fair preparation. Color: Non-ruby. Quality contains some black spots. Not acceptable for stockpile.

Carpenter Mine:
DMEA-2429
"Sample 6 pieces very small, untrimmed. Color: Ruby. Usable area of samples too small to indicate quality or size obtainable. Acceptable for stockpile as to color.

Bumpardner Mine: DMEA-2430	"Sample 6 thin sheets of fair preparation. Color: Ruby. Sample would indicate acceptable quality obtainable from this source.
Glen Meade Mine: DMEA-2431	"Sample 3 very small specimens poorly prepared. Color: Ruby. Samples too small to evaluate quality. It is possible acceptable quality could be obtained from this source but cannot be determined from present samples."

Please note that the mica from the Winters Prospect, DMEA-1955, Idm-2224, is not acceptable for stockpile. If the seven samples are representative of the quality of mica to be expected from this prospect, then you would be justified in terminating this contract.

The Lucher Mine, DMEA-2249, and the Doublehead Mine, DMEA-2414, are not eligible for exploration assistance, and this office will write letters of denial on them.

Sincerely yours,

-S- 5/29/52

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Approved:

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

/s/ D. M. Lemmon
Member, Geological Survey

LGHonkigad 5/26/52

Copy to: Admin. Reading File
Operating Committee (2)
Mr. Dietrich, 3526
Mr. Horton, G-232 GSA Bldg.
Mr. Houk

FILE COPY
SURNAME:

Houk
Mittendorf

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

Mr. George A. Purcell
Federal Supply Service
General Services Administration
Harborside Warehouse
Jersey City, New Jersey

5-20-52

Dear Mr. Purcell:

Transmitted herewith are samples received in this office for evaluation as to color and acceptability for stockpiling.

While I realize that some of these samples are in very poor preparation they are the best obtainable samples. The following list of samples are being transmitted:

DMEA No.	Name of Mine
1388	Huskins Mine
1955	Winters Prospect
2017	Nancy II
2249	Luther Mine
2327	May Mine
2414	Doublehead Mine
2429	Carpenter Mine
2430	Bumgardner Mine
2431	Glen Mead Mine

We would appreciate having the samples returned, if it is convenient for you to do so.

LGHouk:gad 5/20/52
Copy to: Admin. Reading File
Docket File
Mr. Dietrich, 3526
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

Sincerely yours,

Signed 5-20-52
Lawrence G. Houk, Chief
Non-Metallic Minerals Division
Defense Minerals Exploration
Administration

Enclosures 9

P.S. Shall we send our mica samples to the nearest mica buying stations for evaluation when they begin operations?

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

Room 13, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 0 1952

February 25, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee

From: Executive Officer, DMEA Region VII

Subject: Amendment to Contract DMA-1955, Idm-E244.
Time Extension

Enclosed are original and three copies of an amendment to the above subject contract. The Operator has retained one copy and we have kept one copy for the Field Office files.

Robert A. Laurence

Robert A. Laurence

Received by Division MB 2/28

FILE COPY
SURNAME:

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

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region VII
Room 13, Post Office Building
Knoxville 1, Tennessee

Subject: Docket No. DMEA-1955 - Miss George M. Bowman and C. C. Burleson
Avery County, North Carolina
Idm-R244

Dear Mr. Laurence:

Transmitted herewith is operator's and field copy of the subject contract. The deletions have been initialed.

Sincerely yours,

2/21

Lawrence G. Houk, Chief
Non-Metallic Minerals Division
Defense Minerals Exploration Administration

Enclosures 2

LGHouk:gad 2/20/52

Copy to: Admin. Reading File
Docket File
Mr. Dietrich, 3526
Mr. Norton, G-228, GSA Bldg.
Mr. Houk

OFFICE OF THE ADMINISTRATOR

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

Room 1, Post Office Bldg.
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 18 1952

February 15, 1952

Mr. C. O. Mittendorf, Acting Administrator,
U. S. Dept. of the Interior
Defense Minerals Administration
Washington 25, D. C.

Re: Docket DMEA-1955X - Mica
George M. Bowman and
C. C. Burleson

Dear Mr. Mittendorf:

Please find herewith the original and five copies of a contract covering the subject exploration project and the original and five copies of the sale of the interest of George M. Bowman in the partnership.

Deletions have been made in the contract and have been initialed by C. C. Burleson. The contract is being returned for your initialing of the deletions.

Please return the Operator's and Field copies to this office and upon receipt we will notify Mr. Burleson that he can start work.

