DMA Form 1

DEFENSE MINERALS ADMI. .TRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 4361

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Exploration Project

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Routing Slip Cys to USGS, BM

To:	6000	Date	6/27/56
To:	Mr. Anderson	Date	6-27-56
To:	Oper Com	Date	7-9-56
To:	J. E. Johnson	Date	7-9-56
To:	Oper Com	Date	8-24-56
To:	J. E. Johnson	Date	8-24-56
To:	CB on	Date	8-26-56
To:		Date	
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CONTROLLED DOCUMENT

MF-203
Revised March 24, 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator _____
Docket No. DMEA- _____
Contract No. Idm-E _____
Contract Date _____

CONSENT TO LIEN

RECEIVED
JUN 27 1956

To the United States of America:

Referring to that certain land in the County of Macon, State of North Carolina, described as follows:1/

BEGINNING at a small spring below the road, which spring lies Southeast from the Bowers Mine, runs Eastward approximately 1,000 feet to a point in the Raburn line; then following the Raburn line 200 feet to a 24" Spanish Oak in the Raburn line; then Northwestward 1,000 feet to a point; then Southward 200 feet to the BEGINNING.
Recorded in Register of Deeds for Macon County, Book F-5, Page 138, dated December 2, 1940

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

_____

_____

_____

_____

_____

_____

_____

Dated this _____ day of _____, 195__.

John Burleson [Seal]

Blanch Burleson [Seal]

_____ [Seal]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

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5. Added provision: _____

_____

_____

_____

_____

_____

_____

_____

Dated this _____ day of _____, 195__.

Lesar D. Pearlstone [Seal]

Blanche Z. Pearlstone [Seal]

_____ [Seal]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

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5. Added provision: _____

_____

_____

_____

_____

_____

_____

_____

Dated this _____ day of _____, 195__.

~~John R. Berkelson~~ [Seal]

Blanche Berkelson [Seal]

_____ [Seal]

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[Corporate Seal]

MF-203
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Docket No. DMEA- _____
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Recorded in Register of Deeds for Macon County, Book R-5, Page 138, dated December 2, 1950

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1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

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5. Added provision: _____

_____

_____

_____

_____

_____

_____

_____

Dated this _____ day of _____, 195__.

John D Burleson [Seal]

Blanch Burleson [Seal]

_____ [Seal]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

MF-203
Revised March 24, 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator _____
Docket No. DMEA- _____
Contract No. Idm-E _____
Contract Date _____

CONSENT TO LIEN

RECEIVED
JUN 27 1956

To the United States of America:

Referring to that certain land in the County of Pecos, State of New Mexico, described as follows:1/

BEGINNING at a small spring below the road, said spring also Southeast from the Return line, and Northwest approximately 1,000 feet to a point in the Return line; then following the Return line 200 feet to a 20" Ponderosa Pine in the Return line; then Northwestward 1,000 feet to a point; then Southward 200 feet to the BEGINNING.
Recorded in Registrar of Deeds for Pecos County, Book E-1, Page 190, dated December 2, 1960

_____,

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

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5. Added provision: _____

_____

_____

_____

_____

_____

_____

_____

Dated this _____ day of _____, 195__.

John B Burleson [Seal]

Blanch Ch Burleson [Seal]

_____ [Seal]

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_____

[Corporate Seal]

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

DOCKET COPY
Surname:
Anderson
Houk
Nelson
Lamb
Selfridge
Henderson

AUG 24 1956

Carolina Mining Company
P. O. Box 314
Franklin, North Carolina

Re: Docket No. DMEA-4361-mica
Carolina Mining Company
Roy H. Fouts and William Dinnes
Burleson Mica Mine
Macon County, North Carolina

Gentlemen:

Your application for aid for an exploration project and other reports available to us in Washington relating to the subject property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information indicates to us that the probability of disclosing significant reserves of mica is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

C. O. Mittendorf

Administrator

WCAnderson:ms 8/23/56
Copy to: Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Admr. R. File

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

August 23, 1956

Memorandum

To: Mr. C. O. Mittendorf, Administrator

From: Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Subject: Evaluation of application and field examination report
Docket No. DMEA-4361-mica
Carolina Mining Company
Roy H. Fouts and William Dinnes
Burleson Mica Mine (Old Bowers)
Macon County, North Carolina

Denial of the application is recommended

Pegmatite:
Two. Northern pegmatite is the main pegmatite, enclosed discordantly in biotite-gneiss country rock, 2 to 15 feet thick and at least 200 feet long. Southern pegmatite, not of economic importance, reported to be a 4 foot thick body.

