DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

~~DMEA~~ ~~DMA~~ Docket No. 2411

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This document has been recorded as

EXPLORATION PROJECT

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

Routing Slip

To:	Code 600, Rm. 4637	Date	3-5-52
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CONTROLLED DOCUMENT

600

MAY 1 1952

Mr. C. L. Bateman
Route 3
Franklin, North Carolina

Subject: Docket No. DMEA-2411 - Mica
Clyde Bateman Mine
Macon County, North Carolina

Dear Mr. Bateman:

Reference is made to your above application for exploration assistance at the Clyde Bateman Mine, near Burningtown Creek in Macon County, North Carolina.

Your original application for assistance in exploring this mine, Docket No. DMEA-2281, was denied January 22, 1952. You submitted additional information about the mine in February of this year. This was combined with the old application, assigned the number DMEA-2411, and reprocessed.

Careful consideration of all the data leads to the conclusion that this mine does not offer promise of a significant discovery of strategic mica. The Government is, therefore, unable to participate in your exploration program and your application is denied.

We wish to thank you for your willingness to cooperate in the effort to increase the supply of strategic minerals.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:gad 4/30/52

Copy to: Admin. Reading File
Operating Committee
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Docket File
Mr. Houk

Field Team, Region VII

600

MAR 27 1952

Mr. C. L. Bateman
Route 3
Franklin, North Carolina

Subject: Docket No. DMEA-2411 - Mica
Clyde Bateman Mine
Macon County, North Carolina

Dear Mr. Bateman:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 1, Tennessee, for further information.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:mp 3/24/52
cc: Adm. Reading File
Mr. Norton, G-232, GSA Bldg.
Mr. Dietrich, 3526
Region VII (2)
Docket File
Mr. Houk

600

MAR 27 1952

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

Subject: Docket No. DMEA-2411 - Mica
(Formerly DMEA-2281)
Clyde Bateman Mine
Macon County, North Carolina

Dear Mr. Laurence:

This letter is in reference to the above application for exploration aid filed by Mr. C. L. Bateman December 12, 1951. It was assigned Docket No. DMEA-2281. This application was denied on the 22nd of January, 1952, but Mr. Bateman apparently was afraid we were overlooking a good bet.

On February 22, 1952, Mr. Frank Siersma, writing for Mr. Bateman, presented certain additional information and asked that these facts be given further consideration. This letter was added to the old application and a new docket number applied.

Please arrange for an examination of this property when the Field Team is in the vicinity as the additional information includes the statement that Mr. Bateman sold a sample from the mine last summer and still has 500 to 600 pounds of sheeted mica on hand.

If the Field Team finds the situation favorable, a suitable, conservative, yet complete program of exploration should be prepared in conference with the applicant. Limits of the leasehold should be indicated on the map if they are near the proposed work.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

SAFeitler:mp 3/25/52

cc: Operating Committee
Adm. Reading File
Docket File
Mr. Norton, G-232, GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

Enclosures - 5
Approved:

J. H. Hedges

For Bureau of Mines

T. P. Thayer

For Geological Survey

COPY

Room 13, Post Office Building
Knoxville 2, Tennessee

April 21, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, DMEA

From: DMEA Field Team, Region VII

Subject: DMEA-2411, Clyde Bateman Mine (mica)

Transmitted herewith are four copies of field examination report of the above subject examination.

The Field Team concurs in the recommendation for denial of this application.

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

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

Enclosure

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2411

CLYDE BATEMAN MINE
(Mica)

Macon County, North Carolina

Department of Commerce
Defense Mineral Exploration Administration
Library
APR 21 1952

By

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

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

April 16, 1952

Released by
DMEA OPERATING COMMITTEE
4-25-52
(Kb) (Date)

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Field Team Examination on the
CLYDE BATEMAN MINE
DMEA-2411, (mica).

The Clyde Bateman property is located along the northwest side of Burningtown Creek, 7 miles N. 76° W. of Franklin, Macon County, N. C. The mine is about 1000 feet west of Younce Creek Road.

At this place a pegmatite between 3 and 4 feet thick has been exposed in a 25-foot incline. It strikes N. 40° W., dipping 15-30° NE. The pegmatite is not zoned; it consists of medium coarse perthite, smokey quartz, muscovite and biotite. The perthite is semi-kaolinized. Quartz occurs as small grains and as irregularly scattered lenses up to 6 inches in thickness. Biotite occurs as individual books and as intergrowth with muscovite. The pegmatite is enclosed by biotite gneiss, the foliation of which strikes N. 45° E, and dips 50-60° NW.

The muscovite occurs adjacent to the small quartz lenses. The mica is hard, clear, and ruby colored; most of it is bent, cracked and contains air pockets. Some of the books split poorly and others contain "pin" holes. All of the mica exposed is in small sizes, although one book 5 x 6 inches is reported to have been obtained from the incline.

Because of the apparent limited sizes of the pegmatite, and the quality of the mica, the Field Team recommends that the loan request be refused.

April 16, 1952.

