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

Subject: Exploration Applications denied without field referral, Region VII

Dear Mr. Laurence:

We enclose one copy of each application pertaining to your region for cases denied without field referral. These are for your information and files.

If, in your opinion any of these properties merit further consideration, a new application will be necessary.

Copies of the following applications are included:

Docket number MDA -

1583X	2119
1675X	2151
1903	2196
1912	2197
1946	2204
1995	2224
2070	2285

Sincerely yours,

Signed 4-14-52

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

Enclosures - 14
SAFeitler:mp 4/10/52
cc: Docket File
Adm. Reading File
Mr Norton, G-232, GSA Bldg.
Mr Dietrich, 3526
Mr Houk

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. ~~1995~~ 1995X

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
CODE-370

To:	Ind. Minerals Br.	Date	8-23-51
To:	Mr Lyon	Date	9-26
To:	R + R	Date	OCT 1 1951
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DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:

SAFeitler
LGHouk

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

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

Subject: Exploration Applications denied without field referral, Region VII

Dear Mr. Laurence:

We enclose one copy of each application pertaining to your region for cases denied without field referral. These are for your information and files.

If, in your opinion any of these properties merit further consideration, a new application will be necessary.

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Docket number DMA -

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Sincerely yours,

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Non-Metallic Minerals Division
Defense Minerals Exploration
Administration

Enclosures: - 14
SAFeitler:mp 4/10/52
cc: Docket File
Adm. Reading File
Mr. Norton, C-232, DMA Bldg.
Mr. Dietrich, 3526
Mr. Houk

FILE COPY
SURNAME:

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

370

Waskey

OCT 23 1951

Mr. George M. Bowman
Bowman, Burleson & Burleson
Elk Park, North Carolina

Subject: DMA-1955X - Mica
Happy Hill No. 2 Mine

Dear Mr. Bowman:

Replying to your letter of October 9, 1951, we have carefully re-checked data on the Happy Hill No. 2 Mine and regret that we are unable to justify a re-opening of subject application.

It is correct that the Happy Hill No. 2 Mine was worked by Mr. Burleson and Mr. Buchanan using machinery furnished by Colonial Mica Corporation; it is also true that Colonial purchased mica from this operation. Unfortunately, only a very small amount of this mica was of a quality which would qualify as strategic at the present time, the bulk of the mica purchased was classed as No. 2 inferior, which does not meet our present standards.

Sincerely yours,

SIGNED

Tom Lyon, Director
Supply Division

J.J. 10-23

RWASKEY:mp
10-17-51
cc: Field Team, Region VII (2)
DMA Docket File
Mr. Barr
Administrator's Reading File

370

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

OCT 11 9 19 AM '51

BOWMAN'S BOOK AND MINERAL HOUSE

GEORGE M. BOWMAN,
OWNER, MANAGER

ELK PARK, N. C.

BOOKS, RELIGIOUS
BOOKS, EDUCATIONAL

October 9, 1951

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.

Mr. Tom Lyon, Director, Supply Division,
Defense Mineals Administration,
Washington, D. C.

Dear Mr. Lyon:

Reference to your letter of October 1, 1951, concerning Application Loan No DMA-1995X - Mica, there is some great mistake concerning this mine.

There are two Happy HILL Mines, one about fifty yards above the Happy Hill No 2. The No 1 is controlled by the Brown interests and is on a Dellinger Farm. It was mined years ago and produced from a deep shaft black or spotted and ruled Mica.

The No 2 Mine, the mine the Burlesons and I have under le lease is the lower Happy Hill Mine and is owned by Pierce Hughes and his wife, Arizona Hughes. Machinery was allowed for this mine to Dayton Burleson and Herb Buchanan during World War II. They mined it only four days when the Colonial quit buying mica and sold from it over four hundred dollars of mica, the same grade mica as from the Birch Mine which is only several hundreds from the Happy Hill No 2, and produced thousands of dollars worth of mica for the Colonial during World War II. In fact this Happy Hill Mine No 2 is on the same lead as the Birch and perhaps is the same vein.