Mica: From the main pegmatite, brown in color, wavy, ruled, with small, black specks. Books up to 8 inches across and 3 inches thick, many of which are soft and cracked.

Old Workings:
Caved shaft reported to be 130 feet deep, an open cut, 200 feet long by 15 to 30 feet wide and 10 to 20 feet deep. Four existing vertical shafts, 37, 40, 65, and 80 feet deep.

Past Production:
Beginning in 1900, the mine has been worked intermittently by many operators. Last worked during 1954, when it is reported $7,000.00 worth of mica was produced.

Method of Exploring:
Applicant proposes to do some bulldozing, 100 feet of shaft @ $50.00/ft., and a 100 feet of drifts @ $35.00/ft., total cost of $8,500.00.

Comments:
The mine is honeycombed with shafts, some of which are caved, drifts and stopes, the extent and location of which are unknown. The examining engineers report that an exploration project would have to consist of a shaft at least 180 feet deep to get below the old workings, besides the drifting and crosscutting. This work should be preceded by approximately 470 feet of diamond drilling at 200 feet depth which would cost approximately $2,350.00. According to the field exam-

iners, this work would cost in excess of $20,000, which is excessive in comparison with the value of the target.

Recommendations:

Because of the foregoing data, the Field Team recommends denial of this application. The Nonmetallic Minerals Division and the Commodity Members of the Bureau of Mines and Geological Survey concur.

Walter C. Anderson

Walter C. Anderson
Nonmetallic Minerals Division

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

August 21, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

RECEIVED
AUG 23 1956

Subject: DMEA-4361 (mica)

Applicant: Carolina Mining Co.

Name and Location of Property: John Burleson Mine, Macon County, N. C.

Date of Field Team Report: 8/13/56

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 8/20/56

Field Team Recommendation: Recommend denial of subject application.

Comments:

1. Although abundant mica was observed over a wide area, extensive old workings necessitate any exploration to be at a depth of 180 feet or more.

2. The cost of exploration would be excessive in comparison to the size and potential value of possible mica reserves.

Recommendation:

I concur with the field team's recommendation for denial.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

August 20, 1956

Re: DMEA 4361
Carolina Mining Co.
John Burleson (Old Bowers,
Old Doc Moore) Mine
Macon Co., N. C.
Appl. Est. $8,500 - Mica

Memorandum

To: L. G. Houk, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team report.

The applicant requested assistance in exploring a pegmatite, credited with the production of strategic mica.

The examiners found much work had been done and the ground "honeycombed", probably to considerable depth. From an 80-foot shaft, sunk in 1954, as reported, $7,000 worth of mica was recovered. The report was not verified, but if true, a fair measure of the potential of the pegmatite is afforded. The cost of further work is so disproportionate to the apparent potential the examiners and the Field Team recommend that the application be denied.

I concur with that recommendation.

N. E. Nelson

N. E. Nelson

RECEIVED
AUG 21 1956

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

RECEIVED
AUG 15 1956

August 13, 1956

Memorandum:

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region B - Knoxville, Tenn.

Subject: Field Examination Report, DMEA-4361 (mica)
Carolina Mining Co., Franklin, N.C.
John Burleson (Old Bowers, Old Doc Moore) Mine

Enclosed are four copies of the subject examination report.

The Field Examiners were favorably impressed by the apparent size and continuity of the pegmatite and the quality of such mica as they could see. It is significant that most of the data given in ther examination report are in the "reported" category, and there are few incontrovertible facts available for first-hand examination.

We agree with the examiners conclusion that it is impractical to propose shaft-sinking in an area apparently honeycombed with old workings, most of whose position and extent are unknown. It would require approximately 470 feet of drilling to intersect the pegmatite with two 60° core-drill holes, at 200 feet depth. This would cost approximately $2350.