Very truly yours,

Wm. A. Beck

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

FILE COPY
SURNAME:

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

600 JAN 28 1952

244

Houk

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

Re: Docket No. DMEA-1955 - Mica
George M. Bowman and
C. C. Burleson
Avery County, North Carolina

Dear Mr. Laurence:

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

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

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

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

Sincerely yours,

1-28-52

(signed) FRANK E. JOHNSON
Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures 6

Approved:

Member, Bureau of Mines

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

LGHouk:gad

Copy to: Admin. Reading File
Docket
Mr. W. F. Dietrich, 3526
Mr. J. J. Norton, Rm. G-228 GSA Bldg.
Mr. Houk

Substitute Description

That part of B. W. Winter's farm, known as Shell Place and conveyed by Mamie Wiseman to B. W. Winters and Fannie Winters by deed of ~~*ed*~~ Dec. 4, 1931, recorded ~~at~~ in Book 26 on page 433 of the land records of Avery County at Newland, North Carolina, which is described as ~~follows: (Copy description from lease)~~ set forth in Annexed I

[redacted]-200
(June 1951)

Docket No. DMA 1955
Commodity Mica

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Government's Copy
etc.

RECEIVED
JAN 8 - 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 25 day of January, 195Y, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] George M. Bowman, Elk Park, N.C. and C.C. Burleson, Minneapolis N.C. a partnership

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 Avery County described as follows: [3] That part of B.W. Winters farm known as Shell Place described in deed transfer recorded in Book 26 Page 433 at Newland, N.C. The mineral lease applies only to the following (Copy paragraph "Beginning on a white flint rock"

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

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

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

3. *Exploration project.* The Operator, within Thirty 30 days from the date of this contract shall commence work on a project of exploration for [5] strategic mica; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] Sixty 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 $ 2389.50, which is 90 percent of the agreed estimated total cost of this project, $ 2655.00.

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.

THE UNITED STATES OF AMERICA

By _____

Goodrich (Operator) A/ Pennsylvania

By _____

G. G. Robinson

Partner

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

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

January 17, 1952

Memorandum

To : Acting Administrator

From: Chief Counsel

Subject: George M. Bowman and C. C. Burleson exploration contract — Docket No. DMEA 1955

The draft of the Exploration Project Contract in this case, submitted to us on January 8, 1952, has been revised in certain minor respects and six copies in what we consider to be satisfactory legal form are attached.

The landlord has modified the subordination agreement to limit the lien to the mica to be extracted from the ground. Moreover the landlord's wife has not signed the subordination although she is co-lessee of the property. However, in view of the small size of the contract and the delay to which it has already been subject, we believe that the subordination can be accepted as it is.

Your file is returned herewith.

J. L. Hofflund
Chief Counsel

Attachments

140

FILE COPY
SURNAME:
Guthrie

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

January 17, 1952

Memorandum

To : Acting Administrator

From: Chief Counsel

Subject: George H. Bowman and C. C. Burleson exploration contract — Docket No. DMEA 1955

The draft of the Exploration Project Contract in this case, submitted to us on January 8, 1952, has been revised in certain minor respects and six copies in what we consider to be satisfactory legal form are attached.

The landlord has modified the subordination agreement to limit the lien to the mica to be extracted from the ground. Moreover the landlord's wife has not signed the subordination although she is co-lessee of the property. However, in view of the small size of the contract and the delay to which it has already been subject, we believe that the subordination can be accepted as it is.

Your file is returned herewith.

J. L. Hofflund

J. L. Hofflund
Chief Counsel

Attachments

RRGuthrie/bjl

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

Stapled RR

LOGS
Walnut
White Oak
Poplar
Gum

C. C. Burleson

Box 24

Dealer In Veneer Logs

Minneapolis, N. C.

FIGURED
Curley-Maple
Walnut Stumps
Poplar Burls
Ashe Burls

December 24, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 27 1951

United States Department of Interior,
Defense Minerals Administration,
Washington, D. C.

Dear Sirs:

Kindly informe me please what is holding up Exploration project DMA-1955X, Barney Winters Mine, near Spear, N. C.

We have completed all papers and submitted the Landlord's Subordination Agreements to Mr Laurence of the Knoxville Regional Office, Room 13 Post Office Building. These Agreements were called for and delivered perhaps from four to six weeks ago. So I would like to know what is holding the loan back. Will thank you indded to let me know about this, since we wish to go to work at once. We have already set an air compressor and other machinery on the property and await the word to go.

Very truly yours,

C. C. Burleson

C. C. Burleson.

No one available to
inspect + test mica
Suggest Thayer be over
ruled in this case.

IN REPLY REFER TO:

G-MD-JJN

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

December 18, 1951

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMA-1955X

To: DMEA
From: J. J. Norton
Commodity: Mica
Applicant: G. Bowman and C. C. Burleson
Location of property: Avery County, North Carolina
Field team's recommendation: Explore two parts of pegmatite:-

1. 25-foot shaft followed by 10 foot drifts from bottom of shaft.
2. Bulldozer trench followed by 25-foot shaft and 10-foot drifts from bottom of shaft.

Comments: T. P. Thayer points out that provision should be made for inspection and testing of mica. I do not know DMEA policy on this. Only persons with experience in the mica trade can do this work. Generally geologists and engineers are not qualified for their opinions on mica quality to be acceptable in the trade.

