DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3714

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Cys to USBM and USGS.

This document has been recorded as

Exploration

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

Routing Slip

To:	600	Date	3/8/55
To:	Hopkins	Date	3/8/55
To:	Open Conn	Date	3-23-55
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CONTROLLED DOCUMENT

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

August 5, 1955

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: A denial of exploration assistance and summary report.

By: James Hopkins

1. Docket No. DMEA-3714 - Mica
Property: Hoyle Property consisting of 55 acres
Jackson County, North Carolina
Applicant: Amos Jack Hoyle
Route #1, Sylva, North Carolina

Application: Date received 3/8/55
Work proposed: 100 feet of drifting.
Amount requested: $4,645.00.

No contract: Application denied.

2. Comments:

The applicant proposed to explore a forked pegmatite that had been prospected to a limited extent by two small open cuts normal to the trend. The main body is 36 inches in thickness. One fork is 36 inches while the other fork is only 6" to 18" in thickness.

The pegmatite where examined by the field team is composed essentially of quartz and burr rock. A small amount of soda feldspar and poor quality muscovite are present. Accessory minerals are garnet and pyrite. Mica is ruby colored, hard, small, contains abundant black spots and all is bent and wavy. Mica is not abundant.

Another thin pegmatite near the Hoyle house was examined. A short incline exposes a thin pegmatite which has been broken by post-pegmatite faulting. Only mica of inferior quality occurs in this pegmatite.

The examiners conclude that these pegmatites are neither of sufficient size nor contain sufficient mica of strategic grade to warrant exploration. Therefore, they recommend that the application be denied.

The Nonmetallic Minerals Division concurs in the field team's recommendation. The Commodity Specialists of the Geological Survey and Bureau of Mines also concur in the recommendation.

James Hopkins
Nonmetallic Minerals Division

DOCKET FILE
Surname:

Hopkins
Houk
Crawford
Tracey
Martin
F E Johnson

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

Mr. Amos Jack Hoyle
Route #1
Sylva, North Carolina

MAY - 6 1955

Re: Docket No. DMEA-3714 - Mica
Amos Jack Hoyle
Hoyle Property
Jackson County, North Carolina

Dear Mr. Hoyle:

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 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,

Frank E. Johnson (Act)

ACTING Administrator

JHopkins:ad 5/5/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.S.K.

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

April 26, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Donald R. Irving, Acting for
Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3714 (mica)

Applicant: A. J. Hoyle

Name and Location of Property: Hoyle Property
Jackson County, North Carolina

Date of Field Team Report: April 14, 1955

Date Rec'd. by Br. of Ceram. & Fert. Mat.: April 21, 1955

Field Team Recommendation:

1. Denial.

Comments:

1. Mica is not abundant in pegmatite dike.

2. Little possibility of encountering strategic mica.

Recommendation:

I concur in the field team's recommendation to deny subject application.

Donald R. Irving

Donald R. Irving

IN REPLY REFER TO:

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

April 22, 1955

APR 25 1955

Re: DMEA-3714
A. J. Hoyle
(Hoyle Property)
Jackson Co., N. C.
$4,645 - Mica

Memorandum

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

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of Field Team examination report

The Field Team has recommended the applicant's proposal be denied.

Examination of two pegmatite occurrences indicated strategic mica is unlikely to be found in sufficient quantities to justify Government exploration assistance. The pegmatites are mainly composed of quartz and burr rock. Small amounts of mica occur in the pegmatites, but is all of poor quality.

The evidence presented in their report substantiates the recommendation for a denial. I concur with their conclusions that this application be denied.

E. L. Newcomb

E. L. Newcomb

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

April 14, 1955

Memorandum

To: Operating Committee - DMEA - Washington

From: Field Team - D.M. E. A. Region 5, Knoxville, Tennessee

Subject: Field Examination Report, DMEA-3714 (mica) Amos Jack Hoyle, Sylva, N. C. Hoyle Property, Jackson County, N. C.

Enclosed are four copies of the subject examination report.

We agree with the examiners' recommendation for denial of the application.

Robert A. Laurence
Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch
V. J. Lynch, Mining Engineer
Member - DMEA Field Team
U. S. Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
4-22-55
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM EXAMINATION REPORT
REGION V

On

DMEA-3714, HOYLE PROPERTY (mica)
Jackson County, N. C.