Thus the cost of exploring, either by drilling or shaft-sinking, seems to be excessive in comparison to the size and possible value of the target. We agree with the recommendation for denial.

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

V.J. Lynch
V.J. Lynch, Member
Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
8-20-56
(date)

RECEIVED
AUG 15 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT
REGION V

ON

DMEA-4361 (mica) JOHN BURLESON MINE
Macon County, N.C.

BY

A. R. Taylor, Geologist
U. S. Geological Survey

and

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

Aug.13, 1956

Reviewed by
DMEA OPERATING COMMITTEE
8-20-56
(date)

RECEIVED
AUG 15 1956

FIELD EXAMINATION REPORT

ON

DMEA-4361 (mica) JOHN BURLESON (Old Bowers)MINE

Applicant: Carolina Mining Co., c/o Roy H. Fouts, Franklin, N.C.

Summary

Muscovite is very abundant in the floor of a 200-ft long cut, and in the dump material. Several deep shafts (one reported to be 130 ft deep) bottomed in a pegmatite with a quartz core. Reports from Mr. John Burleson state that the pegmatite encountered was from 2 ft thick on the northwestend to about 15 ft thick on the southeast end.

Because of the reported depth of old works, and unknown extent of the drifts, it is recommended that the application be denied. Any exploration done would have to be at a depth of 180-ft or more.

Location:

The John Burleson (Old Bowers, or Old Doc Moore)Mica Mine is 0.93 airline miles N 6°E from the town square of Franklin, Macon County, N. C. (Franklin, N.C. Quad.,TVA., 1/24,000.Ed.1946).

Examination:

The Mine was examined July 23, 1956, in the Company of Mr. Roy H. Fouts, Mr. Wm. Dinnes, and Mr. John B. Burleson, the landowner. Two hours were spent on the examination.

History:

The mine has been worked since 1900 by many operators. It was opened by the Bowers Brothers, who sank a reported 130 ft shaft (now caved) then worked in 1909 by The Franklin Enterprise Co., and in 1944 by the A B and D Mica Company.

The last work was done in 1954 by Jim Berry from an 80 ft shaft. He is reported to have recovered $7,000 worth of muscovite.

Workings:

Present workings consist of N 60° W open cut, a 200 ft long 15 to 30 ft wide and 10 to 20 ft deep; 4 existing vertical shafts, 37,40, 65 and 80 ft deep, and 2 filled shafts. One hundred feet to the south of the main opecn cut two shallow pits now exist (former shafts?) on another, smaller pegmatite.

Pegmatite, Gneiss, and Muscovite:

Two pegmatites exist on the property. The northernmost one is at least 200 ft long and from 2 to 15 ft thick. It is reported to be 2 ft thick on the northwestern end and at least 15 ft thick on the southeastern end of the cut. Massive quartz on the dump indicate a body with a probable quartz core.

The dike strikes N 60° W and dips vertically (reported). It is discordant to the foliation of the biotite gneiss country rock which strikes N 75° E and dips 35° SE (USGS-Report)

The southernmost pegmatite on which a reported 18-ft shaft has been sunk, is a reported 4 ft thick body with a strike of N 65° W and a dip of 75° SW (see USGS report).

The muscovite in the dump material is up to 3 inches wide, clear and ruled. Its quality seems better than that reported in the unpublished report. In that report the mica is said to be 3-inches wide, clear and duled. It's quality seems better than

that reported in the unpublished report. In that report the mica is said to be 3 in. by 8 in., soft, cracked, and stained ruby muscovite.

Biotite is reported in the feldspathic layers of the body along with a little muscovite.

The applicant reports that J. R. Berry recovered about $7,000 worth of muscovite from this deposit in 1954, however, Mr. Berry's only sale to the GSA Depot in Spruce Pine, N.C., was for 573 lbs of full trim valued at $6,295 and reported under the mine name "Rock Cut."

Recommendations

Although a sizeable deposit of mica-bearing pegmatite may exist, any exploration would have to be done at a great depth, at least 180 ft. to insure being under any known or unknown old works That exploration by shaft and drift, would be expensive, at least $20,000. If any work is considered, one or two diamond drill holes, to intersect the pegmatite at about 180 ft, should precede any other work.