A. L. Peyton, USBM

K.H. Teague, USGS

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

May 23, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2411, Clyde Bateman Mine (mica).

I concur in the field team's recommendation to deny subject application on the basis of limited size of the deposit and poor quality of the mica.

W. F. Dietrich

W. F. Dietrich

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 23 1952

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

May 23, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2411, Clyde Bateman Mine (mica).

I concur in the field team's recommendation to deny subject application on the basis of limited size of the deposit and poor quality of the mica.

W. F. Dietrich

FILE COPY
SURNAME:

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

MAY 1 1952

Sel
Feitler
Houk
Rulhman
Lemmon
Hedges
Johnson

Mr. C. L. Bateman
Route 3
Franklin, North Carolina

Subject: Docket No. DMEA-2411 - Mica
Clyde Bateman Mine
Macon County, North Carolina

Dear Mr. Bateman:

Reference is made to your above application for exploration assistance at the Clyde Bateman Mine, near Burningtown Creek in Macon County, North Carolina.

Your original application for assistance in exploring this mine, Docket No. DMEA-2281, was denied January 22, 1952. You submitted additional information about the mine in February of this year. This was combined with the old application, assigned the number DMEA-2411, and reprocessed.

Careful consideration of all the data leads to the conclusion that this mine does not offer promise of a significant discovery of strategic mica. The Government is, therefore, unable to participate in your exploration program and your application is denied.

We wish to thank you for your willingness to cooperate in the effort to increase the supply of strategic minerals.

Sincerely yours,

C. O. Mittendorf (fw)

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:gad 4/30/52

Copy to: Admin. Reading File
Operating Committee
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Docket File
Mr. Houk
Field Team, Region VII

IN REPLY REFER TO:

G-MD-JJN

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

April 25, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2411 (Mica)

To: Non-Metallic Minerals Division, DMEA
From: J. J. Norton, U. S. Geological Survey
Commodity: Mica.
Applicant: C. L. Bateman
Name of property: Clyde Bateman.
Location of property: 7 miles N. 76° W. from Franklin, Macon County, North Carolina.
Field team's recommendation:
Denial
Comments:
None
ACTION SUGGESTED:
Follow field team's recommendations.

J. J. Norton

J. J. Norton

APR 28 1952

IN REPLY REFER TO:

G-ML-JJN

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

April 25, 1952

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2411 (Mica)

To: Non-Metallic Minerals Division, DMEA
From: J. J. Norton, U. S. Geological Survey
Commodity: Mica.
Applicant: C. L. Bateman
Name of property: Clyde Bateman.
Location of property: 7 miles N. 76° W. from Franklin, Macon County, North Carolina.
Field team's recommendation:
Denial
Comments:
None
ACTION SUGGESTED:
Follow field team's recommendations.

J. J. Norton

Norton:jeh
G-4/25/52
cc: Director's reading file 4212
Branch " " "
DMEA ✓
Norton G-230

OFFICE OF THE ADMINISTRATOR

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

April 21, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, DMEA

From: DMEA Field Team, Region VII

Subject: DMEA-2411, Clyde Bateman Mine (mica)

Transmitted herewith are four copies of field examination report of the above subject examination.

The Field Team concurs in the recommendation for denial of this application.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 2 1952

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

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

Enclosure

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2411

CLYDE BATEMAN MINE
(Mica)

Macon County, North Carolina

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
LIBRARY
APR 28 1952

By

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

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

April 16, 1952

Reviewed by
DMEA OPERATING COMMITTEE
4/25/52
(Rb) (date)

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Field Team Examination on the
CLYDE BATEMAN MINE
DMEA-2411, (mica).

The Clyde Bateman property is located along the northwest side of Burningtown Creek, 7 miles N. 76° W. of Franklin, Macon County, N. C. The mine is about 1000 feet west of Younce Creek Road.

At this place a pegmatite between 3 and 4 feet thick has been exposed in a 25-foot incline. It strikes N. 40° W., dipping 15-30° NE. The pegmatite is not zoned; it consists of medium coarse perthite, smokey quartz, muscovite and biotite. The perthite is semi-kaolinized. Quartz occurs as small grains and as irregularly scattered lenses up to 6 inches in thickness. Biotite occurs as individual books and as intergrowth with muscovite. The pegmatite is enclosed by biotite gneiss, the foliation of which strikes N. 45° E, and dips 50-60° NW.

The muscovite occurs adjacent to the small quartz lenses. The mica is hard, clear, and ruby colored; most of it is bent, cracked and contains air pockets. Some of the books split poorly and others contain "pin" holes. All of the mica exposed is in small sizes, although one book 5 x 6 inches is reported to have been obtained from the incline.

Because of the apparent limited sizes of the pegmatite, and the quality of the mica, the Field Team recommends that the loan request be refused.

April 16, 1952.