BY

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

K. H. Teague, Geologist
and
D. H. Amos, Geologists
U. S. Geological Survey

Reviewed by
DMEA OPERATING COMMITTEE
4-22-55
(date)

April 13, 1955

FIELD EXAMINATION REPORT
ON

DMEA-3714, HOYLE PROPERTY (mica)

Applicant: Amos Jack Hoyle, Route #1, Sylva, North Carolina

Two different pegmatite occurences were examined on this property. Neither are of sufficient size nor contain sufficient mica of strategic grade to warrant exploration. Therefore, the examiners recommend that the application be denied.

This property was examined on March 31, 1955. Messrs. Amos Jack Hoyle and Amos Jack Hoyle, Jr. accompanied the examiners on the inspection. Mr. Thor H. Kiilsgaard, U. S. G. S. and L. G. Houk, DMEA, were present at the examination which required 1.5 hours.

The Hoyle Property is northeast of Carver Mountain, 1.51 airline miles S. 18° E. of Addie, Jackson County, North Carolina. Access is generally good except during periods of heavy rain.

A pegmatite which forks has been prospected to a limited extent. It has been worked by two small open cuts which have been made normal to the trend of the pegmatite. The northern cut intersects the pegmatite at the point where the two prongs join. The other cut is on the east fork of the pegmatite.

North of the junction the pegmatite is about 36 inches thick and trends N-S. South of the fork the west fork is similar in thickness and trends to the pegmatite north of the fork; the east prong, however, is only 6-18 inches thick and trends N. 50° W. Dips of all exposed pegmatite is between 35° and 45° W. Only the southeastern prong corsscuts the foliation of the biotite gneiss country rock.

The pegmatite is composed essentially of quartz and burr rock. A small amount of soda feldspar and poor quality muscovite are present. Accessory minerals include garnet and pyrite. The mica is ruby colored, hard, small, contains abundant black spots, and all is bent and wavy. Mica is not abundant. Denial is recommended on this pegmatite.

Another thim pegmatite occurs lower on the slope near the Hoyle home. A short incline exposes a thin pegmatite which has been broken by post-pegmatite faulting. Only mica of inferior quality occurs in this pegmatite.

Neither pegmatite offers sufficient amount of mica to warrant exploration.

April 13, 1955.

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

K. H. Teague and D.H. Amos, Geologists
U. S. Geological Survey

DOCKET COPY
Surname:

Hopkins
Hardy
Selfridge
Johnson

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

600

MAR 2 4 1955

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

Subject: Docket No. DMEA-3714 - Mica
Amos Jack Hoyle
Hoyle Property
Jackson 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 from the Geological Survey, dated March 15, 1955, and from the Bureau of Mines, dated March 15, 1955, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JB)

Approved:

J. H. Hedges (JB)
Member, Bureau of Mines

Thor H. Kiilsgaard (JB)
Member, Geological Survey

Enclosures 4

JHopkins:ad 3/22/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.G.S.

FILE COPY
Surname:

Hopkins
Houk
Kiilsgaard
Hedges
Dietrich
F. G. Johnson

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

MAR 24 1955

Mr. Amos Jack Hoyle
Route # 1
Sylva, North Carolina

Re: Docket No. DMEA-3714 - Mica
Amos Jack Hoyle
Hoyle Property
Jackson County, North Carolina

Dear Mr. Hoyle:

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 that you may give the members of the field team during the examination will be appreciated.

As requested, we are returning a letter addressed to you from the General Services Administration, regarding the quality of a sample of mica from your property.

Sincerely yours,

C. O. Mittendorf
(by EST)
Administrator

Enclosure

JHopkins:ad 3/22/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

R.O.S.

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

March 15, 1955

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 16 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3714 (mica)

Applicant: Amos Jack Hoyle

Name and Location of Property: Hoyle Property
Jackson County, North Carolina

Date Application Rec'd. by Br. of Ceram. & Fert. Mat.: March 9, 1955

Comments:

1. Proposed exploration is not explicit, although it appears applicant proposes to extend existing 14 foot adit 100 feet.

2. No copy of the evaluation report by the GSA Purchasing Depot, Spruce Pine, as noted on page 1A, 4(c), was attached to the copy of the application received by this office.