It is recommended that the application be denied.

Aug. 13, 1956.

A. R. Taylor, Geologist, USGS

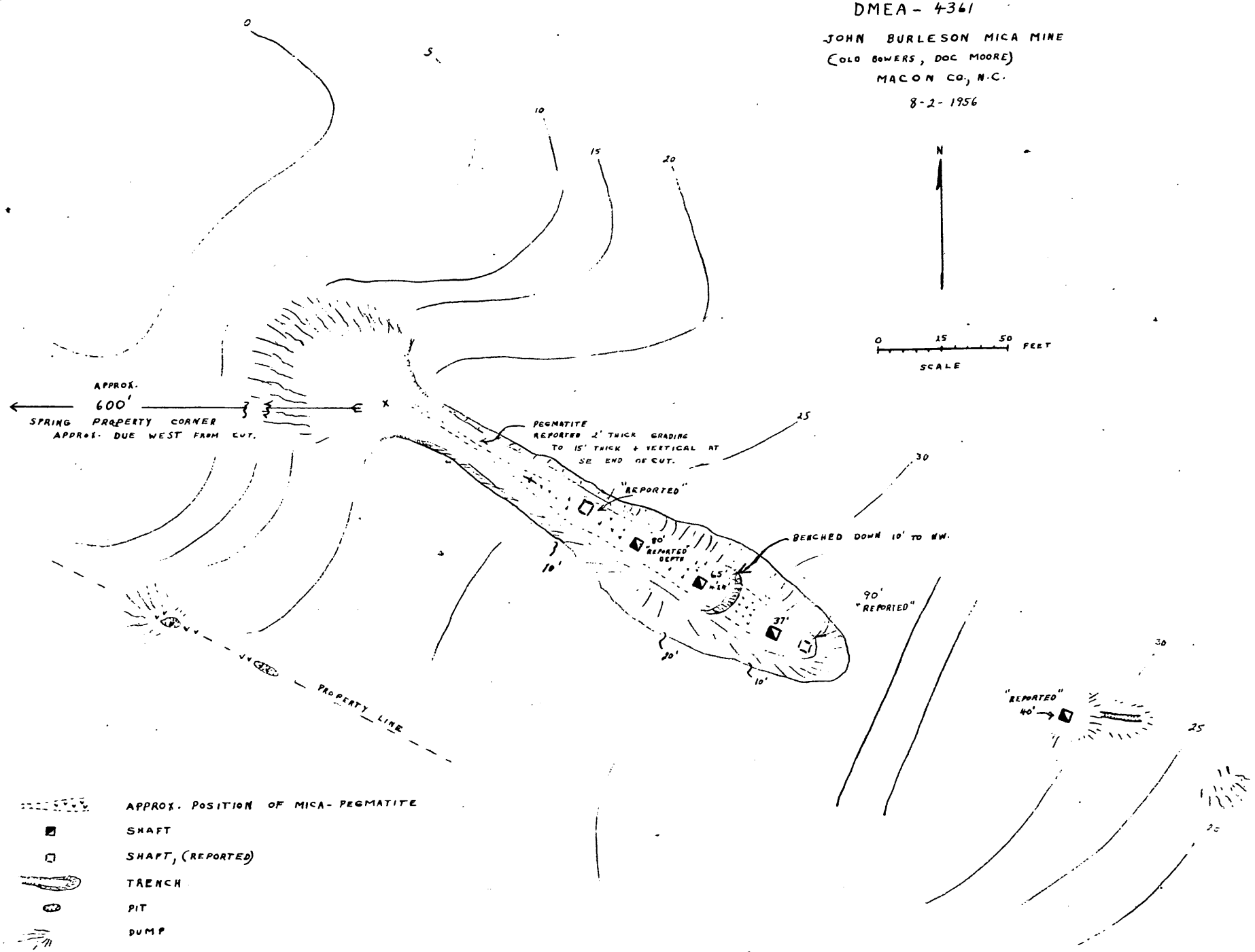
and

L. E. Shirley, Mining Engineer, USBM

Ref:
1. Unpublished Blue Ridge Manuscript, USGS. "John Burleson Mine." (copy attached to this report).