A. L. Peyton, USBM

K.H. Teague, USGS

FILE COPY
SURNAME:

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

600

MAR 27 1952

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

Subject: Docket No. DMEA-2811 - Mica
(Formerly DMEA-2281)
Clyde Bateman Mine
Macon County, North Carolina

Dear Mr. Lawrence:

This letter is in reference to the above application for exploration aid filed by Mr. C. L. Bateman December 12, 1951. It was assigned Docket No. DMEA-2281. This application was denied on the 22nd of January, 1952, but Mr. Bateman apparently was afraid we were overlooking a good bet.

On February 22, 1952, Mr. Frank Sierema, writing for Mr. Bateman, presented certain additional information and asked that these facts be given further consideration. This letter was added to the old application and a new docket number applied.

Please arrange for an examination of this property when the Field Team is in the vicinity as the additional information includes the statement that Mr. Bateman sold a sample from the mine last summer and still has 500 to 600 pounds of sheeted mica on hand.

If the Field Team finds the situation favorable, a suitable, conservative, yet complete program of exploration should be prepared in conference with the applicant. Limits of the leasehold should be indicated on the map if they are near the proposed work.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

SAFeitler:mp 3/25/52

cc: Operating Committee
Adm. Reading File
Docket File
Mr. Norton, G-232, GSA Bldg.
Mr. Dietrich, 3526
Mr. Houk

Enclosures - 5

Approved:

J. H. Hedges

For Bureau of Mines

E. P. Thayer

For Geological Survey

FILE COPY
SURNAME:

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

600

MAR 27 1952

Mr. C. L. Bateman
Route 3
Franklin, North Carolina

Subject: Docket No. DMEA-2411 - Mica
Clyde Bateman Mine
Macon County, North Carolina

Dear Mr. Bateman:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 1, Tennessee, for further information.

Sincerely yours,

C. O. Mittendorf (for)

Acting Administrator
Defense Minerals Exploration
Administration

SAFeitler:mp 3/24/52
cc: Adm. Reading File
Mr. Norton, G-232, GSA Bldg.
Mr. Dietrich, 3526
Region VII (2)
Docket File
Mr. Hour

D.N.
3-27-52

C O P Y

UNITED STATES DEPRATMENT OF THE INTERIOR
Geological Survey
Washington 25, D. C.

March 20, 1952

24.11

Memorandum

To: L. G. Houk, Non-Metallic Minerals Division
Defense Minerals Exploration Administration

From: J. J. Norton, U. S. Geological Survey

Subject: Review of new data submitted to supplement four mica applications from Franklin, North Carolina, which previously were reviewed by this office and found to contain insufficient data to warrant field examination.

1. Zeb Angel's application DMEA-2409 for the Angel Wildes prospect, preciously reviewed by this office on December 26, 1951, as DMEA-2220.

2. Zeb Angel's application DMEA-2410 for the Ortha Roper prospect, previously reviewed by this office on December 26, 1951, as DMEA-2258.

3. C. L. Bateman's application DMEA-2411 for the Clyde Bateman prospect, previously reviewed by this office on December 27, 1951, as DMEA-2281.

4. Randall Mining Company's application DMEA-2412 for the Randall prospect, previously reviewed by this office on December 26, 1951, as DMEA-2284.

RECOMMENDATIONS: I am somewhat uncertain what policy DMEA will adopt for mica in the future, and for this reason I do not know precisely what to recommend on these applications. It has been a fundamental assumption in the philosophy governing DMEA, as we understand it, that the exploration program should be directed toward discovery of <u>significant</u> deposits. In processing applications of this sort, however, we can fritter away a large amount of energy with little chance of making significant discoveries. Consequently, I find it impossible to be enthusiastic about applications like these and others that we have received from the Franklin, North Carolina, group. In this state of uncertainty, I cannot confine my recommendations to a single suggestion for each of these applications, but instead I offer a choice of the following alternatives:

1. The best plan is to hold these applications in abeyance pending clarification of DMEA mica policy now that the GSA purchase program has been announced.

2. A second possibility is denial on the ground that none of the applications have demonstrated a reasonable chance of finding a significant deposit. This plan is most suitable for Zeb Angel's application DMEA-2409 for the Angel-Wildes prospect.

3. Another possibility is denial on the ground that the applicant's date indicate that the most suitable plan for operating this prospect is as follows: (A) the applicant should operate the property by pits and/or underground work, defraying part of his expenses by the sale of mica to GSA. (B) when and if this work results in evidence that a larger exploration program may result in discovery of a significant deposit, a new application should be submitted to DMEA. This plan is most appropriate for C. L. Bateman's application DMEA-2411 for the Clyde Bateman prospect. No applicant should be advised to follow this procedure until GSA has offered assurance that they are ready to purchase mica in the southeast.

4. Still another possibility is to instruct the applicant to clean out the pits and underground openings so that the pegmatite is well exposed and a field examination can be made. This plan is most suitable for Zeb Angel's application DMEA-2410 for the Ortha Roper prospect.

5. The final possibility is referral to the field team. The Randall Mining Company's application DMEA-2412 for the Randall prospect is most nearly suitable for field examination.