3. Although it would be desirable for the applicant to furnish more complete information, it appears that a visit by an examiner would furnish more useful data.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

March 15, 1955

Re: DMEA-3714
A. J. Hoyle
(New Prospect)
Jackson Co., N. C.
$4,645 - Mica

Memorandum

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

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of application

The applicant has proposed to further explore his prospect by driving a 100 foot tunnel.

Apparently surface pitting and a short tunnel have been driven. The results of this work are not given in the application. The Spruce Pine Depot report indicates favorable mica occurs on the prospect, but we cannot determine what quantity may be present from the limited data in the application.

Although this application lacks considerable essential data, it is unlikely that the operator is competent to present any new information.

I recommend the application be referred to the Field Team for their review and a possible field examination when it is convenient.

E. L. Newcomb
E. L. Newcomb

DMEA 3714

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 - 1955

March 8, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA- Region V - Knoxville, Tenn.

Subject: Application for Amos J. Hoyle, Sylva, N. C. (mica)
Additional Information

Transmitted are three copies of additional information to be attached to the copies of the subject application which was mailed your office March 3rd. We have retained one copy to be attached to our copy of the application. Please note the typographical error on the first line of the description of the second tract. By comparison with a typewriter we assume that the figures % and ' should be 5 and 8.

Robert A. Laurence

Robert A. Laurence

Sylva, N.C.
Mar 7 1955

DEPARTMENT OF THE
Defense Minerals
RECEIVED
MAR 9 - 1955

Dear Sirs,

The exploration aid requested will apply to the second tract as described in the following legal description of property.

Amos Jack Hoyle

by Alton L. Hoyle

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 - 1955

NORTH CAROLINA,
JACKSON COUNTY.

THIS DEED, made this the 3rd day of January, 1951, by EMMETT BLANTON and wife, DIXIE BLANTON, of Jackson County, North Carolina, parties of the first part, to A. J. HOYLE and wife, VERA C. HOYLE, of Jackson County, North Carolina, parties of the second part:

WITNESSETH, that said parties of the first part, for and in consideration of the sum of Ten ($10.00) Dollars, and other good and valuable considerations, to them in hand paid by said parties of the second part, reciept of which is hereby acknowledged, have bargained and sold, and by these presents, do hereby give, grant, bargain, sell and convey unto said parties of the second part, their heirs and assigns, all those certain peices, parcels or tracts of land, situate, lying and being in Jackson County, North Carolina, bounded and more particularly described as follows:

FIRST TRACT: BEGINNING at a stake, S. 3 11/32 deg. W. 24 poles from the junction of Ochre Branch and a small branch on the North side of Ham Blanton's house, and a corner of the John Ensley tract, and runs thence N. 3½ deg. E. 24 poles to a ~~tract~~ stake; thence N. 27 deg. W. 37 poles to a stake; thence N. 58 deg. W. 8 poles to a Locust (the beginning corner of the D.A. Norman tract and the beginning point of the divisional line between J.E. Norman and D.A. Norman); thence S. 37 deg. W. 32 poles to a stake; thence S. 54 poles to a Maple in the center of branch; thence S. 64 Deg. W. 23 poles to an Ash in the center of branch; thence S. 54 deg. W. 24 poles to an Ash in the center of the branch;

thence S. 59 deg. W. 30 poles to a Buckeye; thence S. 61 deg. W. 13 poles to a Hickory; thence S.10½ deg. E. 25 poles to a White Oak in H.H.Bryson line; thence S. 82 deg. E. 5 poles to a White Oak; thence s. 62 deg. E. 9½ poles to a Spanish Oak; thence N. 71 deg. E. 5 poles to a stake; thence S. 46½ deg. E. 9.2 poles to a Spanish Oak; thence S. 71 deg. E. 7.6 poles to a stake; thence S. 28½ deg. E. 9.6 poles to a SpanishOak; thence S. 51½ deg. E. 25.6 poles to a Black Oak; thence S. 34 deg. E. 6.2 poles to a stake; thence S. 55 deg. E. 11.6 poles to a Chestnut Oak; thence S. 44 deg. 45' E. 10.6 poles to a stake; thence _____30½ deg. E.19 poles to a stake; thence S. 32 deg. E. 5½ poles to a stake in Ensley's line; thence N. 3½ deg. ~~W~~ E. 127 poles to a Blackgum; thence S. 88½ deg. E. 33.2 ~~poles to a~~ poles to a stake, the BEGINNING CORNER. Containing 61.38 acres, more or less. Being the same land contained and described in a deed of conveyance from D.G. Bryson, et al, to J.E.Norman dated 11 February, 1918, recorded in Book 80 at page 1, Public records of ~~said~~ said County and State.