Now again there is a mine just across from Pierce and Arozona Hughes's on their property and has been mined by Fred Taylor and others. This mine too is not the Happy Hill No 2. It too perhaps produces spotted mica and ruled mica. However the Happy Hill No 2 does not produce specked mica nor doest it produce ruled mica as you term it. However it was sold as light ruby mica to the Colonial.

I have contacted Mr. Peyton of the Bureau of Mines in Asheville and he advised me to write you fully as to this Happy Hill No 2 Mine and to give you the details as I have done.

So please write me at once just what you aim to do about it. There is certainly some mix-up, since this mine leased by us gives strategic mica or at least did during World War II, because it was sold to the Colonial and machinery was loaned for its mining during World War II/

Please write me at once so that I may know just what to do about it.

Very truly yours,

George M. Bowman

Please make every investigation concerning this mine

Copy to 9-25

IN REPLY REFER TO:
G-MD-WRG

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

October 12, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

Denied 9-26-51

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

Subject: Letter of October 9, 1951 from George M. Bowman concerning Application DMA-1995X for exploration of the Happy Hill Mine.

The Survey file data is on the mine described by Bowman because:

1. It was worked in the fall of 1944 by Dayton Burleson and Herbert Buchanan.
2. It is owned by J. P. Hughes, which, if I remember correctly is the signature on the lease, and is not owned by the Brown interests, or Dillinger, ~~or~~
3. It is the deposit in that vicinity from which Colonial bought a small amount of mica.

Until the end of 1944 Colonial Equipment was available to miners selling green mica as well as those selling ruby mica. Colonial also bought such mica until January 1, 1945, which is the time Dayton Burleson and Herbert Buchanan quit mining the Happy Hill mine according to our records. Several mines that produced mainly black stained mica did get Colonial Equipment, as there was some by-product clear mica from them or the quality of the mica was uncertain when the explorations began. The Jake Ollis, Corn, Tom Cantrell, and Goog Rock are examples of such mines.

W R Griffitts

W. R. Griffitts

U. S. Geol. Survey
CONFIDENTIAL
For use of
U. S. Government
only

HAPPY HILL (JEFF BURLESON) MICA MINE
MITCHELL COUNTY, NORTH CAROLINA

Production

Mica

Records compiled by J. C. Olson on the production of mica from the Happy Hill mica mine during the period June 3, 1930 to September 4, 1930, are as follows:

	Pounds	Total value	Average price per lb.
Total sheet	227.3	$116	.51
Total punch	1,855.0	93	.05
Total (?) scrap	10,470.0	48	.0046
Total production	12,552.3	257	.02

Sheet mica

Clear			Stained		
Size	Pounds	% of total clear	Size	Pounds	% of total stained
3 x 4	0.5		4 x 6	9	4.55
3 x 3	1.5		3 x 5	17	8.59
2 x 3	7		3 x 4	13	6.57
2 x 2	9.5		3 x 3	22	11.12
1½ x 2	11		2 x 3	42	21.23
			2 x 2	63	31.85
			other	31.8	16.08
Total	29.5	100		197.8	99.99

$\frac{\text{Sheet}}{\text{Sheet \& punch}} = 11\%$ $\frac{\text{Punch}}{\text{Sheet \& punch}} = 89\%$ $\frac{\text{Scrap}}{\text{Total production}} = 83\%$

The records of the Colonial Mica Corporation show the following purchases of strategic mica produced from the Happy Hill mica mine during the period September 25 to December 25, 1944:

Period	Grade %No.1	Grade %No.2	Grade %No.2 Inf.	Pounds	Value
Sept. 25-Oct. 25	--	8	92	111.12	$712.58
Oct. 25-Nov. 25	--	34	66	29.00	182.24
Nov. 25-Dec. 25	--	--	--	- - -	---
Totals				140.12	$894.82

Feldspar

Jess McKinney states that a small amount of feldspar was sold from the mine during its early operation.

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

370

OCT 1 1951

A.E.C.

Memorandum

To: Reports and Records Unit, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1995X - George M Bowman
Commodity: Mica
Amount: 90% of $9.420.00

Denial recommended because:

1. No sound basis established for expecting to find strategic mica has been shown.

2. Wartime production records indicate that mica from the deposit was non-ruby, spotted, wavy and contained inclusions, and hence, would not qualify at this time as strategic.