ACTION SUGGESTED: Follow field team's recommendations.

J. J. Norton

J. J. Norton

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 30 1951
Defense Minerals Administration,
Production Expansion Division,

November 28, 1951

MEMORANDUM FOR FILE:

Re: DMA-1955X, George M. Bowman and
C. C. Burleson

The Defense Minerals Exploration Administration Operating Committee reviewed the Region VII Field Team report on the subject application on November 28, 1951.

Mr. T. P. Thayer, Geological Survey suggested that "provision for inspection and testing of mica for quality" should be added.

Hazel Berry

OFFICE OF THE ADMINISTRATOR

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

NOV 26 10 41 AM '51

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

Room 13, Post Office Building
Knoxville 2, Tennessee

November 23, 1951

Memorandum

To: Frank E. Johnson, Acting Administrator, Chairman Coordinating Committee

From: Field Team, Region VII

Subject: DMA-1955X, George M. Bowman and C. C. Burleson

Transmitted herewith are four copies of the report covering the Field Team's recommendation. Six extra copies of the sketch map showing the extent of the proposed prospecting are enclosed. The delay in sending this report has been caused by the difficulty of the applicant securing the necessary Landlord's Subordination Agreement.

We are returning herewith the original application, review, and six signed copies of the Landlord's Subordination Agreement.

Kefton H. Teague

Kefton H. Teague for R. A. Laurence
U. S. Geological Survey

W. A. Beck

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

Enclosures

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

NOV 26 10 41 AM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMA-1955X, Geo. Bowman and C. C. Burleson, Winters Prospect.
Spear, Avery County, North Carolina
(Mica)

By

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

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

October 4, 1951

Report on the Winters Prospect (mica),
DMA-1955X, Spear, Avery County, North Carolina
Geo. Bowman and C. C. Burleson

This prospect is located along the east side of North Toe River, about one mile south of Spear, Avery County, North Carolina.

A pegmatite which outcrops along the east side of the flood plain has been slightly prospected. At this place the pegmatite is 4-feet thick and conformably enclosed in mica schist. The pegmatite strikes about N 48° E., dipping 45° southeast. It is unweathered and composed of rather uniform intergrowths of medium coarse feldspar and gray to smokey quartz. No quartz core is in evidence. Books of flat clear mica up to 4-inches across occur along the handing wall. The mica is brownish to rum in color. It splits well and is hard.

About 100-feet along the strike to the northeast considerable mica in sheets up to 3-inches across occur in the soil. Apparently at one time a shallowpit was sunk at this place. The mica is similar in quality to that described above.

Elsewhere on the property some scrap mica occurs, but none of these prospects appear to justify prospecting.

The Field Team believes that a limited amount of exploration is justified at the locality described above. We recommend that a 30-foot trench be cut at the point where the mica occurs in the soil. This trench should be 6 to 8 feet deep. Should the trench expose sufficient evidence, an inclined shaft should be sunk on the pegmatite to a depth of about 25-feet. Drifts or crosscuts not to exceed 10-feet in length should be driven from the bottom of the incline. Also, it is recommended that a 25-foot shaft be sunk at the point of outcrop, with drifts not to exceed 10-feet.

Cost estimates (next page)

Estimated Costs

1 - Bulldozer rental for 30 hrs. @ $10/hr	$300.00
1 - Compressor " " 1 month @ $175/mo.	175.00
1 - Jackhammer " " " " @ $60/mo.	60.00
1 - Hoist rental for 1 month @ $70/mo.	70.00
1 - Pump " " 1 " @ $50/mo.	50.00
1 - Working foreman -hoistman, 30 shifts @ $1.50/hr	360.00
1 - Miner-timberman for 30 shifts @ $1.50/hr.	360.00
2 - Laborers @ $1.00 / hr. for 30 shifts	480.00
Miscellaneous hand tools, pipe, etc.	250.00
Timber, gasoline, oil, drill steel, bits, dynamite, etc.	400.00
Taxes, Ins. etc.	150.00
Estimated Cost.	$2,655.00

Estimated time required -35 shifts

Fixtures and Improvements

Does not apply to this project

Operating Equipment

Equipment to be purchased

Hand tools, pipe $250.00

Equipment to be rented

1/ Bulldozer @ $10/hr
2/ Compressor @ $175/mo.
2/ Hoist @ $70/mo.
2/ Pump @ $50/ mo
Jackhammer @ $60/mo.

1/ Total cost including supplies, operatos wages, and repair cost. Rental rates to be charged for actual operating time.
2/ Does not include fuel, but includes cost of repairs.

Labor and Supervision

By quantity, classification and rate of compensation

1- Working foreman-hoistman @ $12/day
1 - Miner-timberman @ $12/day
2 - :aborers @ $8/day

Rehabilitation and Repairs

Does not apply to this project.

