October 5, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: A denial of exploration assistance and closing review.
Docket No. DMM-3104 - Mica
Property: Dolph Hensley Mine
Yancey County, North Carolina
Located 2.2 airline miles due south of Burnsville.
Applicant: J. L. Biggs and James Robinson
Amount requested: $4,935.00
No contract: Application denied.
Examination Report of Field Team, dated September 4, 1953
Authors: K. F. Teague and L. E. Shirley

Docket Summary:

7/1/53 Received application Form MP-103.
7/1/53 Receipt of application acknowledged.
7/1/53 Received revised application Form MP-103.
7/8/53 Received memo from D. M. Larrabee, USGS, recommending that applicant furnish more complete data.
7/9/53 Received memo from W. F. Dietrich, USBM, recommending examination by the field team.
7/30/53 Received memo from D. M. Larrabee, USGS, recommending examination by the field team.
8/6/53 Referral to Region VII for field examination.
9/8/53 Received Report of Examination by Field Team, Region VII. Authors: K. H. Teague and L. E. Shirley. The Field Team concurred in denial of application.
9/15/53 Received memo from Donald A. Brobst, USGS, concurring in Field Team's recommendation.
9/16/53 Received memo from W. F. Dietrich, concurring in Field Team's recommendation.

Resume:

The Field Team reports that the workings at this mine consist of a crescent shape open stope made in the hillside. The cut is about 50 feet long by 35 feet deep at the uphill end. In addition, an adit 36 feet long was recently driven, 10 feet above and 20 feet north of the cut. No pegmatite was encountered in the new adit. In the old cut the pegmatite is 4 to 6 feet thick and is unzoned. The pegmatite has been worked about 50 feet along the strike. It is

A

DMEA-3104
Mica
Region VII

J. L. BIGGS AND JAMES ROBINSON, T/A BIGGS AND ROBINSON, PARTNERSHIP, GREEN MOUNTAIN, NORTH CAROLINA. Dolph Hensley Mica Mine, Yancey County, North Carolina. 9/14/53 #267

Field Examination Report recommending denial. The report was referred to the Commodity Group.

DMEA-3104
Mica
Region VII

J. L. BIGGS AND JAMES ROBINSON, T/A BIGGS AND ROBINSON, PARTNERSHIP, GREEN MOUNTAIN NORTH CAROLINA. Dolph Hensley Mica Mine, Yancey County, North Carolina. 8-5-53

Letter to the Field requesting an examination, if deemed advisable, and a report and enclosing copies of memoranda from the Bureau of Mines and the Geological Survey. Letter to the Applicant. #257

unweathered and is composed of medium coarse soda feldspar, small pods of quartz, muscovite and biotite. The mica appears to be distributed erratically through the pegmatite and is not abundant and all that was observed by the field team was in small sizes.

In its report, the Field Team makes the following statement: "This deposit is of dubious value. Much of the mica is mineral stained and the competency of the applicants is questionable. Perhaps the proper action to take on this application is to deny it."

Comments and Recommendation:

The Field Team has submitted an unfavorable report. Also, the applicant has not made a good presentation for exploration assistance. The deposit, evidently, does not contain sufficient mica to justify an exploration loan and the applicant's reputation as a miner is a deterrent factor. The Nonmetallic Minerals Division feels it has sufficient evidence for denial. The application for exploration assistance should be denied.

W. C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 10/5/53

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

OCT - 8 1953 600

T/A Biggs and Robinson
C/o J. L. Biggs
Green Mountain, North Carolina

Re: Docket No. DMEA-3104 - Mica
J. L. Biggs and James Robinson
Dolph Wensley Mine
Yancey County, North Carolina

Dear Mr. Biggs:

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. C. Mittendorf

Administrator

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

Field Team, Region VII

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

September 15, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3104, Mica, Dolph Hensley Mine, L. Briggs and James Robinson, Yancey County, North Carolina

I concur in the field team's recommendation to deny subject application on the basis that the mica is non-strategic quality mica.

Signed

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CRM

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

September 14, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3104 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: Donald A. Brobst, U. S. Geological Survey
Applicant: J. L. Briggs and James Robinson, c/o J. Robinson, Green Mountain, North Carolina.
Name of property: Dolph Hensley Mine, Yancey County, North Carolina.
Location of property: West of Bee Branch near ridge crest 2.2 air miles south of Burnsville, Yancey County, North Carolina.
Date of field team report: September 4, 1953.
Authorship of field team report: K. H. Teague and L. E. Shirley
Field team's recommendation: Denial.
Comments: Exploration not justified, according to report.
ACTION SUGGESTED: Follow field team's recommendation.