Attached:
1. Form MF-103 with supplemental information in triplicate.
2. Letter dated 9/20/51 from W. R. Griffitts.

James A. Barr

James A. Barr, Sr.

Approved:

Tom Lyon

Director, Supply Division

FILE COPY
SURNAME:

Worley
Barr

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

370

September 25, 1951

OCT 1 1951

a. EC

Memorandum

To: Reports and Records Unit, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1995X - George M Bowman
Commodity: Mica
Amount: 90% of $9,420.00

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2. Letter dated 9/20/51 from W. L. Griffitts.

James A. Barr, Jr.

Approved:

Tom Lyon

Director, Supply Division

RWASKEY:mp
cc: Field Team, Region VII (2)
DMA Docket File
Mr. Barr

FILE COPY
SURNAME:

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

370

Wanted Barr

ASKEY:mp
25-51

cc: Field Team, Region VII (2)
DMA docket file
Mr. Barr

OCT 1 1951

a.E.C.

Mr. George H. Bowman
Bowman, Burleson & Burleson
Elk Park, North Carolina

Subject: DMA-1995X - mica

Dear Mr. Bowman:

Your application for aid for an exploration project on mica deposit located in Mitchell County, North Carolina, and docketed as DMA-1995X, has been reviewed by this office.

Projects approved by the Defense Minerals Administration must, in its judgment, show definite promise of yielding material of acceptable grade, physical character and specifications, in quantities that will significantly improve the mineral supply position for National Defense.

A very careful study of your proposal revealed the following:

1. No sound basis for expecting to find significant amounts of strategic grade mica in the deposit has been demonstrated.

2. Production records covering wartime operation of the deposit indicate that mica produced would not qualify as strategic at this time as it was non-ruby in color, black spotted, ruled and contained inclusions of other minerals.

Under these circumstances, your application for exploration aid to the extent of 90% of $9,420 is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Unless we receive a request within 30 days, we will consider the case closed.

Sincerely yours,

OCT 1 1951

Tom Lyon
Tom Lyon, Director
Supply Division

IN REPLY REFER TO:

G-MD-WRG

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

September 20, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

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

Subject: Application DMA-1995 from George M. Bowman, C. C. Burleson, and Wilt Horton Burleson, for mica exploration at the Happy Hill Mine, Mitchell County, North Carolina.

A report in the Geological Survey files prepared by Richard W. Lemke in January, 1945 states that all but a small block of pegmatite has been mined in this deposit and that the mica is green. The mica was of low quality because of black spots, inclusions of quartz, garnet, and feldspar and ruling.

The rock is badly fractured, hence was hard to support during the war-time operation. Subsequent caving probably has loosened the ground overlying the workings.

In an operation in 1930, a little over 200 pounds of mica was obtained, only 1/7 of which was clear, the rest was black stained. In the fall of 1944, the Colonial Mica Corporation bought 140.12 pounds of mica from the deposit, only 12 percent of which was good-stained or better in quality. Most of the mica sold was smaller than $1\frac{1}{2}$ x 2 inches in size.

It is recommended that the application be denied because the mica is of non-strategic quality and the reserves probably are too small to justify much expense by exploration.

W. R. Griffitts

W. R. Griffitts

August 23, 1951

Mr. George M. Bowman
Bowman, Burleson & Burleson
Elk Park
North Carolina

Subject: DMA-1995
Re: Exploration Loan
Old Pittman Place

My dear Mr. Bowman:

This will acknowledge receipt of your application dated August 21, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-1995 and referred to the Industrial Minerals Branch.

Kindly refer to DMA-1995 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

IN REPLY REFER TO:
G-MD-WRG

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

October 12, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

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

Subject: Letter of October 9, 1951 from George M. Bowman concerning Application DMA-1995X for exploration of the Happy Hill Mine.

The Survey file data is on the mine described by Bowman because:

1. It was worked in the fall of 1944 by Dayton Burleson and Herbert Buchanan.
2. It is owned by J. P. Hughes, which, if I remember correctly is the signature on the lease, and is not owned by the Brown interests or Dillinger.
3. It is the deposit in that vicinity from which Colonial bought a small amount of mica.