Examination made:
October 4, 1951

A. L. Peyton, USBM

K. H. Teague, USGS

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

Nov 26 10 41 AM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMA-1955X, Geo. Bowman and C. C. Burleson, Winters Prospect. Spear, Avery County, North Carolina (Mica)

By

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

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

October 4, 1951

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Estimated Cost.	$2,655.00

Estimated time required -35 shifts

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Equipment to be rented

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Rehabilitation and Repairs

Does not apply to this project.

Examination made:
October 4, 1951

A. L. Peyton, USBM

K. H. Teague, USGS

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1955

Commodity Mica

Total Amount $9600

Govt. Participation 90%

1. Name and Address of Applicant George M. Bowman & C.C. Burleson - Elk Park, N.C.

2. Location of Property Near Spear, N.C.

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

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

d) Don't know—needs field examination Memo Attached

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, Lessee (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? Yes - Inform Applicant that no special consideration will be given because of time change in lease depending on Govt. action - He must have a valid lease at time final action taken -

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? NO

b) MF-202 These must be furnished or NO Contract

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)* ✓

d) Water (question 13)* ✓

e) Power (question 13)* ✓

Is a field check needed on any of these points? Yes a) b)

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? Yes

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? NO

If not, are there sufficient data given so that you can describe the project? NO If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? NO

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes at least in part

If not, what part of it is? A more definite program is needed — Help applicant on this

Is this part a worthwhile exploration project? Field Team decide

d) Are the cost estimates detailed? _____

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? _____ If so, attach a draft.

e) Are the cost estimates reasonable? No footage data

f) Should more information be requested from applicant? Yes-by Team

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? NO If so, attach a draft.

c) Is a field check needed? Yes - Actual Need

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

a) Is it applicable? Yes

b) Sufficient data? NO If so, attach a draft.

c) Are rents and charges reasonable? Appear so

d) Is a field check needed? Yes Actual Needs

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

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? Insufficient data

d) Are the proposed wages and salaries reasonable? Appear so

e) Is a field check needed? Establish actual Needs

14. Exhibit E (question 23-c)*

a) Is it applicable? NO

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? Yes

(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 question? If geology & mica grade favorable assist Applicant in preparing suitable program & submit necessary contract data & sketch map — If your recommendation favorable inform applicant that processing will be held up until MF-202s are furnished

Reviewed by: [illegible]

Date 9/20/57

97692

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1955

Commodity Mica

Total Amount $9600

Govt. Participation 90%

1. Name and Address of Applicant George M. Bowman & C. C. Burleson - Elk Park, N.C.

2. Location of Property Near Spear, N.C.

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If not, application will be rejected.

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

a) Good

b) Poor

c) None

d) Don't know—needs field examination Memo Attached

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, Lessee (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? Yes - Inform Applicant that no special consideration will be given because of the clause in lease depending on Govt. action - He must have a valid lease at time final action tak

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? NO

b) MF-207 These must be furnished or NO Contract

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)* ✓

d) Water (question 13)* ✓

e) Power (question 13)* ✓

Is a field check needed on any of these points? Yes a) b)

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? Yes

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? NO

If not, are there sufficient data given so that you can describe the project? NO If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? NO

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes at least in part

If not, what part of it is? A more definite program is needed. Help applicant on this

Is this part a worthwhile exploration project? Field Team decide

d) Are the cost estimates detailed? _____

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? _____ If so, attach a draft.

e) Are the cost estimates reasonable? No footage data

f) Should more information be requested from applicant? Yes. by Team

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? NO If so, attach a draft.

c) Is a field check needed? Yes - Actual Need

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

a) Is it applicable? Yes

b) Sufficient data? NO If so, attach a draft.

c) Are rents and charges reasonable? Appear so

d) Is a field check needed? Yes Actual Needs

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

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? Insufficient data

d) Are the proposed wages and salaries reasonable? Appear so

e) Is a field check needed? Establish actual needs

14. Exhibit E (question 23-c)*

a) Is it applicable? NO

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? Yes

(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 question? If geology & Mica grade favorable assist applicant in preparing suitable program & submit necessary contract data & attach map — If your recommendation favorable inform applicant that processing will be held up until MF-2025 are furnished

Reviewed by: [illegible]

Date 9/20/57

INT.-DUP. SEC., WASH., D.C. 99009

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

Room 13, Post Office Building
Knoxville 2, Tennessee

September 28, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee

From: Executive Officer

Subject: DMA docket 1955X, George M. Bowman and C. C. Burleson

This will acknowledge receipt, on September 27, of application for aid for exploration on the above docket. The examination will be made next week.