Donald A. Brobst

Brobst:jeh
9/14/53
cc: Director's reading 4212
Branch reading 4212
DMEA 3
Brobst G-230

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
Room 13, Post Office Bldg.
Knoxville 2, Tenn.

COPY

September 4, 1953

Memorandum

To: Chairman, Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region 7

Subject: Field Examination Reports.

Transmitted herewith are four copies each of the following reports:

√ DMEA - 3104, Dolph Hensley Mine (mica)

DMEA-2960, Rogers Mine (mica)

DMEA-3126, Vance Bryson Mine (mica)

The Field Team isin agreement on the denial of the above listed examinations.

/s/ Wm. A. Beck
Wm. A. Beck
Acting Executive Officer
DMEA - Region 7

/s/ Benjamin Gildersleeve
Benjamin Gildersleeve
U. S. Geological Survey

Reviewed by
DMEA OPERATING COMMITTEE
9-14-53
(date)

Reviewed by
DMEA OPERATING COMMITTEE

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

ON

DOLPH H. HUSLEY MINE-DMEA-3104
(mica)
Yancey County, N. C.

By

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

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

September 4, 1953

Reviewed by
DMEA OPERATING COMMITTEE
9-14-53
(date)

Field Examination Report
on
DOLPH HENSLEY MINE- DMSA-3104 (mica)
Applicants: N. L. Biggs and James Robinson, c/o James Robinson
Green Mountain, North Carolina

This deposit is of dubious value. Much of the mica is mineral stained and the competency of the applicants is questionable. Perhaps the proper action to take on this application is to deny it.

The deposit was examined on August 26, 1953. Mr. J. L. Biggs accompanied the examiners on the inspection which required two hours.

The Dolph Hensley mine is west of Bee Branch near the ridge crest 2.2 airline miles due south of Burnsville, Yancey County, N. C. Access to the mine is possible by truck or jeep during dry weather.

Both of the applicants have had some mica mining experience; however, neither have the finances, nor the credit necessary to carry the project for the first month. Furthermore, neither have adequate education to do the limited bookkeeping necessary for the project.

Workings at this mine consist of a crescent shape open stope made in the hillside. The cut is about 50 feet long and at the uphill end (northwest) about 35 feet deep. In addition to this cut, the applicants have recently driven an adit which is 10 feet higher and 20 feet north of the old cut for 36 feet in a westerly direction. No pegmatite has been encountered in the new adit and its value is not readily apparent.

In the old cut the pegmatite is from 4 to 6 feet thick and is unzoned. At the east end the pegmatite sill strikes east-west and dips 50° N. As it continues to the west, it bends gradually to the north and the dip steepens. At the northwest end the pegmatite strikes N. 30° W. and dips about 60° SW. The pegmatite has been worked about 50 feet along the strike. It is unweathered and is composed of medium coarse soda feldspar, small pods of quartz, muscovite and biotite. The mica appears to be distributed erratically through the pegmatite and is not abundant; all that was observed is in small sizes. The country rock is interlayered biotite gneiss and hornblende gneiss.

The mica is ruby colored, hard, and generally contains brown mineral stain. All observed was bent and rather badly cracked.

It is reported that an unsuccessful attempt was made to work this deposit during World War II. The examiners are of the opinion that most of the mica that could be obtained from this deposit will be of electric grade. We believe that exploration aid is not justified.

Sept. 4, 1953

Kefton A. Teague, USGS

Lawrence L. Shirley, USBM

600

AUG 6 1953

T/A Biggs and Robinson
C/o J. L. Biggs
Green Mountain, North Carolina

Re: Docket No. DMEA-3104 - Mica
Dolph Hensley Mica Mine
Yancey County, North Carolina

Dear Mr. Biggs:

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 VII, Room 13, Post Office Building, Knoxville 2, Tennessee, for a field examination, should he deem it necessary.

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,

C. O. Mittendorf

Administrator

JHopkins:gad 8/4/53

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

AUG 6 1953

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

Subject: Docket No. DMEA-3104 - Mica
J. L. Biggs and James Robinson
Dolph Hensley Mica Mine
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

A. R. Kinkel, Jr.

Member, Geological Survey

Enclosures 4

JHopkins:gad 8/4/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

G-MD-CNM
IN REPLY REFER TO:

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

July 30, 1953

Memorandum

REVIEW OF APPLICATION DMEA-3104 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: J. L. Biggs and James Robinson, Green Mountain, North Carolina.
Name of property: Dolph Hensley mine.
Location of property: Yancey County, North Carolina.
Summary of applicant's proposal:

1. Strip overburden from NE trenching dike.
2. 50' shaft
3. 60' drift

$4,935

Sources of information on applicant's property:
Sterritt - see our memo. July 8, 1953.
Comments:
4(e) Statement and map in disagreement.
(See our memo. July 8, 1953)
RECOMMENDATION: Refer to Field Team.