SECOND TRACT: BEGINNING at a Locust, 8 poles N. ~~%~~' deg. W. from the second corner from the beginning corner in the orginal plot made by T.B.Dillard, and runs thence n. 58 deg. W. 8 poles to a stake; thence N. 38 deg. W. 15 poles to a Sourwood; thence N. 26 Deg. W. 18 poles to a Lynn; thence N. 48 deg. W. 7 poles to a stake; thence N. 9 deg. W. 22 poles to a Dogwood; thence N. 9 deg. E. 10 poles to a stake; thence N. 3 deg. W. 16 poles to a stake in branch; thence S. 87 deg. W. ~~0~~ 24 poles to a Chestnut on knob; thence S. 25 deg. W. 23 poles to a Sourwood; thence S. 50 deg. W. 16 poles to a Chestnut; thence S. 36 deg. W. 16 poles to a Spanish Oak; thence S. 21 deg. W. 22 poles to a dead Chestnut; thence S. 40 Deg. W. 14 poles to a stake; thence S. 17 deg. W. 20 poles to a Spanish Oak; thence S. 12 deg. E. 13 poles to a Chestnut; thence S. 27 deg. E.28 poles to a Laurel bush; thence S. 35 Deg. W. 42 poles to a chestnut: thence S. 10½ deg. E. 4 poles to a Hickory. the point where the divisional line between J.E.Norman and D. A. Norman intersects with the outside line of the original plot; thence reversing the calls of the said divisional line from the Hickory. the point of intersection, N. 61 deg. E. 13 poles to a Buckeye; thence N. 59 deg. E. 30 poles to an Ash in the center of the branch; thence N. 54 deg. E. 24 poles to an Ash in the center of the branch; thence N. 64 deg. E. 23 poles to a Maple in the center of the branch; thence N. 54 deg. E. 24 poles to a stake; thence N. 37 deg. E. 32 poles to a BEGINNING LOCUST. Containing 55 acres, more or less. BEING the same land contained and described in a deed of convevance from D.A. Norman and wife, Etta Norman, to J.E.Norman, dated 25 Frbruary 1946 , recorded in Book 165 at page 145, Public records of said County and State.

THIRD TRACT: BEGINNING at a stake in Ochre Branch and runs in a South direction about 40 feet to a stake in Ochre Branch road; thence down the new road to the old road, and with the old road to George Norman line; thence with ~~the~~ George Norman line in a North direction to a stake in Ochre Branch; thence up said branch to the BEGINNING, including the land lying between Ochre Branc Branch Road and the Old Road and Ochre Branch, Containing 5 acres, more or less. BEING the same tract of land contained and described in a deed of conveyance from Grady A. Norman and and wife, Ruth Norman, to Hester Norman, dated 13 January, 1950, recorded in Book 184 at page 226, Public Records of said County and State.

The above three tracts of land being and comprehending the same lands contained and described in a deed dated 24 February, 1950, from Hester Norman, Widow, et al, to Emmett Blanton and wife, Dixie Blanton, which said deed is recorded in the office of the Register of Deeds for Jackson County, North Carolina, in Book 184, at page 486, to which reference is hereby had.

TO HAVE AND TO HOLD the above described lands and premises, with all privileges and appurtenances thereunto belonging, or in anywise appertaining, unto said parties of the second part, their heirs and assigns, to them and ~~only~~ their only use and behoof in fee simple, forever.

And said parties of the first part, for themselves and their heirs, executors and administrators, convenant to and with said parties of the second part, their heirs and assigns, executors and administrators, that they are seized of said lands and premises in fee, and have a good and lawful right to convey the same in fee simple; that said lands and premises are free and clear of all liens and encumbrances, and that said parties of the first part and their heirs,

executors and administrators, will, have and by these presents, do hereby forever warrant and will forever defend the said title to the same unto said parties of the second part, their heirs and assigns, executors and administrators, against all lawful claims, whatsoever, of all persons, whomever.