J. J. Norton

Norton:jeh:mp
G-3/20/52

C O P Y

cc: Director's reading file 4212
Branch Reading file 4212
DMEA
Norton USGS

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

March 12, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-2411, Clyde Bateman Mine
(formerly DMEA-2281)

and

DMEA-2412, Randall Mining Company
(formerly DMEA-2284)

DMEA-2411: We have no data on this property, but the supplementary information supplied by applicant on February 22, 1952, seems to justify an investigation when the field team is in the vicinity.

DMEA-2412: If the sample submitted by applicant proves acceptable, an investigation is recommended when the field team is in the vicinity.

W. F. Dietrich

W. F. DIETRICH

NATIONAL MINERS' ASSOCIATION

HIGHLANDS RD. AT MAIN ST.

FRANKLIN, NORTH CAROLINA

A CONFEDERATION OF AMERICAN MINERAL MINERS

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
FEB 26 9 38 AM '52

D

ANDREW W. REID
CHAIRMAN
BOARD OF DIRECTORS

ROY H. FOUTS
SECRETARY

HARRY PATTON
TREASURER

FRANK SIERSMA
CHAIRMAN LOCAL
MINING COMMITTEE

JUDGE C. M. TRAMMELL
CONSULTANT
717 BARR BUILDING
WASHINGTON 6, D. C.

February 22, 1952

Mr. C. O. Mittendorf
Acting Administrator
D. M. E. A.
Washington 25, D. C.

Re: ~~DMEA-2281~~ 2411
Clyde Bateman Mine

Dear Mr. Mittendorf:

Mr. C. L. Bateman has given me your letter of January 22, in which you denied his application for exploratory aid, and asked that the following information be submitted:

> Past work done consisted of a shaft 5 feet square and 30 feet deep. Mica was recovered all the way down, beginning 2 feet from top. The pegmatite surrounded the shaft and is estimated to be at least 10 feet wide.
> Strategic mica recovered sheeted up to 2" x 2" and $5.00 worth were sold last summer to Asheville Mica Company as samples. Mr. Bateman still has between 500# and 600# on hand - sheeted. He feels certain that exploration work, as stated in his application, will positively establish the presence of commercial ore bodies.

This property is located in the Burningtown Section of the Franklin Mining District and not too far from the Chalk Hill Mines, Poll Miller Mine and several other past producers. It is considered by local miners to be in the mica lead and should prove out.

I would appreciate it if you will give the above facts your further consideration - leading to the approval of Mr. Bateman's application.

Sincerely yours,

Frank Siersma

Frank Siersma

FTS:em

NATIONAL MINERS' ASSOCIATION

HIGHLANDS RD. AT MAIN ST.

FRANKLIN, NORTH CAROLINA

FEB 26 5 58 AM '52

A CONFEDERATION OF AMERICAN MINERAL MINERS

ANDREW W. REID
CHAIRMAN
BOARD OF DIRECTORS

ROY H. FOUTS
SECRETARY

HARRY PATTON
TREASURER

FRANK SIERSMA
CHAIRMAN LOCAL
MINING COMMITTEE

JUDGE C. M. TRAMMELL
CONSULTANT
717 BARR BUILDING
WASHINGTON 6, D. C.

February 22, 1952

Mr. C. O. Mittendorf
Acting Administrator
D. M. E. A.
Washington 25, D. C.

Re: DMEA ~~2281~~ 2411
Clyde Bateman Mine

Dear Mr. Mittendorf:

Mr. C. L. Bateman has given me your letter of January 22, in which you denied his application for exploratory aid, and asked that the following information be submitted:

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I would appreciate it if you will give the above facts your further consideration - leading to the approval of Mr. Bateman's application.

Sincerely yours,

Frank Siersma

Frank Siersma

FTS:em

NATIONAL MINERS' ASSOCIATION

HIGHLANDS RD. AT MAIN ST.

FRANKLIN, NORTH CAROLINA

FEB 25 1952

A CONFEDERATION OF AMERICAN MINERAL MINERS

ANDREW W. REID
CHAIRMAN
BOARD OF DIRECTORS

ROY H. FOUTS
SECRETARY

HARRY PATTON
TREASURER

FRANK SIERSMA
CHAIRMAN LOCAL
MINING COMMITTEE

JDGE C. M. TRAMMELL
CONSULTANT
717 BARR BUILDING
WASHINGTON 6, D. C.

February 22, 1952

Mr. C. O. Mittendorf
Acting Administrator
D. M. E. A.
Washington 25, D. C.

Re: DMEA-2281
Clyde Bateman Mine

Dear Mr. Mittendorf:

Mr. C. L. Bateman has given me your letter of January 22, in which you denied his application for exploratory aid, and asked that the following information be submitted:

> Past work done consisted of a shaft 5 feet square and 30 feet deep. Mica was recovered all the way down, beginning 2 feet from top. The pegmatite surrounded the shaft and is estimated to be at least 10 feet wide.
> Strategic mica recovered sheeted up to 2" x 2" and $5.00 worth were sold last summer to Asheville Mica Company as samples. Mr. Bateman still has between 500# and 600# on hand - sheeted. He feels certain that exploration work, as stated in his application, will positively establish the presence of commercial ore bodies.