DMEA - 4361

JOHN BURLESON MICA MINE
(OLD BOWERS, DOC MOORE)
MACON CO., N.C.
8-2-1956



REF: BLUE RIDGE MANUSCRIPT (UNPUBLISHED) USGS

TAYLOR, 8-2-56

RECEIVED
AUG 1 5 1956

RECEIVED
AUG 15 1956

John Burleson mine

The John Burleson, or Old Doc Moore mine lies near the top of a low hill overlooking the Little Tennessee River at a point 1 mile north of the Franklin town square. The property is owned by John Burleson and was first worked about 1900 by the Rogers brothers, who are reported to have sunk a 130-foot shaft which is now caved. In 1909 the property was operated by the Franklin Enterprise Company, and from April 8, 1944 until May 22, 1944 it was worked by the A. P. and D. Mica Company, who bulldozed the old main open cut, sunk a 15-foot shaft, and obtained about 1 ton of mine-run mica. Dumps were reworked by Paul Angel in August 1944.

Two pegmatite bodies have been explored, but only the northern body has been of economic importance. The southern pegmatite was explored by an 18-foot shaft. The main workings lie up hill 200 feet to the north and consist of a series of shafts and cuts that trend N. 16° W. for 400 feet. From southeast to northwest they include: 35-foot shaft collared in gneiss, with a drift to the northwest; 25-foot shaft 30 feet northwest of No. 1; 35-foot shaft 15 feet northwest of the No. 2 shaft; three caved pits 20 feet northwest of No. 3 shaft; and the main open cut 100 feet northwest of the pits. The cut is 150 feet long, 50 feet wide, and as much as 20 feet deep. A 15-foot shaft was sunk in the southeast end. A caved drift is 100 feet northwest of the northwestern end of the cut and 30 feet below the top of the dump from the cut.

In the open cut the foliation of the biotite-gneiss country rock strikes N. 75° E. and dips 35° SE. The main pegmatite body, which is exposed only in the southeastern shafts, strikes N. 60° W. and is vertical. The maximum thickness was at least 15 feet. The body probably contains a thin quartz core.

The southern pegmatite body strikes N. 65° W., dips 75° SW., and is 4 feet thick. The pegmatite is quartzose and consists of interlayered bands of massive quartz and kaolinized feldspar. A little muscovite and abundant biotite occur in the feldspathic layers.

The mica from the main deposit is medium brown in color, wavy, ruled, and contains small black specks. Many of the books are soft and cracked. Books as much as 8 inches in diameter and 3 inches thick were observed. Mica appears to be rather abundant in this deposit. The mica from the southern pegmatite is reddish brown in color, flat, tied, and cracked. Much of it is intergrown with biotite, and the general quality is poor. Books as much as 3 inches in diameter were noted.

Reopening of this mine will be difficult, chiefly because of the extensive old workings whose positions are not known.

DOCKET COPY
Surname:
Anderson
Houk
Selfridge
Johnson

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

JUL 10 1956

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

Re: Docket No. DMEA-4361-mica
Carolina Mining Company
Roy N. Fouts and William Dinnes
Burleson Mica Mine
Macon County, North Carolina

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it necessary.

Copies of memoranda dated June 29 and July 5, 1956, by Mr. N. E. Nelson, USGS, and Mr. W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (S/S)

APPROVED:

/s/ Robert W. Geehan (S/S)

Member, Bureau of Mines

Thor H. Kiilsgaard (S/S)

Member, Geological Survey

Enclosures: 4

WCAnderson:ms 7/9/56
Copy to: Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Admr. R. File

A.G.L.

DOCKET COPY
Surname:
Anderson
Houk
Kilsgaard
Gerhardt
Selfridge
Hopkins

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

JUL 1 0 1956

Carolina Mining Company
P. O. Box 314
Franklin, North Carolina

Re: Docket No. DMEA-4361-mica
Carolina Mining Company
Roy H. Foats and William Dinnes
Burleson Mica Mine
Macon County, North Carolina

Gentlemen:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville, 2, Tennessee, for further consideration and possibly a field examination.