IN TESTIMONY WHEREOF, said parties of the first part have hereunto set their hands and seals, on this the day and year first above written.

Emmett Blanton (SEAL)

Dixie Blanton (SEAL)

This is to certify that the above is a true copy of the deed as recorded to A.J.Hoyle and Vera C. Hoyle registered at Jackson County in book 190,page 45.

Earl G Worley N.P.
Sylva, N.C
My Commn expires June 2, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 - 1955

Sylva, N.C.
March 7 1955

Dear Sirs,

The exploration aid requested will apply to the second tract as described in the following legal description of property.

Amos Jack Hoyle
by Alton L. Hoyle

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 = 1955

NORTH CAROLINA,
JACKSON COUNTY.

THIS DEED, made this the 3rd day of January, 1951, by ERNEST SLANTON and wife, DEMIE SLANTON, of Jackson County, North Carolina, parties of the first part, to A. J. HOKLE and wife, VERA C. HOKLE, of Jackson County, North Carolina, parties of the second part:

WITNESSETH, that said parties of the first part, for and in consideration of the sum of Ten ($10.00) Dollars, and other good and valuable considerations, to them in hand paid by said parties of the second part, receipt of which is hereby acknowledged, have bargained and sold, and by these presents, do hereby give, grant, bargain, sell and convey unto said parties of the second part, their heirs and assigns, all those certain pieces, parcels or tracts of land, situate, lying and being in Jackson County, North Carolina, bounded and more particularly described as follows:

FIRST TRACT: BEGINNING at a stake, S. 3½ deg. W. 24 poles from the junction of Cobre Branch and a small branch on the North side of Tom Slanton's house, and a corner of the John Ansley tract, and runs thence N. 3½ deg. E. 24 poles to a sweet stake; thence N. 27 deg. W. 37 poles to a stake; thence N. 53 deg. W. 8 poles to a Locust (the beginning corner of the D.A. Norman tract and the beginning point of the divisional line between J.E. Norman and D.A. Norman); thence S. 37 deg. W. 32 poles to a stake; thence S. 54 poles to a Maple in the center of branch; thence S. 64 deg. W. 23 poles to an Ash in the center of branch; thence S. 54 deg. W. 24 poles to an Ash in the center of the branch;

thence S. 59 deg. W. 30 poles to a Buckeye; thence S. 61 deg. W. 13 poles to a Hickory; thence S.10½ deg. E. 25 poles to a White Oak in H.H.Bryson line; thence S. 82 deg. E. 5 poles to a White Oak; thence s. 62 deg. E. 9½ poles to a Spanish Oak; thence N. 71 deg. E. 5 poles to a stake; thence S. 46½ deg. E. 9.2 poles to a Spanish Oak; thence S. 71 deg. E. 7.6 poles to a stake; thence S. 23½ deg. E. 9.6 poles to a SpanishOak; thence S. 51½ deg. E. 25.6 poles to a Black Oak; thence S. 34 deg. E. 6.2 poles to a stake; thence S. 55 deg. E. 11.6 poles to a Chestnut Oak; thence S. 44 deg. 45' E. 10.6 poles to a stake; thence _____30½ deg. E.19 poles to a stake; thence S. 32 deg. E. 5½ poles to a stake in Anoley's line; thence N. 3½ deg. E. 127 poles to a Blackgum; thence S. 88½ deg. E. 33.2 poles to a stake, the BEGINNING CORNER. Containing 51.38 acres, more or less. Being the same land contained and described in a deed of conveyance from D.G. Bryson, et al, to J.E.Norman dated 11 February, 1918, recorded in Book 80 at page 1, Public records of said County and State.