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

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
OCT 1 8 33 AM '51

OFFICIAL FILE COPY

To	Init.	Date
370	Q.Ec	10-1
210		

FILE COPY
SURNAME:

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

370

Washkey
Barr
Thayer
Wroom

SEP 25 1951

A.E.C

Messrs. Geo. L. Bowman and
C. C. Burleson
Elk Park
North Carolina

Subject: DMA-1955X, Mica

Gentlemen:

Your application is being referred to Mr. Robert A. Lawrence, Executive Officer, DMA Field Team, Region VII, Room 13, Post Office Building, Knoxville, Tennessee, for further information.

Sincerely yours,

SIGNED R.F. 9-26

Tom Lyon, Director
Supply Division

RWASHKEY:mp
9-20-51
cc: Field Team, Region VII (2)
DMA Docket File
Mr. Barr

IN REPLY REFER TO:

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

September 19, 1951

MEMORANDUM

To: Robert Waskey, Defense Minerals Administration

From: W. R. Griffitts, U. S. Geological Survey

Subject: Application DMA-1955 from George M. Bowman and C. C. Burleson for mica exploration in Avery County, North Carolina

Our files contain no information on these prospects on the Winters property, or on the Ely Rock mine, to which they are supposed to be similar. Mica from nearby properties is green, and this mica may also be green.

The application should be referred to the field team for more detailed information on the geology of the deposits and the quality of the mica contained therein. If the evidence obtained by the field examination is not reasonably favorable, the application should be denied.

W R Griffitts

W. R. Griffitts

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

SEP 19 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

From: W. R. Griffitts, U. S. Geological Survey

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The application should be referred to the field team for more detailed information on the geology of the deposits and the quality of the mica contained therein. If the evidence obtained by the field examination is not reasonably favorable, the application should be denied.

W. R. Griffitts

cc: Director's Reading File, Rm. 4212
Branch file
DMA FILES

W. R. Griffitts:bbk
G 9/19/51

August 14, 1951

Mr. George M. Bowman
Elk Park, North Carolina

Subject: Exploration Loan
Re: Shell Place

Dear Mr. Bowman:

This will acknowledge receipt of your application dated August 9, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA- 1955 and referred to the Industrial Minerals.

Kindly refer to DMA- 1955 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

BOWMAN'S BOOK AND MINERAL HOUSE

ELK PARK, N. C.

GEORGE M. BOWMAN,
OWNER, MANAGER

BOOKS, RELIGIOUS
BOOKS, EDUCATIONAL

BOOKS SPECIALIZED:—

HEALTH:
- MIND
- PSYCHOTHERAPY
- PSYCHOCULTURE
- THE SIXTH SENSE
- HOW TO LIVE
- LONG LIFE
- DIET
- SLEEP
- ETC.

MINERAL STUDY:
- GEOLOGY
- MINERALOGY
- PROSPECTING
- MINERAL TESTING
- MINING
- COLLECTING
- GEMOLOGY
- LAPIDARY'S ART
- ETC.

SCIENTIFIC EQUIPMENT:
- ULTRA-VIOLET LAMPS
- MINERALIGHTS
- GEIGER COUNTERS
- MINERAL AND TREASURE FINDERS
- MICROSCOPES
- BLACK LAMPS
- ARGON BULBS
- GOLD PANS
- TESTING OUTFITS
- GEOLOGISTS' PICKS
- TELESCOPES
- BINOCULARS
- COMPASSES
- ETC.

MINERALS:
- BEAUTIFUL FLUORESCENT MINERALS
- MINERAL SETS FOR SCHOOLS, COLLECTORS
- CRYSTALLIZED MINERALS
- SANDS, ROCKS, CLAYS, ETC.
- GOLD NUGGETS
- PETRIFIED WOOD
- GEODES
- CORAL, ETC.

PURCHASER OF:
- CERTAIN MINERALS
- CERTAIN SECOND-HAND OLD BOOKS, OLD STAMPS, OLD COINS, MANY OLD ARTICLES, ANTIQUES, ETC.

IDENTIFY MINERAL SAMPLES FOR LAND-OWNERS FREE.

DELIVER LECTURES TO SCHOOLS, OTHER ORGANIZATIONS, BOY SCOUT TROOPS, ETC. WRITE ME.

August 9, 1951

DMA-1950 X

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

Dear Sirs:

I herewith submit an application for a mica EXPLORATION PROJECT loan for explorations on a mica property near Spear, N. C.

I sincerely hope that since there is a time clause in our lease that you will be able to give consideration to this loan at once.

May I hear from you relative to same.

Very sincerely yours,

George M. Bowman

George M. Bowman.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 13 1951

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 1955-X

Date received 8-13-51

Participation

George M. Bowman ---------- Elk Park, N. C.
and
C. C. Burleson ---------- Minneapolis, N. C.

Name and address of applicant

Date August 7, 1951

FILL IN THIS BLOCK

Date of application August 7, 1951

Estimated cost $9,600.00

Mineral or metal Mica

Percentage of Government participation $8,640.00

Location of mine About 1 mile of Spear, N. C.

Date of filing MF-100

DMA Docket Number, if available 1955

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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 13 1951

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.