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W. R. Griffitts

cc: DMA

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

Docket No. DMA 1995

Date received AUG 23 1951

Participation

George M. Bowman,
C. C. Burleson
And
Wilt Horton Burleson

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

Name and address of applicant

Date August 21, 1951

FILL IN THIS BLOCK

Date of application August 21, 1951

Estimated cost $9,420.00

Mineral or metal Mica

Percentage of Government participation $8,478.00

Location of mine About three miles of Spear, N. C.

Date of filing MF-100

DMA Docket Number, if available 1995

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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

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

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

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

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

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

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

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

CERTIFICATION

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

HappY Hill Mining Company
(Name of company)

By George M Bowman
(Signature of authorized official)

August 21, 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

1 Partnership
2. George M. Bowman, Elk Park, N. C., C. C. Burleson, Minneapolis, and Wilt Horton Burleson, Minneapolis, N. C.
3. George M. Bowman for years mica mine operator and Mineral Dealer, C. C. Burleson for years Mica Mine Operator, Wilt Horton Burleson for several years Mica Mine Operator, Mica Cutter, etc.
4. All three men will manage project. See above for experience, etc.
5. Lessees
7. Copy of lease is attached. In good standing. Time clause to start.
8. Bowman, Sup't Schools for a number of years, C. C. Burleson in timber business. Wilt Horton Burleson in Restaurant business for some little time.
9. One tenth in Supervision
10 (a) 64 acres in tract. Happy Hill and other pegmatite veins. Happy Hill opening about 16 to 20 feet. Vein to be determined.
(b) Lease Attached.
11. Known as the Old Pittman Place. Described on lease.
12 About three miles from Spear, N. C. In famous Pegmatite Dyke section, railroad 12 miles. Old State road to within 200 yards of mine
13. 300 yards to water or near that
14 Timber for shoring 15. Mica shipped by truck
16 (a) Not known of any machinery mining. Hand mining
(b) Near famous Birch Mine, also famous Landers Mine, Also famous Hawk Mine
(c) Some good mica sold at hand mining
19. On same lead as famous Birch Mine 3 or 4 hundreds yards distance
20 Good mica
21 Repair road to Mine. Remove surface and make better opening with bulldozer. then follow vein with tunnel, incline, shaft. Then to pursue vein in best way and methods indicated. Six months required.
22 One same lead as Birch Mine and right in heart of pegmatite veins of (a) most famous mining district in Avery County. Every indication for mica.

23. Driller $60.00 per week, 26 weeks	$1,560.00
Muckers 2. Mucker No 1 $40.00 per week 26 weeks	1,040.00
Mucker 2 (part time blacksmith) $40.00 per week 26 weeks	1,040.00
(b) Supervisor $60.00 week, 26 weeks	1,560.00
(d) Mica Hose and Blacksmith shop	500.00
(e) or (f) Rented or bought	1,700.00
(i) Bulldozer 2 days repairing road, 7 days removing surface etc	720.00
Dynamite and Gas	600.00
Compensation Insurance	700.00
Total	$9,420.00

Machinery extimated above includes compressor, jack-hammer, hoiste, a pump for bringing in water, probably a second pump if water is encountered, steel, blasting apparatus, hose, steel rails, car, etc.

24. Machinery purchased or rented	$1,500.00
Buldozer	720.00
Dynamite and Gas	100.00
Compensation	350.00
Labor	600.00
Supervision	240.00
Mica house and shop, if mica found	500.00

If bulldozer is not required for full $720, want to use the remainder for labor.

After first month, expect to need and expend one-fifth of remainder of money every month for five months or more every month, if labor demands it. Cannot determine exactly. It all depends further how mine turns out. Do not expect to use borrowed money, if paying mica is found.

By George M. Bowman
Signature of Authorized Agent.

Copy of lease attached

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 1995

Date received 8-23-51

Participation

George M. Bowman,
C. C. Darleson
and
Wilt Morton Darleson

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

Minneapolis, N. C.