D. M. Larrabee

Larrabee:jeh
7/30/53
cc: Director's reading 4212
Branch reading 4212
DMEA 3 ✓
Larrabee G-232 files

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

July 9, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3104, Mica, Dolph Hensley Mine
Yancey County, North Carolina

No data are available in this office on subject property. 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:
(L-MD-CNM

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

July 8, 1953

Memorandum

REVIEW OF APPLICATION DMEA-3104 (Mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: J. L. Biggs and James Robinson, Green Mountain, North Carolina.
Name of property: Dolph Hensley Mica Mine.
Location of property: Yancey County, North Carolina.
Summary of applicant's proposal: Not stated.
Sources of information on applicant's property:
Sterrett, D. B., 1923, Mica deposits of the United States, U. S. Geol. Survey Bull. 740, p. 276.
Two shafts (40 ft. and 45 ft.) were in pegmatite in 1906.
Two overlapping lenses, 3 to 4 ft. thick.
Minimum of 50 feet long on surface.
Blocks of mica supposedly weighed many pounds; part was clay stained and part was clear amber color.

Comments:
Applicant provides virtually no information.

RECOMMENDATION:
Request applicant for more complete data.

D. M. Larrabee

Lawthers:jeh
G-7/8/53
cc: Director's reading 4212
Branch reading 4212
DMEA 3
files G-232

IN REPLY REFER TO:
G-M-CNR

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

July 8, 1953

Memorandum

REVIEW OF APPLICATION DMEA-3104 (Mica)

To: L. G. Hous, Defense Minerals Exploration Administration
From: D. H. Larrabee, U. S. Geological Survey
Applicant's name and address: J. L. Biggs and James Robinson, Green Mountain, North Carolina.
Name of property: Dolph Hensley Mica Mine.
Location of property: Yancey County, North Carolina.
Summary of applicant's proposal: Not stated.
Sources of information on applicant's property:
Sterrett, D. B., 1923, Mica deposits of the United States, U. S. Geol. Survey Bull. 740, p. 276.
Two shafts (40 ft. and 45 ft.) were in pegmatite in 1906.
Two overlapping lenses, 3 to 4 ft. thick.
Minimum of 50 feet long on surface.
Blocks of mica supposedly weighed many pounds; part was clay stained and part was clear amber color.

Comments:
Applicant provides virtually no information.

RECOMMENDATION:
Request applicant for more complete data.

D. H. Larrabee

Lawthers:jeh
G-7/8/53
cc: Director's reading 4212
Branch reading 4212
DMEA 3
files G-232

IN REPLY REFER TO:

G-[illegible]

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

July 8, 1953

Memorandum

REVIEW OF APPLICATION DMMA-3104 (Mica)

To: L. G. Hous, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: J. L. Biggs and James Robinson, Green Mountain, North Carolina.
Name of property: Dolph Hensley Mica Mine.
Location of property: Yancey County, North Carolina.
Summary of applicant's proposal: Not stated.
Sources of information on applicant's property:
Sterrett, D. B., 1923, Mica deposits of the United States, U. S. Geol. Survey Bull. 740, p. 276.
Two shafts (40 ft. and 45 ft.) were in pegmatite in 1906.
Two overlapping lenses, 3 to 4 ft. thick.
Minimum of 50 feet long on surface.
Blocks of mica supposedly weighed many pounds; part was clay stained and part was clear amber color.

Comments:
Applicant provides virtually no information.

RECOMMENDATION:
Request applicant for more complete data.

D. M. Larrabee

Lawthers:jeh
G-7/8/53
cc: Director's reading 4212
Branch reading 4212
DMMA 3
files G-232

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 29 1953

Revised application

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. DMEA-3104
Metal or Mineral
Date Received 7/29/53
Estimated Cost
Participation (Government %)

DMEA-3104 (Mica)
Dolph Hensley Mica Mine
Yancey County, N. C.

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:

J. L. Biggs and James Robinson
c/o J. L. Biggs
Green Mountain, 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

See lease which accompanied original application

(*b*) State any mine name by which the property is known. Dolph Hensley

(*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. Submitted lease and owner's consent to lien

(*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.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

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

5. *The exploration project.*—(*a*) State the mineral or minerals for which you want 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.

(*c*) The work will start within 10 days and be completed within 5 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:

(*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)?

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

☐ Money ☐ 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.

