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

Department of the Interior
Defense Minerals Administration
RECEIVED
NOV 23 1953

C O P Y

November 19, 1953

Memorandum

To: Operating Committee, DMEA, Washington

From: Field Team, Region VII

Subject: DMEA-3167 (Mica), Salem A. Bader
DMEA-3187 (Mica), McPeters and King

Enclosed herewith are four copies each of field examination reports on the subject applications.

We agree that neither prospect shows much promise for strategic mica, and approve the Field Examiner's recommendation that the application be denied.

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

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

Reviewed by
DMEA OPERATING COMMITTEE

11-30-53
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 23 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

(Mica)

DMEA-5167, CHARLES GARLAND PROPERTY
Applicant: Salem A. Bader, Burnsville, Yancey County, N. C.

By

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

November 10, 1953

Reviewed by
DMEA OPERATING COMMITTEE
11-30-53
(date)

Field Examination Report
on
MEA-3167, CHARLES GARLAND PROPERTY
(mica)

Applicant: Salem A. Bader, Burnsville, N. C.

No evidence of a worthwhile body of strategic mica can be observed on this property and it is therefore recommended that the loan request be denied.

The deposit was examined on November 6, 1953. Salem A. Bader, the applicant, accompanied the writer on this examination which required three hours. Charles Garland, property owner, was contacted after the examination for history on old workings.

The Charles Garland property is 13.5 miles by road northeast of Burnsville, N. C. and is 4.8 miles N 45° W of Boonford, Yancey County, N. C. on the east side of Brushy Creek. Access to the property is by graveled road and is excellent at all times of the year.

The applicant states that he has had five years mining experience in the west on open cut manganese mining and related projects. This is his first mica mining venture. He appears financially responsible, though little information can be had concerning his background or past dealings. The property is held under lease by the applicant from the owner, Charles Garland. The lease is for five years with an option of renewal for five years.

There are no facilities on the property. One small mica storage house is located near the residence of the owner. Workings consist of a northeast trending surface cut or trench made by bulldozer which exposed the pegmatite on the southwest end of the trench. Several shallow pits have been dug in the vicinity of the exposed body, two of which definitely encountered pegmatite material. The most recent work has been done by the applicant and consisted of sinking an irregular incline shaft, 7' x 10', to a depth of 12 to 15 feet. Mining ceased when the shaft bottomed in mica and hornblende schist. The applicant estimates that less than $1000.00 worth of mica has been recovered from both bulldozing and shafting and that the costs of these operations has been $7000.00. A vertical shaft, 41 feet deep, and now partially caved and inaccessible has been sunk about 300 feet northeast of the existing open cut, which reportedly bottomed in pegmatite. Dump material examined did not indicate but little pegmatite; most of the mixture was biotite schist. Several other prospects on the lease, widely scattered, were examined, but none contained pegmatite worthy of additional exploration.

The exposed pegmatite on the southwest end of the open cut is 18 to 26 inches in width and contains small mica, throughout the exposed body. It is reported that this same body swells or thickens to 4 feet in width in the immediate area, but no confirming evidence of this could be found. The body trends N 45° E and dips steeply southeast. It is

composed of plagioclase, minor quartz, microcline, and both muscovite and biotite mica. The pegmatite is emplaced in hornblende and mica schist and is conformable to the strike and dip of the pegmatite.

Mica exposed in all of the workings examined is generally of poor quality. Only small mica was observed in place, but the major portion was stained badly, cracked, wavy, and ruled. Most of the mica is light brown in color and is hard. The applicant had in his possession samples up to 6 x 8 inches, but ruling and staining was prevelant in all of these samples examined. Because of the limited extent of the body and the quality of the mica examined, this writer believes that very little mica of strategic grade could be obtained from the deposits examined and recommends that the loan be denied.