Name and address of applicant

Date August 21, 1951

FILL IN THIS BLOCK

Date of application August 21, 1951

Estimated cost $9,420.00

Mineral or metal Mica

Percentage of Government participation $8,478.00

Location of mine About three miles of Spear, N. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 23 1951

Date of filing MF-100

DMA Docket Number, if available 1995

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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

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

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

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

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

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

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

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

CERTIFICATION

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

Happy Hill Mining Company (Name of company)

By George M. Bannerman (Signature of authorized official)

August 21, 1961 (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

1 Partnership
2. George M. Bowman, Elk Park, N. C., C. C. Burleson, Minneapolis, and Wilt Horton Burleson, Minneapolis, N. C.
3. George M. Bowman for years mica mine operator and Mineral Dealer, C. C. Burleson for years Mica Mine Operator, Wilt Horton Burleson for several years Mica Mine Operator, Mica Cutter, etc.
4. All three men will manage project. See above for experience, etc.
5. Lessees
7. Copy of lease is attached. In good standing. Time clause to start
8. Bowman, Sup't Schools for a number of years, C. C. Burleson in timber business. Wilt Horton Burleson in Restaurant business for some little time.
9. One tenth in Supervision
10 (a) 64 acres in tract. Happy Hill and other pegmatite veins. Happy Hill opening about 16 to 20 feet. Vein to be determined.
xxx (b) Lease Attached.
11. Known as the Old Pittman Place. Described on lease.
12 About three miles from Spear, N. C. In famous Pegmatite Dyke section, railroad 12 miles. Old State road to within 200 yards of mine
13. 300 yards to water or near that
14 Timber for shoring 15. Mica shipped by truck
16 (a) Not known of any machinery mining. Hand mining
(b) Near famous Birch Mine, also famous Landers Mine, Also famous Hawk Mine
(c) Some good mica sold at hand mining
19. On same lead as famous Birch Mine 3 or 4 hundreds yards distance
20 Good mica
21 Repair road to Mine. Remove surface and make better opening with bulldozer, then follow vein with tunnel, incline, shaft. Then to pursue vein in best way and methods indicated. Six months required.
22 One same lead as Birch Mine and right in heart of pegmatite veins of (a) most famous mining district in Avery County. Every indication for mica.

23. Driller $60.00 per week, 26 weeks		$1,560.00
Muckers 2. Mucker No 1 $40.00 per week 26 weeks		1,040.00
Mucker 2 (part time blacksmith) $40.00 per week 26 weeks		1,040.00
(b) Supervisor $60.00 week, 26 weeks		1,560.00
(d) Mica Hose and Blacksmith shop		500.00
(e) or (f) Rented or bought		1,700.00
(i) Bulldozer 2 days repairing road, 7 days removing surface etc		720.00
Dynamite and Gas		600.00
Compensation Insurance		700.00
Machinery extimated above includes compressor, jack-hammer, hoists, a pump for bringing in water, probably a second pump if water is encountered, steel, blasting apparatus, hose, steel rails, car, etc.		
	Total	$9,420.00

24. Machinery purchased or rented	$1,500.00
Buldozer	720.00
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Labor	600.00
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Mica house and shop, if mica found	500.00

If bulldozer is not required for full $720, want to use the remainder for labor.

After first month, expect to need and expend one-fifth of remainder of money every month for five months or more every month, if labor demands it. Cannot determine exactly. It all depends further how mine turns out. Do not expect to use borrowed money if paying mica is found.

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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By George M Bowman
Signature of Authorized Agent.

Mr. George M. Bowman,
Elk Park
North Carolina

Re: Exploration Program
Mica, Monazite

Dear Mr. Bowman:

We have a request from the Hon. Clyde R. Hoey to furnish you with information on Government assistance in exploring for mica or monazite.

We are very glad to enclose forms and general information on the subject.

In general the Government will contribute 90% toward a qualified project to explore for mica and monazite. The applicant is required to contribute 10% of the cost in the form of cash or labor or equivalent.

The Government's part to be repaid out of profits, if any, within 10 years, after which the loan if duly unpaid, is cancelled.

If you wish to apply for such assistance, you may fill out the enclosed forms and return to the Defense Minerals Administration, Washington 25, D. C.

Sincerely yours,

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

Enclosures
JABARR:mp
8/14/51
cc: Hon. Clyde R. Hoey
Hon. R. D. Searles
210
Mr. Barr
DMA Files

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

370

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Elk Park
North Carolina

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