The Regional Office will contact you at an early date if an examination is to be made. Any assistance you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

G. O. Mittendorf

Administrator

WCAnderson:ms 7/9/56
Copy to: Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Admr. R. File

R.C.S.

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

RECEIVED
JUL 6 - 1956

July 5, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4361 (mica)

Applicant: Carolina Mining Co.

Name and Location of Property: Burleson Mica Mine, _____, N. C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 6/27/56

Comments:

1. The pegmatite in this mine is already a proven strategic producing formation.

2. According to G.S.A. lot tickets $2,817 worth of mica was purchased from this mine by the Depot at Spruce Pine during 1954-55. Additional mica may have been sold from this mine but was not so identified.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if proposed exploration is to search for additional reserves of mica or to develop further a proven mica-producing mine.

W F Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

RECEIVED
JUN 29 1956

June 29, 1956

Re: DMEA 4361
Carolina Mining Co.,
Burleson Mica Mine
Macon Co., N. C.
$8,500 - Mica

Memorandum

To: L. G. Houk, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

The applicant requests assistance in exploring a pegmatite on which the applicants say several shafts ranging in depth from 16 to 90 feet have been sunk, all of which produced mica Production in 1954 is said to have amounted to $7,000.

Referral of the application to the Field Team for appropriate action is recommended.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
JUN 27 1956

June 25, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region V - Knoxville

Subject: DMEA application : Carolina Mining Co., Fouts & William Dinnes, P.O. Box 314, Franklin, N. C.

Transmitted are three copies of the subject application, 1 copy of the Mining Lease and 5 copies of the Consent to Lien, on the Burleson Mica Mine, Macon County, North Carolina.

V. J. Lynch

V. J. Lynch

RECEIVED
JUN 27 1956

June 25, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region V - Knoxville

Subject: DMEA application : Carolina Mining Co., Fouts & William Dinnes, P.O. Box 314, Franklin, N. C.

Transmitted are three copies of the subject application, 1 copy of the Mining Lease and 5 copies of the Consent to Lease, on the Burleson Mica Mine, Macon County, North Carolina.

V. J. Lynch

ZM.
cc:
Lynch
Shirley
Files
Opr. Com.-2

June 27, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region V

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region V.

DMEA
- 4361 Carolina Mining Company

Robert E. Adams
Chief, Operation's Control
and Statistics Division

June 27, 1956

Carolina Mining Company
P.O. Box 314
Franklin, North Carolina

Subject: DMEA 4361
Re: Exploration Assistance
Burleson Mica Mine

Gentlemen

The receipt of your application dated June 15, 1956 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 4361 and referred to the Nonmetallic Mineral Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

RECEIVED
JUN 27 1956

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. .....
Metal or Mineral .....
Date Received .....
Estimated Cost .....
Participation (Government %) .....

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address:

CAROLINA MINING COMPANY, a partnership consisting of Roy H. Fouts and William Dinnes
P. O. Box 314, Franklin, N. C.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Eastward from spring 1,000' to a point in the Raburn line; then following the Raburn line 200' to a 24" Spanish Oak in the Raburn Line; then Northwestward 1,000' to a point; then Southward 200' to the beginning. Recorded in Register of Deeds for Macon County, Book F-5, P. 138

(*b*) State any mine name by which the property is known. Burleson Mica Mine

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Lessee

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Enclosed and attached

(*e*) If you own the land, describe any liens or encumbrances on it .....

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

RECEIVED
JUN 25 1956
U.S. DEPT. OF INT.
DEF. MIN. ADM.
Knoxville, Tennessee

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. 1 mile from town of Franklin, N. C. on all weather gravel Road

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

16—66551-1

Manpower plentyful, materials & supplies fair, water & electricity on property. equipment can be had in Atlanta, Ga., Knoxville, Tenn. or Spruce Pine, N.C. ach of which are in a radius of 140 Miles

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Mica

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. See / Exhibit "A"

(*c*) The work will start within 90 days and be completed within 8 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project: See Exhibit "B"

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? YES

(*b*) How do you propose to furnish your share of the costs?

[XX] Money [XX] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated June 15th, 1956

CAROLINA MINING COMPANY
(Applicant)

By Roy H. Foote

William Dimmes

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—66551-1

EXHIBIT "A"

RECEIVED
JUN 27 1956

KX-103 - Application for aid in an Exploration Project.