L. E. Shirley, Mining Engineer, USBM

November 10, 1953

600

DEC 2 - 1953

Mr. Salem A. Bader

Burnsville, North Carolina

Re: Docket No. DMEA-3167 - Mica
Charles Garland Property
Yancey County, North Carolina

Dear Mr. Bader:

Your application for aid for an exploration project and other data available to us in Washington concerning your application 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, although noting a small amount of mica on your property, indicates to us that the probability of disclosing minable ore reserves by your proposed program 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

LOHouk:gad 11/24/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

November 24, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: A denial of exploration assistance and closing review.
Docket No. DMEA-3167 - Mica
Property: Charles Garland Property
Yancey County, North Carolina
Located 13.5 miles by road northeast of Burnsville, North Carolina
Operator's property rights - Lease for five years with option of renewal for five years.
Applicant: Salem A. Bader
Amount requested: $9,410.00
No contract: Application denied.

Docket Summary:

9/16/53	Received application, Form MP-103. Letter from applicant advising that he has an option to purchase.
9/17/53	Memo from D. A. Brobst, USGS, recommending field examination of property.
9/30/53	Memo from W. F. Dietrick, USBM, suggesting that field team visit property when in that vicinity.
10/9/53	Letter to applicant (prepared by Legal Divn.) advising that applicant must have a sufficient interest in the land and if he purchases the land that will be satisfactory. Otherwise a five-year lease is not acceptable without an Owner's Consent to Lien or in lieu thereof a guaranty.
10/12/53	Letter from applicant advising that he will purchase the land and requesting a field inspection.
10/13/53	Letter from applicant requesting information on purchase of mineral rights to property.
10/21/53	Letter to applicant stating that ownership of mineral rights will be of sufficient interest in the land.
10/21/53	Referral letter to field.
10/21/53	Letter to applicant advising of field referral.
10/23/53	Memo from Executive Officer, Region 7, requesting information on ten-year lease.
11/5/53	Letter to Executive Officer, Region 7 (prepared by Legal Divn.) advising that DMEA policy in regard to ten-year leases has not changed. Ten-year leases are required when an Owner's Consent to Lien cannot be obtained.

11/19/53 Received Report of Examination by Field Team, Region VII. By Lawrence E. Shirley, Mining Engineer, USBM. The field team is in agreement on denial of application.

Resume:

The field team advises the following:

"Mica exposed in all of the workings examined is generally of poor quality. Only small mica was observed in place, but the major portion was stained badly, cracked, wavy, and ruled.....Because of the limited extent of the body and the quality of the mica examined, this writer believes that very little mica of strategic grade could be obtained from the deposits examined and recommends that the loan be denied."

Comments:

Because of the poor quality of the mica and the limited extent of the pegmatite the Nonmetallic Minerals Division recommends that the application for exploration assistance should be denied.

LGHouk:gad 11/24/53

Copy to: Admr. R. File
Docket File
Mr. Houk

IN REPLY REFER TO:

G-[illegible]-CN[illegible]

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

[illegible] Mineral Exploration
[illegible]
[illegible] 25 1953

November 24, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3167 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. F. Larrabee, U. S. Geological Survey
Applicant: Salem F. Bader, Burnsville, North Carolina
Name of property: Charles Garland property.
Location of property: 4.8 miles N 45° E of Boonford.
Date of field team report: November 10, 1953.
Authorship of field team report: L. L. Shirley.
Field team's recommendation: Denial.
Comments:

This property has little if any chance of containing a significant amount of strategic mica. Furthermore, if the applicant is the one I met in Washington some time ago (who identified fluorite and amazon stone as beryl), he probably would not be competent to mine a pegmatite.

ACTION SUGGESTED:

Follow field team's recommendation.

D. F. Larrabee

Larrabee:jeh
11/24/53
cc: Director's reading 4212
Branch reading 4212
DMEA 3
Larrabee G-230

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

Anderson
Hoak
Rewritten by

NOV 5 1953

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[illegible]

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

George C. Selfridge

[illegible]

Written by WOAnderson 10/30/53
Rewritten by AHkane/cma 11/2/53
cc: Mills G Files
Adm. R. File
Op. Comm.
Mr. Thayer
Mr. Hedges
Mr. Hoak
A. E. Kane
J. S. Hoffland
Chron.
Reading

[illegible]

J. H. Hedges

[illegible]

A. R. Kinkel, Jr.

[illegible]

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

rewritten

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

Subject: Docket No. DMEA-3167 - Mica
Salem A. Bader
Charles Garland Property
Yancey County, North Carolina

Dear Mr. Laurence:

Reference is made to your memorandum dated October 23, 1953, regarding term of leases.