Bowman and Burleson
(Name of company)

By George M Bowman
(Signature of authorized official)

August 7, 1951
(Date)

Manager
(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

ADDITIONAL INFORMATION PAGE

1. Partnership
2 George M. Bowman, Elk Park, N. C. and C. C. Burleson, Minneapolis, N. C.
3. George M. Bowman for twenty years County Superintendent Schools. For years mica miner (operator) and mineral dealer, Mineralogist.
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Mucker No 1 $40.00 week, 26 weeks	1,040.00
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Compensation	350 00
Labor	600 00
Supervision	240 00
Mica House and Shop,(if mica found)	500 00

Note. If bulldozer is not required 14 days, then we want the right to use remainder of bulldozer money for labor

After first month, expect to need and expend one-fifth of remainder of money every month for five months, with perhaps several hundred more of this for labor. Cannot be determined exactly.

By George M. Bowman
Signature of Authorized Agent.

MINING LEASE

NORTH CAROLINA
Avery County

This mining lease is granted by B. W. Winters and wife, Fannie Winters of Avery County, North Carolina, hereinafter known as the lessors, to George M. Bowman, and C. C. Burleson, both of Avery County, North Carolina, hereinafter known as the lessees on this, the Seventh day of August, 1951.

WITNESSETH

That for the sum of one dollar and other valuable considerations, receipt of which is hereby acknowledged, the lessors grant to the lessees the right to enter upon the following described lands for the purpose of mining for mica and other minerals for a period of thirty months: --

Beginning on a white flint rock near the corner of the fence. Thence South 50 East 110 feet to a double popular. Thence South 46 East 145 feet to a chestnut stump. Thence South 44 East 93 feet to a popular. Thence South 37 West 199 feet to a double popular. Thence North 59 West 160 feet, with branch, to a popular. Thence West 101 Feet to a Stake in the fence. Thence with the fence South 17 West 295 Feet to a stake. Thence South 6 East 91 feet to a stake. Thence South 81 West 134 feet to an iron stake. Thence North 9 East 234 feet to an apple tree. Thence North 27 East 176 feet to an apple tree. Thence North 17 West 28 feet to a rock crossing a small branch. Thence with the top of the North Bank of the branch North 70 East 282 feet to an apple tree stump. Thence North 14 West 178 feet to the beginning.

The lessees may enter upon the above described lands and may make any mine openings at any place or places, and then when such openings are made sufficiently deep enough for walls to hold up, the lessees may mine or follow any mica veins in any directions that they may go, or to any extents that they may persist, regardless of whether or not the mining is done under the above area or plot of land described in the above calls. In other words the lessees will be allowed to cross any or all lines, above mentioned, under ground.

The above described tract of land, or lands, is part and parcel of B. W. Winters's farm, known as the Shell Place, containing 120 acres more or less and was conveyed in a deed from Mamie Wiseman to B. W. Winters and wife, Fannie Winters, in a deed executed before Charles Hughes, Notary Public, of Newland, N. C., on the 4th. Day of May, 1931, and was filed for Registration in the Register of Deed's Office, at Newland, N. C. at 2:00 o'clock P. M. on the 2nd. Day of June, 1931, and was registered in same Register of Deed's Office, at Newland the 2nd Day of June 1931, in Book 26, on page 433.

The lessees shall have ingress, egress, and regress for this mining, shall have the right to set up tool houses and sheds, set up and remove machinery at will, the right of small timber, subject to the lessors' approval, for shoring and shall have all other rights and privileges commonly given to mica miners and other miners.

A royalty of one-eighth shall be paid the lessors for all micas, as sold, and one-tenth, value of ores at the mines, for other minerals, excepting feldspar which shall be fifty cents per ton.

Statements of all sales, or tonnage, shall be furnished by the lessees to the lessors and all royalties of such sales shall be paid at the end of each month.

This lease is granted contingent upon a Government Loan on Mica, and if at the end of ninety days the loan is not made, or some assurances are not given the lessees of such loan, then this lease is to become null and void upon a written notice of the lessors to the lessees.

If after loan is secured and regular payroll work begins in earnest, the lessees are required to shut down on account of market decline in prices of minerals, or for other valid reasons, this lease gives them the right to shut down only for a period of thirty days. After this thirty days, if they remain shut down longer, a minimum royalty shall be paid the

the lessors of twenty five dollars per month so long as they are shut down if this lease is to extend its full term of thirty months. Otherwise this lease becomes null and void.

Witness our hands and seals:

LESSORS		LESSEES	
B W Winters	(Seal)	George M Bowman	(Seal)
Annie Winters	(Seal)	C. C. Burleson	(Seal)

WITNESSES

Dallas Woods

John H Winters

STATE OF NORTH CAROLINA
Avery County

Personally appeared before me this day, August 7th., 1951, the lessors, B. W. Winters, and wife, Annie Winters, both of Avery County; and the lessees, George M. Bowman and C. C. Burleson, both of Avery County, all of North Carolina, in the presence of witnesses, and acknowledged the due execution of the foregoing mining lease.