4. a - There has been several shafts sunken in depth from 16 to 90 feet. All of which produced mica, but when the operator would encounter water he would quit it because of not having the proper equipment. This mine is in a well defined zone where mica bearing pegmatite exist. None of the shafts are still open which can be readily inspected and the mine is located along side a road.

b - J. L. Henry has a lease from this mine around $7,000.00 worth of mica to the General Service Depot in Spruce Pine, North Carolina in a small operation in 1954.

2 - The mine is on a medium slope and composed of Mica, garnet gneiss. The rock is very eroded deeply, yielding light red to reddish brown soils. The Mica and garnett Gneisses yield yellow, brown and gray soils. The pegmatite is about eight feet wide and is vertical, which has a massive quartz core. The pegmatite is composed of Quartz, decomposed feldspar, Kaolin, biotite, and clay.

5. b - We propose to take a bulldozer and do some more stripping down to about 15 or 20 feet, then sink a 200 foot shaft 5' X 7' with a manway compartment 2' X 7', having a staggered ladder to the bottom.
On or about the 95 foot level we plan to drive not more than 100 feet of drift, and/or crosscut in the pegmatite having a minimum cross section dimensions of 5 feet by 7 feet in the clear of timber.

5. d - The applicant is associated with the Development Corporation of Franklin, North Carolina, supervising the Mining, Extraction, and preparation for market for the past several years.

EXHIBIT "B"

6. Estimate of Cost:

1 - 100 feet of shaft @ $60.00 per foot - - - - - -	$ 6,000.00
2 - 100 feet of drift and/or crosscut @ $35.00 per ft	3,500.00
	$ 9,500.00

Excavate 700 cubic yard overburden - - - - - - -		$ 210.00
Wood Timber - - - - - - - - - - - - - - - - - - -		70.00
Air Lines, Operating- - - - - - - - - - - - - - -		35.00
Powder Magazine- - - - - - - - - - - - - - - - -		20.00
Labor:		
Foreman - - - - - - -	$12.00	
Driller - - - - - - -	10.00	
Tucker- - - - - - - -	8.00	
Relief Operator- - - -	8.00	
Total per day - - -	38.00	
$38.00 per day for 150 days- - - - - - - -		5,700.00
Mine Timber- - - - - - - - - - - - - - - - - - -		300.00
Rental on equipment- - - - - - - - - - - - - - -		1,200.00
Dynamite, Exploders, U Drill Steel - - - - - - -		475.00
Electrical Installation- - - - - - - - - - - - -		60.00
Supplies -		200.00
		$ 8,500.00

RECEIVED
JUN 27 1956

MINING LEASE

STATE OF NORTH CAROLINA
COUNTY OF MACON

This Lease Agreement, Made and entered into this the 15th day of June, 1956, by and between JOHN B. BURLESON and wife, BLANCHE BURLESON, of Macon County, North Carolina, parties of the first part, and ROY H. FOUTS and WILLIAM DINNES, Trading and Doing Business as CAROLINA MINING COMPANY, parties of the second part,

W I T N E S S E T H:

That subject to the terms and conditions hereinafter set forth said parties of the first part have let and leased and by these presents do hereby let and lease unto said parties of the second part, their heirs and assigns, the right and privilege to mine, dig, mill, process and remove all mica, clays, rocks, and other minerals now in, under, or upon a certain tract or parcel of land lying and being in Macon County, North Carolina, and more particularly described and bounded as follows:

> A tract of land, being a part of the John Burleson Farm, including the Bowers Mine, the tract hereby leased being a rectangle 200 feet wide and 1,000 feet long, BEGINNING at a small spring below the road, which spring lies Southeast from the Bowers Mine, runs Eastward approximately 1,000 feet to a point in the Raburn line; then following the Raburn line 200 feet to a 24" Spanish oak in the Raburn line; then Northwestward 1,000 feet to a point; then Southward 200 feet to the BEGINNING, being part of the mineral interest conveyed to J. B. Burleson by Macon County on December 2, 1940, by deed recorded in Book F-5, page 138.