A ten-year lease is required not only on this particular application but on all applications without Owner's Consent to Lien. Leases for less than ten years have been accepted because in many cases it was unreasonable and unnecessary to insist on a ten-year lease since we had the Owner's Consent to Lien. In the best interests of the Government we should endeavor to obtain a ten-year lease.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

FILE COPY
SURNAME:

Anderson
Houk

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

600

Memorandum

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

Subject: Docket No. DMEA-3167 - Mica
Salem A. Bader
Charles Garland Property
Yancey County, North Carolina

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Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

WCAnderson:gad 10/30/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

OCT 21 1953 600

Mr. Salem A. Bader

Burnsville, North Carolina

Re: Docket No. DMEA-3167 - Mica
Charles Garland Property
Yancey County, North Carolina

Dear Mr. Bader:

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. Lawrence, Executive Officer, DMEA Field Team, Region VII, 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 that you may give the members of the field team during the examination will be appreciated.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

WCAnderson:ged 10/5/53

Copy to: Admr. R. File
Docket File
Operating Committee
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

600

OCT 21 1953

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

Subject: Docket No. DMEA-3167 - Mica
Salem A. Bader
Charles Garland Property
Yancey County, North Carolina

Dear Mr. Laurence:

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

Copies of memoranda from the Geological Survey and the Bureau of Mines are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

D. M. Larrabee

Member, Geological Survey

Enclosures 4

WCAnderson:gad 10/5/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

OCT 21 1953

Mr. Galen A. Bader

Burnsville, North Carolina

Re: Docket No. DMEA-3167 - Mica
Charles Garland Property
Yancey County, North Carolina

Dear Mr. Bader:

Receipt is acknowledged of your letters of October 12, and October 13, 1953, requesting information on method of establishing sufficient interest in the Charles Garland Property for processing of an application for exploration assistance.

This Administration will consider that you have a sufficient interest in the land whether you purchase all of it or merely the mineral rights in it. If you own the mineral rights in the land then you need not obtain a consent to lien from the owner of the surface rights to the land. However, if you only hold a lease of the mineral rights for a period of years, then such lease must be for at least ten years and the "Owner's Consent to Lien" must be signed by the owner of the land.

Sincerely yours,

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

LGHouk:gad 10/20/53

Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

DRAFT
WCAnderson:AEK:e
Oct. 19, 1953

Mr. Salem A. Bader

Burnsville, North Carolina

Re: Docket No. DMEA-3167 - Mica
Charles Garland Property
Yancey County, North Carolina

Dear Mr. Bader:

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 for further consideration and possibly a field examination to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 2, Tennessee. The Regional Office will contact you at an early date if an examination is to be made, and any assistance that you may give the members of the Field Team during the examination will be appreciated.

This Administration will consider that you have a sufficient interest in the land whether you purchase all of it or merely the mineral rights in it. If you own the mineral rights in the land then you need not obtain a consent to lien from the owner of the surface rights to the land. However, if you only hold a lease of the mineral rights for a period of years, then such lease must be for at least ten years and the "Owner's Consent to Lien" must be signed by the owner of the land.

Sincerely yours,

Administrator

DEFENSE MINERALS ADMINISTRATION

97023

PRODUCTION EXPANSION DIVISION

PROCUREMENT APPLICATIONS

Name of Company and Address _____

Name of Mine and Location _____

Docket No. DMA - _____ Date received by P.E.D. _____

Metals or Minerals involved _____

Length of Contract (preproduction plus production) _____

Amount of Metals or Minerals in tons, units or pounds _____

Floor price or Guaranteed price and whether or not escalated _____

Maximum Government Commitment _____

Comments on Contract: _____

_____

_____

_____

_____

_____

Date sent to Legal Division _____

Date of Recommendation to D.P.A. for Certification _____

Date Certification sent to G.S.A. by D.P.A. _____

Date signed into Contract by G.S.A. _____

Additional Remarks: _____

_____

_____

_____

_____

NOTE: If application is denied, or if it is recommended for change into exploration, etc., please state under additional remarks.