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I would appreciate it if you will give the above facts your further consideration - leading to the approval of Mr. Bateman's application.

Sincerely yours,

Frank Siersma

FTS:em

Frank Siersma

FILE COPY
SURNAME:

600

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

Houk
Norton
Dietrich
Mayer
Hedges
Johnson

JAN 22 1952

BN

Mr. C. L. Bateman
Route 3
Franklin, North Carolina

Re: DMEA 2221 - Mica
Clyde Bateman Mine
C. L. Bateman

Dear Mr. Bateman:

Your application for exploration assistance at the Clyde Bateman Mine in Macon County, North Carolina, has been reviewed by this office.

A careful study of your proposal does not show that the probability of making a significant discovery of strategic mica is encouraging enough to warrant Government participation in this work.

Projects for approval by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding strategic minerals in quantities that will materially improve our mica supply position for national defense. Your application is herewith denied.

The Defense Minerals Exploration Administration wishes to thank you for making this application and regrets that we cannot approve expenditure of U. S. Government funds for exploration assistance on your property.

Sincerely yours, 1-22-52

C. O. Mittendorf (fw)

Acting Administrator
Defense Minerals Exploration
Administration

LGHouk/meb
1-11-52
cc to: Adm.Reading File
Mr. ~~Josephson~~ Dietrich
Mr. Norton
Mr. Houk
Reg.VII(2)
Docket File Copy

December 27, 1951

Memorandum

To: Non-metallic Minerals Div. Strategic Minerals Exploration Activities

From: Donald H. Kupfer U. S. Geological Survey

Subject: C. L. Bateman's (USMM 2281) application for aid in exploring the Clyde Bateman prospect for pegmatite minerals. (mica)

Location of prospect: near Burmington, about 8 miles WNW of Franklin, Macon County, North Carolina

Recommendation (check one):

✓ 1. Deny the application.

2. Request applicant for more data.

Reasons (check all applicable statements):

✓ 1. The application does not contain specific reasons to show why the prospect is considered worth while. Insufficient evidence is presented to show that the prospect merits a field examination.

2. A sketch map of the property is needed showing size and location of deposits.

✓ 3. The location of the property is inadequately described.

4. The name of the prospect is inadequate identification. Several mines and prospects having this name are in this district, and the applicant does not show exactly which one this application covers.

5. This is apparently an old mine or prospect, but the applicant's description of the workings is incomplete.

6. Production figures given in the application are quite inadequate, and it seems probable that better data can be obtained.

✓ 7. The applicant gives no information on the quality and size of the mica.

8. A sample of the mica should be requested.

9. The applicant's property certainly has some (beryl, tantalite-columbite, cassiterite) but no evidence has been provided to show that there is any chance of finding a marketable deposit. The applicant should be asked to submit sample(s) from his prospect containing at least (20 pounds of beryl, 5 pounds of tantalite-columbite, 5 pounds of cassiterite).

10. The applicant's proposed expenditures for supervision and overhead are disproportionately large in relation to expenditures for actual exploration.

11. The suggested program of exploration is vague and incomplete.

✓ 12. We can find no information in our files on this property.

13. This property has previously been examined, and the report in our files indicates that exploration is not worth-while unless the applicant can provide new evidence that a discovery may be made.

14. Other:

Copy to: Branch Reading File, [illegible]
USMM
Marion, G-250, [illegible]

Donald H Kupfer

EXPLORATION

Subject: DMEA-2281
Re: Exploration Loan
Clyde Bateman Mine

Mr. C. L. Bateman
Route 3
Franklin, North Carolina

My dear Mr. Bateman:

This will acknowledge receipt of your application dated November 8, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2281 and referred to the Non-Metallics Division.

Kindly refer to DMEA-2281 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams,
Acting Administrative Officer

7862

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. DMEA-228T 2411
Metal or Mineral
Date Received 12-12-51
Amount $
Participation (Government %)

C. L. BATEMAN
ROUTE 3
FRANKLIN, N. C.

CLYDE BATEMAN MINE

Name and address of applicant

Date 11/8/51

If you have already filed MF-100, give date filed attached, type of assistance requested exploratory,

DMA Docket Number (if available)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1951

INSTRUCTIONS

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

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

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

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

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

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

2. (*a*) What metals or minerals do you expect to find? STRATEGIC MICA

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

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

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

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

   (*b*) State the time required to start the project and to complete it. WILL START UPON SIGNING OF CONTRACT AND COMPLETE WITHIN 15 WORKING DAYS

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

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. none

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

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

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

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

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

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

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

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

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

CERTIFICATION

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

C. L. BATEMAN
(Name of company)

By C L Bateman
(Signature of authorized official)

11/8/51
(Date)

LESSEE
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

MF-103 C. L. BATEMAN ROUTE 3 FRANKLIN, N.C. CLYDE BATEMAN MINE 12/8/51

1. Lease is attached; with subordination agreement (4 copies).

2. This mine has not been worked in the past but some hand prospecting has been done; sufficient to prove location of vein, in addition to thepresence of other known signs of pegmatite presence. It is located within the main mica lead of the Franklin Mining District and on the same lead as past producers, such as the Poll Miller and Wildes-Mudhole Mines. Every indication appears that commercial quantities of strategic mica will be recovered after exploration.