SECOND TRACT: BEGINNING at a Locust, 8 poles N. 5' deg. W. from the second corner from the beginning corner in the orginal plot made by T.B.Billard, and runs thence n. 58 deg. W. 8 poles to a stake; thence N. 38 deg. W. 15 poles to a Sourwood; thence N. 26 Deg. W. 18 poles to a Lynn; thence N. 48 deg. W. 7 poles to a stake; thence N. 9 deg. W. 22 poles to a Logwood; thence N. 9 deg. E. 10 poles to a stake; thence N. 3 deg. W. 16 poles to a stake in branch; thence S. 87 deg. W. 24 poles to a Chestnut on knob; thence S. 25 deg. W. 23 poles to a Sourwood; thence S. 50 deg. W. 16 poles to a Chestnut; thence S. 36 deg. W. 16 poles to a Spanish Oak; thence S. 21 deg. W. 22 poles to a dead Chestnut; thence S. 40 Deg. W. 14 poles to a stake; thence S. 17 deg. W. 20 poles to a Spanish Oak; thence S. 12 deg. E. 13 poles to a Chestnut; thence S. 27 deg. E.28 poles to a Laurel bush; thence S. 35 Deg. W. 42 poles to a chestnut: thence S. 10½ deg. E. 4 poles to a Hickory. the point where the divisional line between J.E.Norman and D. A. Norman intersects with the outside line of the original plot; thence reversing the calls of the said divisional line from the Hickory. the point of intersection, N. 61 deg. E. 13 poles to a Buckeye; thence N. 59 deg. E. 30 poles to an Ash in the center of the branch; thence N. 54 deg. E. 24 poles to an Ash in the center of the branch; thence N. 64 deg. E. 23 poles to a Maple in the center of the branch; thence N. 54 deg. E. 24 poles to a stake; thence N. 37 deg. E. 32 poles to a BEGINNING LOCUST. Containing 55 acres, more or less. BEING the same land contained and described in a deed of convevance from D.A. Norman and wife, Etta Norman, to J.E.Norman, dated 25 February 1946 , recorded in Book 165 at page 145, Public records of said County and State.

THIRD TRACT: BEGINNING at a stake in Ochre Branch and runs in a South direction about 40 feet to a stake in Ochre Branch road; thence down the new road to the old road, and with the old road to George Norman line; thence with George Norman line in a North direction to a stake in Ochre Branch; thence up said branch to the BEGINNING, including the land lying between Ochre Branch Branch Road and the Old Road and Ochre Branch, Containing 5 acres, more or less. BRING the same tract of land contained and described in a deed of conveyance from Grady A. Norman and and wife, Ruth Norman, to Hester Norman, dated 13 January, 1950, recorded in Book 184 at page 225, Public Records of said County and State.

The above three tracts of land being and comprehending the same lands contained and described in a deed dated 24 February, 1950, from Hester Norman, Widow, et al, to Emmett Blanton and wife, Dixie Blanton, which said deed is recorded in the office of the Register of Deeds for Jackson County, North Carolina, in Book 184, at page 436, to which reference is hereby had.

TO HAVE AND TO HOLD the above described lands and premises, with all privileges and appurtenances thereunto belonging, or in anywise appertaining, unto said parties of the second part, their heirs and assigns, to them and their only use and behoof in fee simple, forever.

And said parties of the first part, for themselves and their heirs, executors and administrators, convenant to and with said parties of the second part, their heirs and assigns, executors and administrators, that they are seized of said lands and premises in fee, and have a good and lawful right to convey the same in fee simple; that said lands and premises are free and clear of all liens and encumbrances, and that said parties of the first part and their heirs,

executors and administrators, will, have and by these presents, do hereby forever warrant and will forever defend the said title ~~and~~ to the same unto said parties of the second part, their heirs and assigns, executors and administrators, against all lawful claims, whatsoever, of all persons, whomever.

IN TESTIMONY WHEREOF, said parties of the first part have hereunto set their hands and seals, on this the day and year first above written.

Emmett Blanton (SEAL)

Dixie Blanton (SEAL)

This is to certify that the above is a true copy of the deed as recorded to A.J.Hoyle and Vera C. Hoyle registered at Jackson County in book 100, page 45.

Earl H. Hartson N.P.
My Commission expires June 2, 1956

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 - 1955

Sylva, N.C.
March 7 1955

Dear Sir,

The exploration aid requested will apply to the second tract as described in the following legal description of property.

Amos Jack Hoyle
by Alton L. Hoyle

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 - 1955

NORTH CAROLINA,
JACKSON COUNTY.