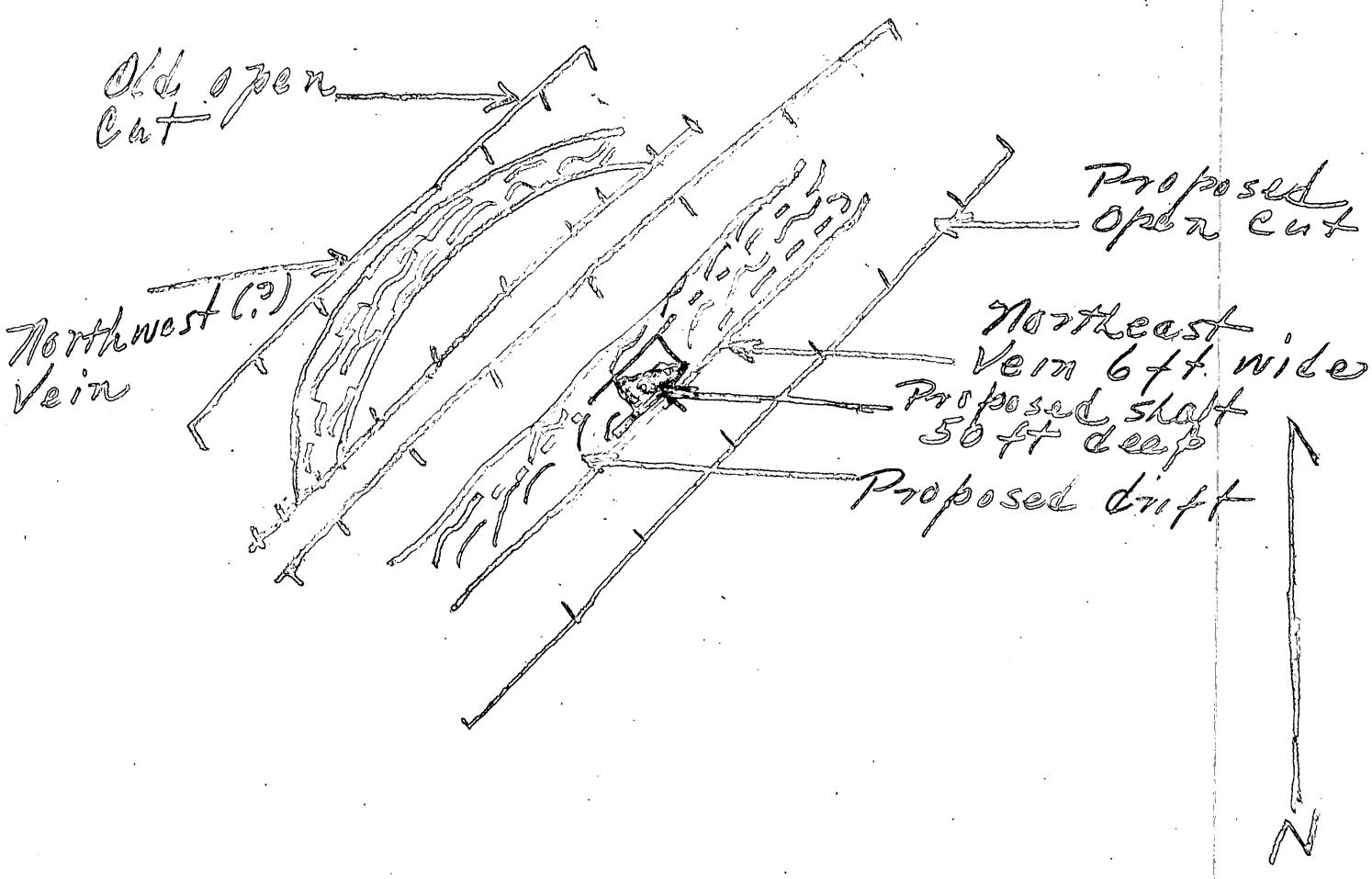
Dated July 23, 1953, 195__

J. S. Biggs
(Applicant)

By

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



SKETCH MAY OF DOLPH HENSLEY MINE

RECEIVED
JUL 30 1953

Some previous work was done by 4 (a) Dolph Hensley in 1925. He made an open cut by removing surface material by hand and trenched the pegmatite by hand drilling anf shooting. Kelse Boone came in a short time later and continued trenching, using the same methods. Around 1940 Corb Robinson worked the same open cut, deepening the cut ~~f~~ 4 feet by ~~benching~~ benching. In March 1953 the applicant, J. L. Biggs, drove a tunnel for about 30-35 feet, timbered for about 20 feet, without picking up the vein.