3. The proposed work will consist of bulldozing for a distance of approximately 80 feet, 20 feet wide and 15 feet deep. This will expose the vein and by cross cutting and sinking test pits, the vein dip, etc., will be determined. This procedure appears to be the most logical to pursue but when bulldozing has been completed the Applicant and Field Team can then best determine the future course to follow.

4. Sketch of proposed work appears below.

6. Full requirements are listed below.

7. See below. (also 8 & 9).

11. It is a locally conceded fact that the Burnigntown Township of the Franklin Mining District contains a large number of strategic ruby mica mines. The area has not been too extensively developed but every mine opened has proven highly profitable.

COST OF PROJECT:

Rental, dozer-trenching, 65 hours @ ~~$1.00~~ $10.00 per hour	$ 650.00
Miscellaneous hand tools, etc.	85.00
Working Foreman, 15 days @ $15.00 per day	225.00
2 Laborers, 15 days each @ $10.00 per day each	300.00
Misc. expenses, office, sampling, payroll taxes, etc.	90.00
TOTAL COST	$ 1,350.00

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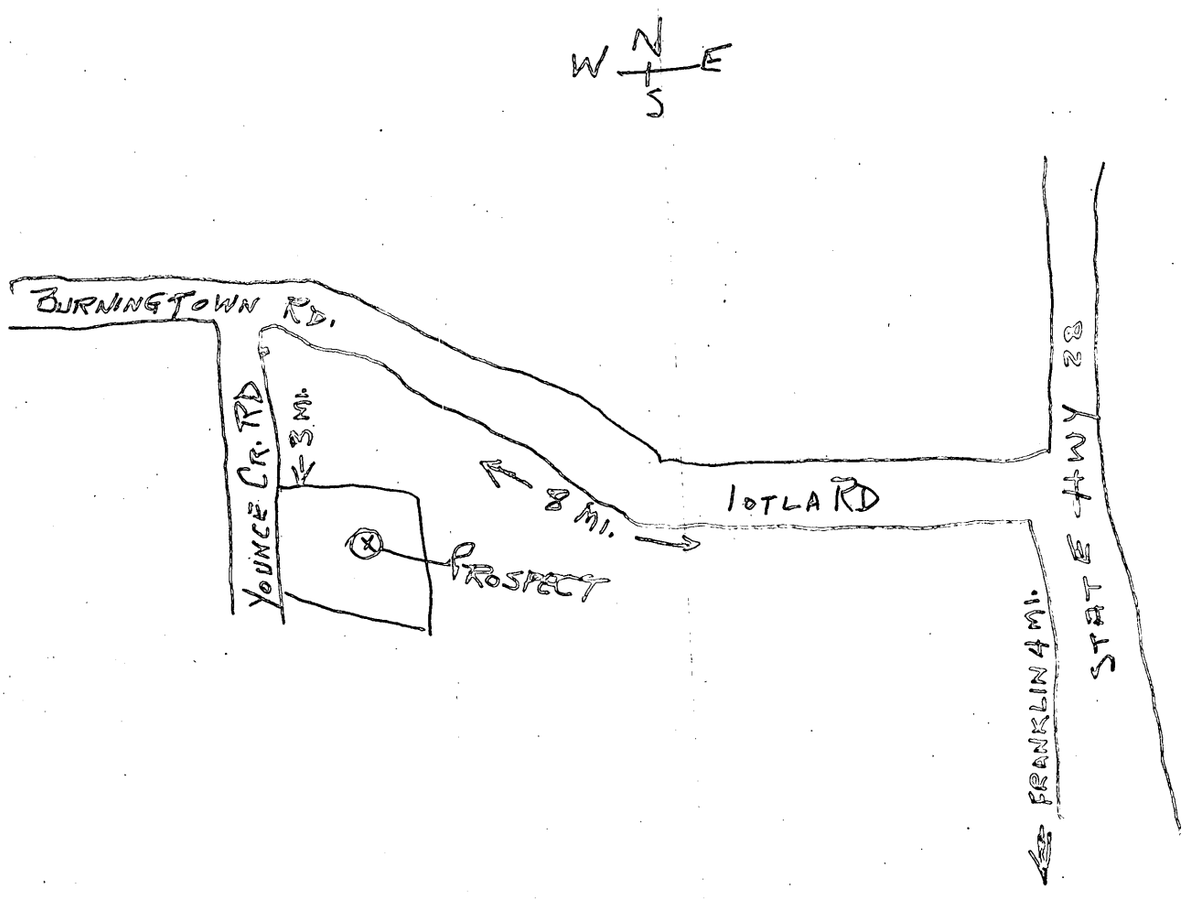