Witness my hand and seal, this, the Seventh Day of August, 1951.

A B Brinkley
Notary Public

My commission expires June 3 1953

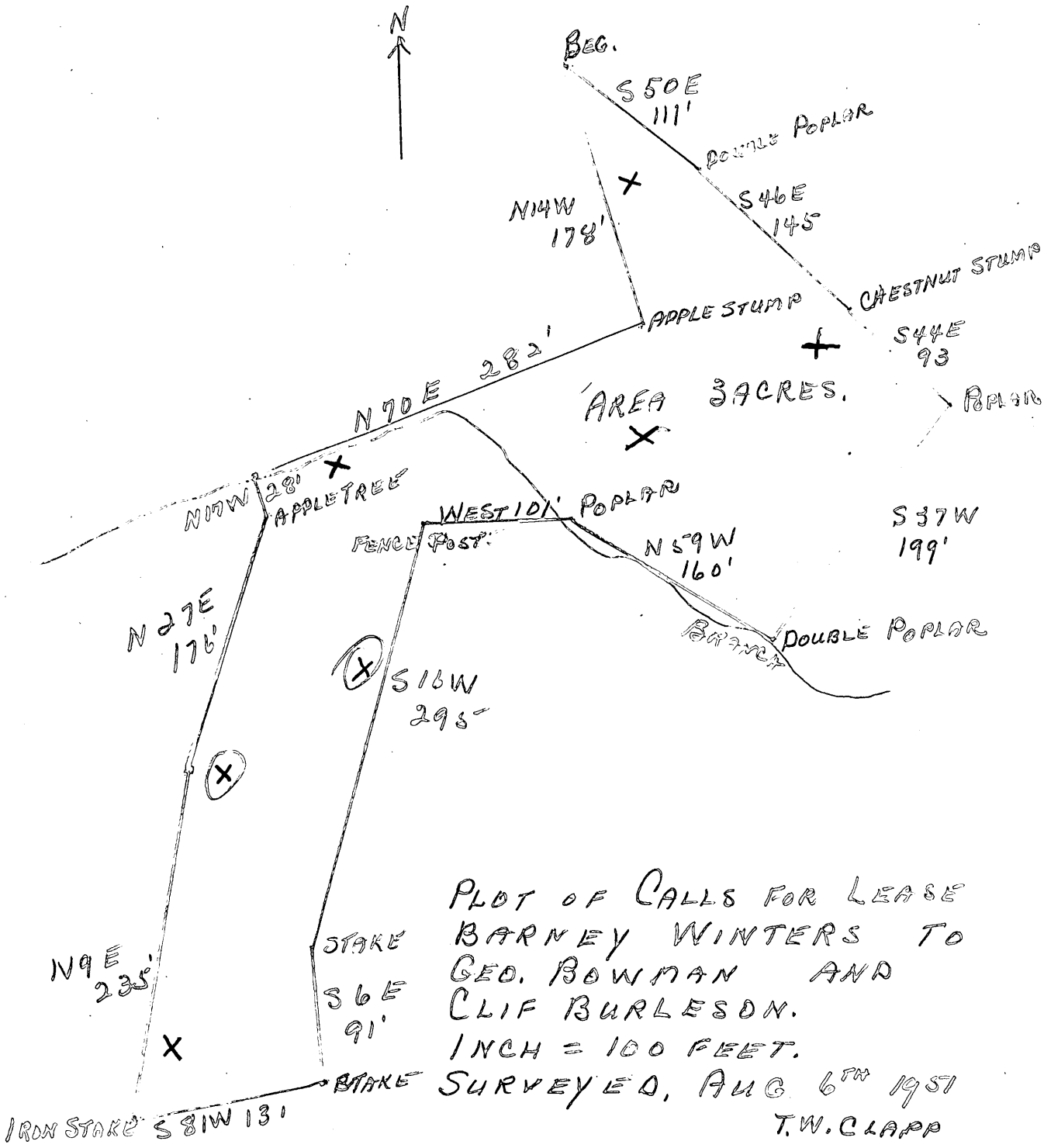
Don A-1955

Plumtree Presbyterian Church

T. W. CLAPP, MINISTER, Surveyor.

Plumtree, North Carolina

Plot and Lease.



PLOT OF CALLS FOR LEASE
BARNEY WINTERS TO
GEO. BOWMAN AND
CLIF BURLESON.
1 INCH = 100 FEET.
SURVEYED, AUG 6TH 1951
T.W. CLAPP

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 1955-

Date received 8-13-51

Participation

George M. Bowman
and
G. C. Darleson

Elk Park, N. C.
Minneapolis, N. C.

