600

APR 1 8 1954

Mr. John V. Arrendale

Tiger, Georgia

Re: Docket No. DMEA-3258 - Beryl-Mica
John V. Arrendale
Hook or Bleckley Mine
Chattahoochee National Forest
Rabun County, Georgia

Dear Mr. Arrendale:

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 beryl-mica 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

WCAnderson:gad 4/13/54
Copy to: Admr. R. File
Docket File
Operating Committee
Field Team, Region VII
Mr. Dietrich, 3061
Mr. Larrabee, G-232 GSA Bldg.
Mr. Hook

April 13, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: A denial of exploration assistance and summary report.

By: Walter C. Anderson

1. DMEA Docket No. 3258 - Beryl and Mica
   Property - Beck or Blechley Mine
   Rabun County, Georgia

   Applicant - John V. Arrendale
   Tiger, Georgia

2. Application, Form MF-103, dated February 13, 1954
   Amount requested: $310.00
   No contract: Application denied.

3. Comments:

   Geological Premise - An exposed zoned pegmatite 10-15 feet thick will continue.

   Geological criteria:
   1. Zoned pegmatite 10-15 feet thick.
   2. Mica not strategic quality.
   3. No beryl observed in exposed pegmatite.
   4. Past production is not known.

   Future possibilities: None for production of beryl and strategic mica.

   Recommendation: Concur with field team that application should be denied. The Geological Survey and the Bureau of Mines also concur.

WCAnderson:gad 4/13/54
Copy to: Admr. R. File
Docket File
Mr. Houk

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

Department of the Interior
Defense Minerals Administration
RECEIVED
APR 8 1954

April 8, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3258

Applicant: John V. Arrendale

Name and Location of Property: Beck Mine
Rabun County, Georgia

Date of Field Team Report: March 31, 1954

Date Rec'd. by Ceramic & Fert. Mats. Br.: April 6, 1954

Field Team Recommendation:

1. Denial of application.

Comments:

1. Mica is not of strategic quality.
2. Zoned pegmatite dike is exposed but practically no strategic mica was located.

Recommendation:

I concur in the field team's recommendation to deny application on the basis that the mica is not of strategic quality and the possibility of obtaining strategic mica is doubtful.

Signed

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CNM

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

April 6, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3258 (mica-beryl)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. A. Brobst, U. S. Geological Survey
Applicant: J. V. Arrendale, Tiger, Ga.
Name of property: Beck Mine.
Location of property: 7.5 airline miles east of Clayton, Rabun County, Georgia.
Date of field team report: March 22, 1954.
Authorship of field team report: K. H. Teague, D. H. Amos, U.S.G.S., and L. E. Shirley, U.S.B.M.
Field team's recommendation: Denial.
Comments: No beryl was observed by the examiners and the mica was found not of strategic quality.
ACTION RECOMMENDED: Follow field team's recommendation.

D. A. Brobst

Brobst:jeh
4/6/54
cc: DMEA 3
Director's reading 4212
Branch reading 4212
Brobst G-230

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

COPY

~~WASHINGTON 25, D.C.~~
Room 13, Post Office Bldg.
Knoxville 2, Tenn.

March 31, 1954

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, D M E A - Region VII - Knoxville

Subject: Field Examination Reports:
DMEA-3258 (mica) John V. Arrendale
DMEA-3259 (mica-beryl) Ramey and Arrendale. Georgia

Enclosed are 4 copies of field examination reports on each of the two subject applications.

We agree with the examiners' conclusions and recommend denial of both applications.

/s/ Robert A. Laurence
Executive Officer
DMEA Region VII

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

Reviewed by
DMEA OPERATING COMMITTEE
4-7-54
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

KNOXVILLE, TENN.

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

On

DMEA-3258, BECK MINE (beryl-Mica)
Rabun County, Georgia

By

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

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

Dewey H. Amos, Geologist
U. S. Geological Survey

March 29, 1954

Reviewed by
DMEA OPERATING COMMITTEE
4-7-54
(date)

FIELD EXAMINATION REPORT
ON
DMEA-3258, BECK MINE (beryl - Mica)

Applicant: John V. Arrendale, Tiger, Georgia.