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-~~2281~~ 2411

Date received 12-12-51

CLYDE BATEMAN MINE

C. L. BATEMAN
ROUTE 3
FRANKLIN, NL C.

Name and address of applicant

Date 12/18/51

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? STRATEGIC MICA
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 11 miles northwest of Franklin
   (*b*) Mining district. Franklin
   (*c*) Township, Section, Range. Burningtown
   (*d*) County, State. Macon, N.C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

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 MACON, State of NORTH CAROLINA, described in a certain Exploration Project Contract dated _____, 195___, between C. L. BATEMAN, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated 12/8/51, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

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

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

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

Dated this _____ day of _____, 195___

Clyde A. Bateman

Clyde A. Bateman (owner)

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

STATE OF
COUNTY OF

THIS LEASE AGREEMENT, made and entered into this 8th day of December, 1951, by and between CLYDE A. BATEMAN of Macon County, North Carolina, party of the first part, and C. L. BATEMAN of Macon County, North Carolina, party of the second part,

W I T N E S S E T H

That subject to the terms and conditions hereinafter set forth the said parties of the first part have let and leased unto the said party of the second part, their heirs and assigns, the exclusive right and privilege to mine, dig and remove all minerals now in, under and upon a certain tract or parcel of land lying and being in Macon County, North Carolina, and being more particularly described as follows:

> BEING the lands conveyed by deed, dated March 20, 1948, from Dalton Smith, et al, to Clyde A. Bateman and recorded in the Office of the Register of Deeds for Macon County on March 20, 1948, in book Q-5 at page 320.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. Unless sooner terminated as herein provided, this lease shall exist and continue for a term of five (5) years from date hereof; however, it is mutually agreed that, upon compliance with its terms and conditions, same shall be automaticslly extended from year to year.

2. As rental or royalty, the parties of the second part, their heirs and assigns, shall pay to the parties of the first part a sum equall to twelve and one-half (12½) percent of all sheet, pattern or block mica, One Dollar ($1.00) per ton for all scrap mica, fifty cents (50¢) per ton for all feldspar and the usual royalties for all other minerals mined and sold from said property.

3. That all royalties shall be paid on the fifteenth day of each calendar month following the production, sale and receipt of the sale price thereof.

4. Parties of the second part, their heirs or assigns, shall keep an accurate record of all sales of minerals from this property which shall be open to inspection by the parties of the first part.

5. The parties of the second part, their heirs or assigns, agree that they will conduct mining operations upon said property for a period of not less than eight (8) months each year this lease remains in force and effect.

6. In the event the parties of the second part should apply for a government loan to explore or operate this property, the parties of the first part agree to execute such subordination agreements as may be required by the government.

So long as this lease remains in force the parties of the second part their heirs or assigns, in connection therewith shall have and enjoy the following rights and privileges:

(a) The right to use the surface of said lands to the full extent that such use is reasonable, convenient or necessary in mining and removing the minerals from said lands and to use any portions of said surface for the purpose of dumping mine refuse and tailings as may be reasonably necessary or convenient.

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

(c) The right to cut and use upon said lands, for the purposes herein set out, any standing timber thereon at the time of such use.

( ) The right to use any water upon said property as may be necessary in the course of said operations.

(e) The right to construct and maintain roads, in such locations as the parties of the second part may deem advisable, and complete right of ingress, egress and regress to and from such portions of said property where mining operations are in progress or to be conducted.

(f) The right to purchase the mineral interest and mining privileges in said lands, in fee simple, at a price of _____ (_____), cash; or the right to purchase the entire property, minerals and surface in fee simple at a price of _____ (_____), cash.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and seals the day and year first above written.

_____ (SEAL)
Clyde Bateman

_____ (SEAL)
C. L. Bateman

MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. OMEA-2281 2411
Metal or Mineral
Date Received 12-12-51
Amount $
Participation (Government %)

C. L. BATEMAN
ROUTE 3
FRANKLIN, N. C.

CLYDE BATEMAN MINE

Name and address of applicant

Date 12/8/51

If you have already filed MF-100, give date filed attached, type of assistance requested exploratory,

DMA Docket Number (if available)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1951

INSTRUCTIONS

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

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

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

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

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

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

2. (*a*) What metals or minerals do you expect to find? STRATEGIC MICA

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

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

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

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

   (*b*) State the time required to start the project and to complete it. WILL START UPON SIGNING OF CONTRACT AND COMPLETE WITHIN 15 WORKING DAYS

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

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. NONE

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

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

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

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

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

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

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

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

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

CERTIFICATION

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

C. L. BATEMAN
(Name of company)

By C L Bateman
(Signature of authorized official)

12/8/51
(Date)

LESSEE
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

MP-103 C. L. BATEMAN ROUTE 3 FRANKLIN, N.C. CLYDE BATEMAN MINE 12/8/51

1. Lease is attached; with subordination agreement (4 copies).

2. This mine has not been worked in the past but some hand prospecting has been done; sufficient to prove location of vein, in addition to thepresence of other known signs of pegmatite presence. It is located within the main mica lead of the Franklin Mining District and on the same lead as past producers, such as the Poll Miller and Wilder-Ludlole Mines. Every indication appears that commercial quantities of strategic mica will be recovered after exploration.