Name and address of applicant

Date August 7, 1951

Avery County

FILL IN THIS BLOCK

Date of application August 7, 1951

Estimated cost $9,600.00

Mineral or metal Mica

Percentage of Government participation $8,640.00

Location of mine About 1 mile of Spear, N. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 13 1951

Date of filing MF-100

DMA Docket Number, if available 1955-

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.
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    (*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				
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*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
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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.
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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.

Bowman and Burleson
(Name of company)

By George M. Bowman
(Signature of authorized official)

August 7, 1951
(Date)

President
(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

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By George M Bowman
Signature of Authorized Agent.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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Docket No. DMA 1955

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and
C. C. Burleson ---------- Minneapolis, N. C.

Name and address of applicant

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Defense Minerals Administration
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Bowman and Burleson
(Name of company)

By [signature]
(Signature of authorized official)

August 7, 1951
(Date)

Manager
(Title)

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After first month, expect to need and expend one-fifth of remainder of money every month for five months, with perhaps several hundred more of this for labor. Cannot be determined exactly.

By George M Bowman
Signature of Authorized Agent.

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 1905-5

Date received 8-18-51

Participation

George M. Bowman ---------- Elk Park, N. C.
and
C. C. Burleson ---------- Minneapolis, N. C.

Name and address of applicant

Date August 7, 1951

FILL IN THIS BLOCK

Date of application August 7, 1951

Estimated cost $9,600.00

Mineral or metal Mica

Percentage of Government participation $8,640.00

Location of mine About 1 mile of Spruce, N. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 13 1951

Date of filing MF-100

DMA Docket Number, if available 1905-5

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.

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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.

Bowman and Burleson
(Name of company)

By [signature]
(Signature of authorized official)

August 7, 1951
(Date)

Manager
(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.

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ADDITIONAL INFORMATION PAGE

1. Partnership
2 George M. Bowman, Elk Park, N. C. and C. C. Burleson, Minneapolis, N. C.
3. George M. Bowman for twenty years County Superintendent Schools. For years mica miner (operator) and mineral dealer, Mineralogist.
C. C. Burleson For many years mica miner (operator), also timber dealer, also hotel owner and operator
4. Both men will manage the project (See above for experience)
5. Lessees
7 (Copy of lease attached) Is in good standing
8. Both men working on salaries of late
9. One tenth in supervision.
10(a) Map of property attached. Seven well defined prospects showing on property, mica showing. Definite proof that mica exists. Pegamatite veins.
(b) Plot attached with lease.
11. Known of old as Shell Place. Now owned by Barney Winters (B. W.)
12. One mile from Spear, N. C. About eight miles from Spruce Pine, railroad. In famous pagmatite dyke section. Excellent State Road.
13 Near river. Also branch through property
14 Timber for shoring
15 Mica can be trimmed on place, shipped by truck
16 (a) Never any real mining. Pick and shovel prospecting years ago
(b) Ely Rock Mine about 300 yards away. This mine produced a lot of mica ever since it has been known as the Ely Rock Mine. Produced during World War II.
(c) Pegmatite veins found by George M. Bowman
19. Good mica plowed up all over area of property. Years ago old timers found good mica by pick and shovel pr ospecting. Mica prices then not high enough to work the property, so prospect holes filled up.
20 Startegic mica
21 Uncover prospects with bulldozer sufficiently to determine veins, their dip and strike, and whether to follow by open cut, tunnel, shaft, or incline, then to pursue the promising veins in whatever best-advantage manners indicate. Six months required
22. On the same mica lead as the well-known Ely Rock Mine, strike and dip similar, formation of mica about the same. Mica showings easily determined along lead. Map of area attached with approximate openings shown by Xs.

23.(a) Driller $60.00 per week, 26 weeks		$1,560.00
Muckers, 2		
	Mucker No 1 $40.00 week, 26 weeks	1,040.00
	Mucker No 2 (part time blacksmith) $40.00 week, 26 weeks	1,040.00
(b) Supervisor $60.00 week, 26 weeks		1,560.00
(d) Mica house and blacksmith shop		500.00
(e) or (f) Either rented or bought		1,200.00
(i) Bulldozer 2 days each, 7 openings		1,400.00
Dynamite and Gas		600.00
Compensation Insurance		700.00
(The machiner mentioned under (e) and (f) would be Air compressor, jack hammer, probably hoist, probably a pump, drill steel, hose, blasting aparatus, etc.)		
	Total	$9,600.00

24. Machinery purchased or rented	$1,000 00
Buldozer	1,400 00
Dynamite and Gas	100 00
Compensation	350 00
Labor	600 00
Supervision	240 00
Mica House and Shop,(if mica found)	500 00

Note. If bulldozer is not required 14 days, then we want the right to use remainder of bulldozer money for labor

After first month, expect to need and expend one-fifth of remainder of money every month for five months, with perhaps several hundred more of this for labor. Cannot be determined exactly.

By George M. Bowman
Signature of Authorized Agent.