The mine and all works are accesible at all times of the year

(b) No figures are available on production or reserves

(c) The deposit consists of two veins, both of which have been explored slightly, one strikes N E and the other N W with pronounced dip on the Northeast trending vein. The vein is made up of feldspar, quartz, biotite, and muscovite mica which is ruby colored.

(d) The mine is located about 1/2 mile North of Burnsville-Pensacola road and a bulldozed road extends from a gravel branch road to within 300 ft. of the mine. The mine is 6/3/4 miles from Burnsville, N. C., the nearest shipping point and 21 3/4 miled to Spruce Pine and the GSA Depot where the mica will be sold. Supplies are available in Spruce Pine, N. C., My residence is 12 miles from the mine but my present plans include moving to the mine site if a contract is awarded.

(e) Labor is plentiful in the immediate area. Materials, Supplies, and equipment are available locally. Water is available at the mine site. Single phase power is available, and a line runs within 200 yards of the mine.

5 (a) MICA

(b) We propose to strip the over burden from the N E trending vein and this will take from 3 to 5 days of bulldozer work. When the vein is exposed I would like to sink a 50 ft. shaft on the pegmatite, and drift 60 ft. along the trend of the vein.

(c) Filled in on application.

(d) J. L. Biggs has mined mica in the Burnsville Area peridoically for the past 15 years and has worked at the Cattail, Old Balsam, and recently at the Huskins Mine in Yancey County, N. C.

James Robinson has worked at the Huskins Mine for the past 6 months but had no previous experience.

All work will be under the supervision of J. L. Biggs, who can carry out all phases of the mining operations.

6 (a) NONE

(b)	1 Foreman	100 shifts @	$1.25 hr.	$1000 00
	1 Driller	100 shifts @	1 25 hr.	1000 00
	2 Muckers	100 shifts @	1 00 hr	1600 00
		Sub Total	Labor	$3600 00

(c)	Hands tools such as picks, shovels, etc.	40 00
	Drill steel	45 00
	Sub Total	$ 85 00

(e)	Rental on air compressor, 3 mos. @ $120.00		360 00
	Rental on Motor 3 mos. @ 60 00		180 00
	Operating Expense sub total		540 00
(f)	NONE		
(g)	Bucket and accessories equipment 1 each	2 @ 550 00	00 00
	Tool House 10' x 12'	$120 00	120 00
	sub total		1120 00
(h)	Contractor Compensation and Employees Liability Insurance		200 00
(i)	Fees.		40 00
	sub total		240 00
(j)	None		
	TOTAL ESTIMATED COST		10 000 00

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 13 POST OFFICE BLDG.
WASHINGTON 25, D.C.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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JUL 20 1953

July 17, 1953

Mr. L. G. Houk, Chief
Nonmetallic Minerals Division
Defense Minerals Exploration Admin.
Dept. of the Interior
Washington 25, D. C.

Re: Docket No. DMA-3104 - Mica
Dolph Hensley Mica Mine
Yancey County, N. C.

Dear Larry:

Reference is made to the last paragraph of your letter of July 15 to the subject applicant.

L. E. Shirley is the Bureau of Mines engineer who follows all of the DMA mica projects in North Carolina, and is located at 111 Patton Avenue, Asheville, North Carolina. The Bureau of Mines no longer has an office at 180 Cox Avenue, Asheville, N. C.

J. F. O'Neill is the Bureau of Mines engineer who follows all of our work in Alabama and Georgia and is located at Box L, University, Alabama. The Bureau office is on the University of Alabama campus.

Just to put you straight,

Sincerely

Robert A. Laurence

Robert A. Laurence
Executive Officer, DMEA
Field Team, Region 7

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T/A Biggs and Robinson
C/o J. L. Biggs
Green Mountain, North Carolina

Re: Docket No. DMEA-3104 - Mica
Dolph Hensley Mica Mine
Yancey County, North Carolina

Dear Mr. Biggs:

Reference is made to your application for exploration assistance on the Dolph Hensley Mica Mine, Yancey County, North Carolina.

It is not possible to evaluate your application because you have given no details on the work you propose to do nor any estimates on the cost of doing the work. It is essential that you answer all of the questions in MF-103, Application for Exploration Assistance, particularly 6 (a) to (h).

Should you need assistance to complete your application Mr. L. E. Shirley, Bureau of Mines, Room 13, Post Office Building, Knoxville 2, Tennessee, or Mr. J. F. O'Neill, 130 Cox Avenue, Asheville, North Carolina, will help you.

Sincerely yours,

Signed

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

LGHouk:gad 7/15/53

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