THIS DEED, made this the 3rd day of January, 1951, by EMMETT BLANTON and wife, DIXIE BLANTON , of Jackson County, North Carolina, parties of the first part, to A. J. HOYLE and wife, VERA C. HOYLE, of Jackson County, North Carolina, parties of the second part:

WITNESSETH, that said parties of the first part, for and in consideration of the sum of Ten ($10.00) Dollars, and other good and valuable considerations, to them in hand paid by said parties of the second part, reciept of which is hereby acknowledged, have bargained and sold, and by these presents, do hereby give, grant, bargain, sell and convey unto said parties of the second part, their heirs and assigns, all those certain peices, parcels or tracts of land, situate, lying and being in Jackson County, North Carolina, bounded and more particularly described as follows:

FIRST TRACT: BEGINNING at a stake, S. 3½ deg. W. 24 poles from the junction of Ochre Branch and a small branch on the North side of Ham Blanton's house, and a corner of the John Ensley tract, and runs thence N. 3½ deg. E. 24 poles to a ~~stake~~ stake; thence N. 27 deg. W. 37 poles to a stake; thence N. 58 deg. W. 8 poles to a Locust (the beginning corner of the D.A. Norman tract and the beginning point of the divisional line between J.E. Norman and D.A. Norman); thence S. 37 deg. W. 32 poles to a stake; thence S. 54 poles to a Maple in the center of branch; thence S. 64 Deg. W. 23 poles to an Ash in the center of branch; thence S. 54 deg. W. 24 poles to an Ash in the center of the branch;

thence S. 59 deg. W. 30 poles to a Buckeye; thence S. 61 deg. W. 13 poles to a Hickory; thence S.10½ deg. E. 25 poles to a White Oak in H.H.Bryson line; thence S. 82 deg. E. 5 poles to a White Oak; thence s. 62 deg. E. 9½ poles to a Spanish Oak; thence N. 71 deg. E. 5 poles to a stake; thence S. 46½ deg. E. 9.2 poles to a Spanish Oak; thence S. 71 deg. E. 7.6 poles to a stake; thence S. 28½ deg. E. 9.6 poles to a SpanishOak; thence S. 51½ deg. E. 25.6 poles to a Black Oak; thence S. 34 deg. E. 6.2 poles to a stake; thence S. 55 deg. E. 11.6 poles to a Chestnut Oak; thence S. 44 deg. 45' E. 10.6 poles to a stake; thence _____30½ deg. E.19 poles to a stake; thence S. 32 deg. E. 5½ poles to a stake in Ensley's line; thence N. 3½ deg. E. 127 poles to a Blackgum; thence S. 88½ deg. E. 33.2 poles to a stake, the BEGINNING CORNER. Containing 61.38 acres, more or less. Being the same land contained and described in a deed of conveyance from D.G. Bryson, et al, to J.E.Norman dated 11 February, 1918, recorded in Book 80 at page 1, Public records of said County and State.

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THIRD TRACT: BEGINNING at a stake in Ochre Branch and runs in a South direction about 40 feet to a stake in Ochre Branch road; thence down the new road to the old road, and with the old road to George Norman line; thence with ~~the~~ George Norman line in a North direction to a stake in Ochre Branch; thence up said branch to the BEGINNING, including the land lying between Ochre Branc Branch Road and the Old Road and Ochre Branch, Containing 5 acres, more or less. BEING the same tract of land contained and described in a deed of conveyance from Grady A. Norman and and wife, Ruth Norman, to Hester Norman, dated 13 January, 1950, recorded in Book 184 at page 226, Public Records of said County and State.

The above three tracts of land being and comprehending the same lands contained and described in a deed dated 24 February, 1950, from Hester Norman, Widow, et al, to Emmett Blanton and wife, Dixie Blanton, which said deed is recorded in the office of the Register of Deeds for Jackson County, North Carolina, in Book 184, at page 486, to which reference is hereby had.

TO HAVE AND TO HOLD the above described lands and premises. with all privileges and appurtenances thereunto belonging, or in anywise appertaining, unto said parties of the second part, their heirs and assigns, to them and ~~their~~ their only use and behoof in fee simple, forever.

And said parties of the first part, for themselves and their heirs, executors and administrators, convenant to and with said parties of the second part. their heirs and assigns, executors and administrators, that they are seized of said lands and premises in fee, and have a good and lawful right to convey the same in fee simple; that said lands and premises are free and clear of all ~~&~~ liens and encumbrances, and that said parties of the first part and their heirs,

executors and administrators, will, have and by these presents, do hereby forever warrant and will forever defend the said title to the same unto said parties of the second part, their heirs and assigns, executors and administrators, against all lawful claims, whatsoever, of all persons, whomever.