Signed _____

Interior—Duplicating Section, Washington, D. C.

OCT - 9 1953

Mr. Salem A. Bader

Burnsville, North Carolina

Re: Docket No. DMEA-3167 (Mica)
Charles Garland Property
Yancey County, North Carolina

Dear Mr. Bader:

Reference is made to your application for exploration assistance on the Charles Garland Property in Yancey County, North Carolina.

An applicant must have a sufficient interest in the land to obtain an exploration project contract; and if you purchase the land in question, of course that will be satisfactory. However, a five-year lease, even with an option to purchase, is not acceptable unless an Owner's Consent to Lien is furnished. This "Owner's Consent to Lien" may be waived if the applicant shows that he has made a diligent but unsuccessful effort to obtain it and in lieu thereof supplies either a guaranty by a responsible third party or indicates his own financial responsibility by furnishing a statement showing the amount of stocks and bonds held by him, his average annual bank balance, his average annual income over the preceding two years, and the value of any other personal or real property owned, and a statement of his liabilities.

In the event a certification of discovery is issued, the operator's responsibility for royalty payments under certain circumstances continues, even though he may not have any interest in the land or any part in the mining operation when the ore is mined.

Sincerely yours,

SIGNED

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

LGHouk:AEK:ep 10-8-53

Copy to: Mails & Files
Admr. Reading File
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Region VII (2)
Mr. Houk
Mr. Hofflund
Mr. Kane

Chron.
Pending

OCT - 9 1953

Mr. Salem A. Bader

Burnsville, North Carolina

Re: Docket No. DMEA-3167 (Mica)
Charles Garland Property
Yancey County, North Carolina

Dear Mr. Bader:

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In the event a certification of discovery is issued, the operator's responsibility for royalty payments under certain circumstances continues, even though he may not have any interest in the land or any part in the mining operation when the ore is mined.

Sincerely yours,

SIGNED

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

LGHouk:AEK:ep 10-8-53

Copy to: Mails & Files
Admr. Reading File
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Region VII (2)
Mr. Houk
Mr. Hoffmund

Mr. Kane
Chron
Pending

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

600

Mr. Salem A. Bader

Burnsville, North Carolina

Re: Docket No. DMEA-3167 - Mica
Charles Garland Property
Yancey County, North Carolina

Dear Mr. Bader:

Reference is made to your application for exploration assistance on the Charles Garland Property in Yancey County, North Carolina.

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In the event a certification of discovery is issued, the operator's responsibility for royalty payments may continue even though he may not have any interest in the land or any part in the mining operation when the ore is mined.

Under certain circumstances

Even if he is a lessee

Sincerely yours,

Lawrence G. Houk

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

and if you purchase the land in question, of course that will be satisfactory. However, a

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

September 30, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3167, Mica, Salem A. Bader, Yancey County
North Carolina

No data are available in this office on subject property since it is a new prospect. It is suggested that the field team visit this property when a member of the field team is in that vicinity to ascertain if an exploration program is justified.

Signed

W. F. Dietrich

IN REPLY REFER TO:

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

September 17, 1953

Memorandum

[illegible] APPLICATION DMEA-3167 (Ga)

To: L. H. Houk, Defense Minerals Exploration Administration
From: D. A. Brobst, U. S. Geological Survey
Applicant's name and address: Salem A. Bader
(No mailing address on application.)
Name of property: Charles Garland
Location of property: Along Brush Creek, Yancey Co., N. C.
Summary of applicant's proposal: 10 days bulldozing, 50 ft. of shaft, open cut 50' x 10' x 30', 6 men's labor for 60 days, supervising engineer for 30 days, mining and construction materials to purchase and rent. Total cost $9,410.00
Sources of information on applicant's property:
No information is available in the Survey files on either the property or the applicant.

Comments:

1. Descriptions on application are inadequate--a schedule of exploration expenditures totalling $9,410.00 is presented, but no specific data or sketches are presented as to where the shafts and cuts are to be placed on the property.

2. The applicant has had 5 years mining experience.

3. Applicant claims mica in ruby of $40/lb quality and small quantities have been sold in 3 months of intermittent work on the property.

Recommendation: Refer to field team for examination of the property.

D. A. Brobst