The mica present at this mine is not of strategic quality and though beryl has been recorded from this locality none was observed by the examiners. The field examiners, therefore, recommend that exploration assistance be denied.

This property was examined on March 22, 1954. Mr. John V. Arrendale accompanied the field examiners on the inspection which required 1 1/2 hours.

The Beck Mine is located 7.5 airline miles east of Clayton, Rabun County, Georgia in the Chattahoochee National Forest in Lot 66, 4th district. The property is the one described as the Mark Beck Mine on pages 155-156 of Bull. 48, Georgia Geological Survey.

The applicant has recently bulldozed a trench 150 feet long and 15 feet deep along the strike of the pegmatite. This work has exposed a zoned pegmatite 10-15 feet thick which consists of a quartz core 1 - 3 feet thick enclosed by a zone of white feldspar, pink perthite, quartz and green muscovite. The pegmatite strikes N-S and dips steeply to the west. The country rock, a mica gneiss, strikes N. 60° E. and dips 25-35° NW.

Although some of the mica books are of considerable size (up to 10 inches in diameter), most is "wedge - A", curved, and heavily mineral stained. Practically none of the mica observed is of strategic quality. No beryl was observed during the examination but it has been reported from this mine.

The mine was operated about 1900 and again for a short time about 1920. Past production is not known.

March 22, 1954

K. H. Teague and D. H. Amos, Geologists
U. S. G. S.

L. E. Shirley, Mining Engineer
U. S. B. M.

600

MAR 1 1954

Mr. John V. Arrendale

Tiger, Georgia

Re: Docket No. DMEA-3258 - Beryl-Mica
John V. Arrendale
Beck or Bleckley Mine
Chattahoochee National Forest
Rabun County, Georgia

Dear Mr. Arrendale:

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,

E. O. Mittendorf

Administrator

LGHouk:gad 2/25/54
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

MAR 1 1954

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

Subject: Docket No. DMEA-3258 - Beryl-Mica
John V. Arrendale
Beak or Bleckley Mine
Chattahoochee National Forest
Rabun County, Georgia

Dear Mr. Laurence:

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

Copies of memoranda from the Geological Survey, dated February 19, 1954, and from the Bureau of Mines, dated February 23, 1954, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

Philip W. Guild
Member, Geological Survey

Enclosures 4
Concurred 2/25/54
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

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

February 23, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3258

Applicant: John V. Arrendale

Name and Location of Property: Bleckley Mine
Rabun County, Georgia

Application Rec'd by Ceramic and Fert. Mats. Branch: February 18, 1954

Comments:

1. Mica from this mine, as described in Georgia Geological Survey Bulletin 48, page 151, was found to be hard, split well, but mostly of the "A" type, green in color, and spotted. The report states "the exposure is not especially favorable, but later prospecting might develop possibility . . ."

2. No definite exploration plan has been submitted by the applicant, nor an estimated cost of the project.

3. Applicant states he has had previous experience in mica mining.

Recommendation:

It is recommended the field team visit this property to ascertain if an exploration program is justified, and arrange with the applicant for a definite exploration plan.

Signed

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CNM

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

Defense Minerals Administration
RECEIVED
FEB 19 1954

February 19, 1954

Memorandum

REVIEW OF APPLICATION DMEA-3258 (BERYL AND MICA)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. A. Brobst, U. S. Geological Survey
Applicant's name and address: John V. Arrendale, Tiger, Georgia.
Name of property: Beck or Bleckley Mine.
Location of property: On Squirrel Creek in lot 66 in 4th Land District of Rabun County, Georgia.
Summary of applicant's proposal: The applicant plans to hire a bulldozer for 2 days at $10/hr. He wants another $150 for tools, labor, and blasting material. The cost is estimated to be $310.
Sources of information on applicant's property: None.
Comments:

1. The applicant has done some work on the property with a bulldozer and believes that more work is needed. The descriptions of the prospect are not complete. The field team will have to be sent to examine the property for a further decision.

RECOMMENDATION:

Send the field team to examine the property.

D. A. Brobst

Brobst:jeh
2/19/54
cc: Director's reading 4212
Branch reading 4212
DMEA 3
Brobst G-230