IN TESTIMONY WHEREOF, said parties of the first part have hereunto set their hands and seals, on this the day and year first above written.

Emmett Blanton (SEAL)

Dixie Blanton (SEAL)

This is to certify that the above is a true copy of the deed as recorded to A.J.Hoyle and Vera C. Hoyle registered at Jackson County in book 190,page 45.

Earl B. Norton N.P.
Sylva, N.C.
My Comm. expires June 2, 1956

March 8, 1955
Subject: DMEA 3714
Re: Exploration Assistance

Mr. Amos Jack Hoyle
Route 1
Sylva, N. C.

Dear Mr. Hoyle:

The receipt of your application dated March 2, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 3714 and referred to the Nonmetallic Minerals 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

60932

March 8, 1955

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 - 3714 Amos Jack Hoyle

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

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

MAR 8 - 1955

March 3, 1955

Memorandum

To: Operating Committee, DMEA, Washington, D. C.

From: Acting Executive Officer, DMEA Field Team, Region V

Subject: Application - Amos Jack Hoyle (mica), Sylva, North Carolina

Transmitted are three copies of the subject application. We have retained one for our files. The applicant has been requested to furnish a legal description of the land to be explored.

V. J. Lynch

V. J. Lynch

Enclosures 3

ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 8 - 1955

March 3, 1955

Memorandum

To: Operating Committee, DMEA, Washington, D. C.

From: Acting Executive Officer, DMEA Field Team, Region V

Subject: Application - Amos Jack Hoyle (mica), Sylva, North Carolina

Transmitted are three copies of the subject application. We have retained one for our files. The applicant has been requested to furnish a legal description of the land to be explored.

W. J. Lynch

WJL/mg
Enclosures 3
cc - Allsman
Lynch
Files
DMEA - Division File (Washington)

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
MAR 8 - 1955

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. 3714
Metal or Mineral Mica
Date Received 3-8-55
Estimated Cost $4,645
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: Amos Jack Hoyle
R.F.D. #1
Sylva North Carolina

(*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. Individual

(*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 Land consist of three tracts on which I have mineral rights consisting of 166 acres more or less. Title is clear.

(*b*) State any mine name by which the property is known. None

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

(*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.

(*e*) If you own the land, describe any liens or encumbrances on it None

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. None

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. See attached sheet #1

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. None

(*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. See attached sheet #1A

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See attached sheet #1

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. See attached sheet #1

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16—66551-1
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

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. will proceed as directed by field team of DMEA.

(*c*) The work will start within 30 days and be completed within 12 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. See attached sheet #1

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.). None

(*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. See attached sheet #1

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. See attached sheet #1

(*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. See attached sheet #1

(*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. None

(*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. see att. sheet

(*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. see attached sheet #1

(*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?

☐ Money ☒ Use of equipment owned by you ☒ Other

Explain in detail on acompanying paper. see attached sheet #1

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 March 2, 1955

Amos Jack Hayle
(Applicant)

By Alton L. Hayle

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

Physical Description #1

4. (a) Only surface prospecting and 14 ft tunnel
(c) See sheet 1A
(D) Roads to both prospects.
(E) manpower, materials, power and water available

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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5. (d) Operator has five years experience in mica mines.

6. Estimate of cost for 100 ft exploration tunnel.

(b) Labor - $3,000.00 at 1.25 per hour for 3 men.

(c) wheel barrows 60.00
Picks 6.00
Shovels 8.00
2 Hammers 16.00
Fuel 160.00
Mine timber 200.00

(d) Air compressor and air hammer 800.00
1 Drill Steel 100.00
(f) One 20x20 Storage building 200.00
(G) Insurance 85.00
Total — 4,645.00

7. (b) I propose to furnish power, water, all hand tools and wheel barrows and equipment except air compressor and air hammer. Also furnish all mine timber and labor for procurement of same.

signed —
Amos Jack Hayle

Physical Description. Page 1A

4. (c) One prospect is a vein of white flint rock between walls of grey granite. with the flint showing mica. This appears to be an upright vein.

One prospect is a blanket vein between walls of dark brown sandstone. The vein shows white clay, flint rock and grey to white sandstone and mica. Samples from this vein were sent to the Government Depot at Spruce Pine and the answer is enclosed.

signed.

Amos Jack Hoyle