The terms and conditions of this lease are as follows:

Unless sooner terminated as herein provided, this lease shall exist and continue until the 15th day of June, 1959.

As rental, parties of the second part, or their duly constituted agent, shall pay or cause to be paid to parties of the first part, or their duly constituted agent, the following:

(1) Five per cent (5%) of the gross selling price of all scrap mica mined and removed.

(2) Ten per cent (10%) of the market value of all other mica and clays mined and removed.

(3) Ten per cent (10%) of the market value of all other minerals mined and removed.

(4) Five Cents ($0.05) per cubic yard for all rock mined and removed.

Said rental shall be paid monthly on or before the 15th day of each calendar month for all sums due for the preceding month.

Parties of the second part shall keep a correct record of all mica, clays, rock and other minerals mined and removed under this lease, and such records may at any time be inspected by parties of the first part, or their duly constituted representative, for the purpose of ascertaining the amount of rental due on or at any rental payment date. Parties of the second part shall furnish to parties of the first part a duplicate invoice of all mica, clays, rock and other minerals sold.

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

(a) The right to the use of the surface of said land to the full extent that such use is reasonably convenient or necessary in mining, digging, and removing said mica, clays, rock and other minerals.

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

(c) The right to construct and maintain roads in such locations as may be necessary and convenient in operating under this lease, together with the right to cut and remove timber to clear such roadways.

(d) The right to cut and remove such timber as may be reasonably necessary or convenient for such operation.

It is expressly understood and agreed that the mining operation under this lease shall begin within Six Months from the

date hereof, and failure to operate under this lease, on a commercial basis, after operating has begun, for any period of six months, shall terminate this lease. Failure to pay the rental as hereinabove provided, when due, shall also terminate this lease.

It is further expressly understood and agreed that parties of the second part, their heirs or assigns, shall have the right to extend the term of this lease for an additional period of three (3) years, beginning at the expiration of this lease, upon the same terms and conditions as hereinabove set out, provided the parties of the first part are notified by parties of the second part in writing of their intention to extend same, said notice to be given at least thirty (30)days prior to the termination of this lease, and provided further that this lease has not been sooner terminated as hereinabove provided.

If the interest of either party hereto is assigned, and the privilege of assigning in whole or in part is expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, successors or assigns, but no change in the ownership or assignment of rental or royalties shall be binding on the lessees until after the lessees have been furnished with a written transfer or assignment or a true copy thereof.

If at any time there be as many as four parties entitled to rental or royalties, lessees may withhold payments thereof unless said parties designate in writing, in a recordable instrument to be filed with the lessees, a common agent to receive all payments due hereunder, and to execute division and transfer orders on behalf of said parties and their respective successors in title.

IN TESTIMONY WHEREOF, said parties have executed this Lease Agreement in triplicate, one of which is retained by each

of the parties, and one for Defense Minerals Exploration Administration, Washington D. C., the day and year first above written.

J. D. Bulson (SEAL)

R. Leach (SEAL)

CAROLINA MINING COMPANY

By Joy H. Coates (SEAL)

By William Simms (SEAL)

STATE OF NORTH CAROLINA
COUNTY OF MACON

Personally appeared before me this day JOHN B. BURLESON and wife BLANCHE BURLESON, and ROY H. FOUTS and WILLIAM DINNES trading as Carolina Mining Company, who acknowledged the due execution of the foregoing lease agreement for the purposes therein expressed.

WITNESS my hand and Notarial seal, this 16th day of June, 1956.

Marie Jennings
Notary Public, Macon County, N. C.

My Commission Expires July 26, 1956

NORTH CAROLINA, Macon County.

The foregoing certificate of Marie Jennings Notary Public of Macon County, State of N. C. attested by his/her notarial seal, is adjudged to be correct.

Let the instrument, with the certificates, be registered.

Witness my hand and official seal, this 18 day of June, 1956

Kate M. Wrinn
CLERK SUPERIOR COURT.

Filed for registration on the 18 day of June 1956, at 10:45 o'clock P.M., and registered and verified in the office of the Register of Deeds for Macon County in Book No. H-6, Page 608

This 18 day of June 1956

Register of Deeds for Macon County