3. The proposed work will consist of bulldozing for a distance of approximately 80 feet, 20 feet wide and 15 feet deep. This will expose the vein and by cross cutting and sinking test pits, the vein dip, etc., will be determined. This procedure appears to be the most logical to pursue but when bulldozing has been completed the Applicant and Field Team can then best determine the future course to follow.

4. Sketch of proposed work appears below.

6. Full requirements are listed below.

7. See below. (also 8 & 9).

11. It is a locally conceded fact that the Burningtown Township of the Franklin Mining District contains a large number of strategic ruby mica mines. The area has not been too extensively developed but every mine opened has proven highly profitable.

COST OF PROJECT:

Rental, dozer-trenching, 65 hours @ ~~$[illegible]~~ $10.00 per hour	$ 650.00
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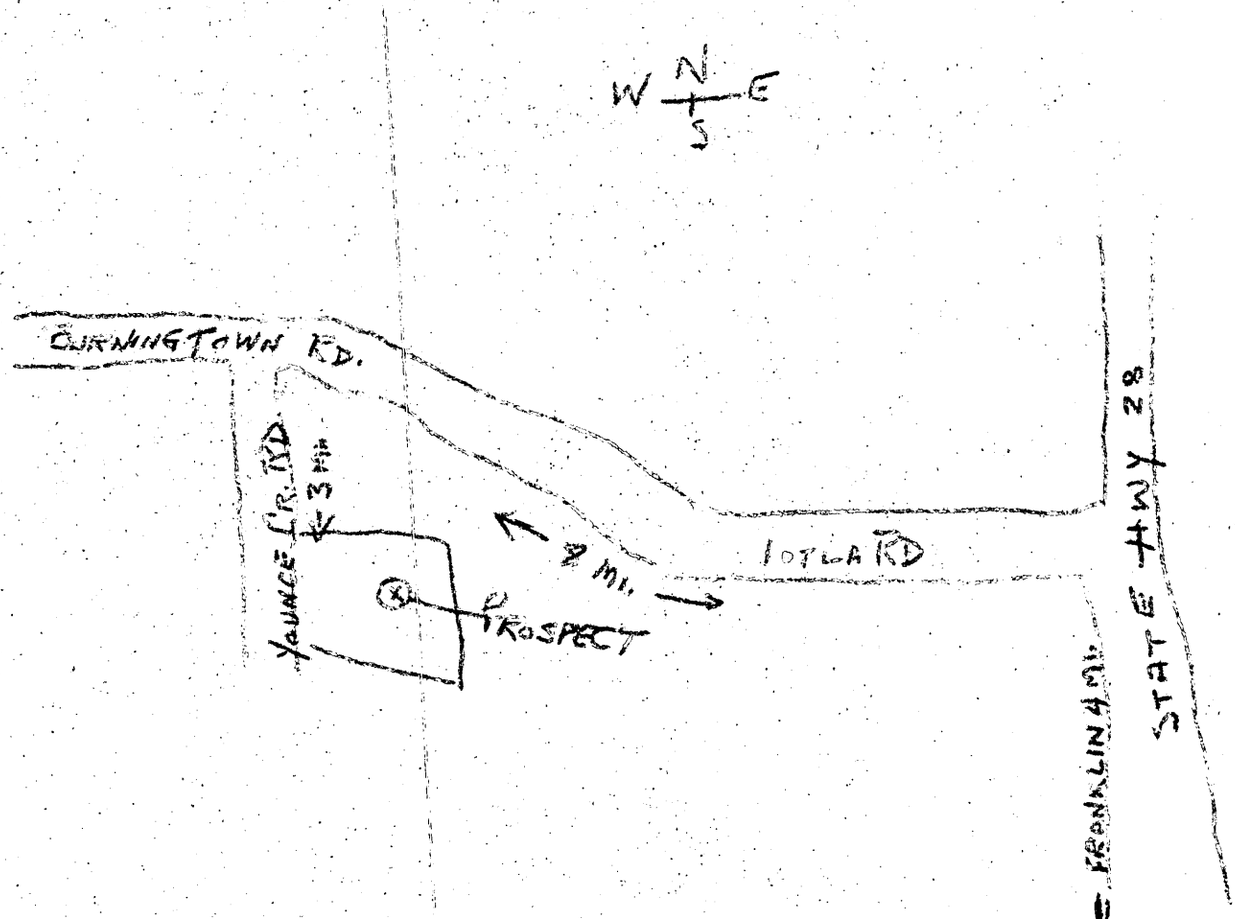
Working Foreman, 15 days @ $15.00 per day	225.00
2 Laborers, 15 days each @ $10.00 per day each	300.00
Misc. expenses, office, sampling, payroll taxes, etc.	90.00
TOTAL COST	$ 1,350.00

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