DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2940

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION ASSISTANCE

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

CYS TO USGS, USBM AND REGION VII

To:	Code 600 Rm 4637	Date	3/23/53
To:	Feitler	Date	3/23/53
To:	Oper Com	Date	4-13-53
To:	Oper Com	Date	5-22-53
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

DMFA-2940
Mica
Region VII

A. W. REID, FRANKLIN, NORTH CAROLINA. Buoy Mine No. 2, Millshoal Township, Macon County, North Carolina. 4-17-53 #202

Letter to the Field denying the application.

DMFA-2940
Mica
Region VII

A. W. REID, FRANKLIN, NORTH CAROLINA. Buoy No. 2 Mine, Millshoal Township, Macon County, North Carolina. 5-22-53 No. 219

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

DMFA-2940
Mica
Region VII

A. W. REID, FRANKLIN, NORTH CAROLINA. Buoy No. 2 Mine, Millshoal Township, Macon County, North Carolina. 5-22-53 No. 219

Letter to the Field acknowledging receipt of the field report, and requesting that a representative color sample of the mica be obtained from the mine, half of which is to be analyzed for quality by Mr. Flynt and the rest to be sent to the Washington office.

Field Referrals - Applications

No. 202 4-13-53

DMFA-2940
Mica
Region VII

A. W. REID, FRANKLIN, NORTH CAROLINA. Buoy Mine, Millshoal Township, Macon County, North Carolina.

Letter to the Field requesting an examination and report, and enclosing copies of memoranda from the Bureau of Mines and the Geological Survey. Letter to the applicant.

AUG 1 8 1953 600

Mr. A. W. Reid
Box 489
Franklin, North Carolina

Re: Docket No. DMEA-2940 - Mica
Buey Mine
Macon County, North Carolina

Dear Mr. Reid:

Defense Minerals Exploration Administration has completed a study of your application for aid for an exploration project and other data relating to your proposal.

The proposed work of rehabilitating the Hoyt Adit will make this property ready for production, at least for a certain period. The rehabilitation essentially is work that would be prosecuted primarily for mining or preparation for mining. Work of this nature is not permissible under DMEA Order-1, Regulations Governing Government Aid in Exploration Projects.

Under the circumstances, we regret to inform you that your application is denied.

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

Sincerely yours,

C. O. Mittendorf

Administrator

JHopkins:gad 8/17/53

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

August 14, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Closing Review of Docket No. DMEA-2940 - Mica
Andrew W. Reid
Buoy Mine
Macon County, North Carolina

Closing letter: Denial of application attached.

Resume: Application, submitted March 20, 1953, proposes to rehabilitate the Hoyt Adit for a distance of 400 feet, sink a winze from the adit level on a pegmatite to a depth of 50 feet. Drive 2 - 50' drifts on the pegmatite from the bottom of the winze.

Application denied because strategic mica is exposed in faces of Hoyt Adit and mining can be continued from these faces. DMEA does not provide funds to gain access to known mica reserves.

Docket Summary:

3/25/53 Memo from USGS recommending referral to the Field Team.
4/3/53 Memo from USBM recommending investigation by the Field Team.
4/6/53 Letter to applicant requesting detailed breakdown of costs and a copy of metes and bounds description of the property.
4/8/53 "Supplement to Application" received from applicant showing estimated actual costs of project to be $12,740.80.
4/10/53 Application referred to Region VII.
5/12/53 Field Team agrees with recommendations set forth in report by Kefton H. Teague, Geologist, USGS, and Lawrence E. Shirley, Mining Engineer, USBM. Examiners recommended the following work:

10'X12' tool house	$200.00
Rehabilitate and install track in 230 feet of Adit @ $10.00/ft.	2,300.00
55 foot 5'X7' winze @ $45.00/ft.	2,475.00
74 feet of drifts @ $35.00/ft.	2,625.00
Total Estimated Cost	$7,600.00

Estimated time required - 125 shifts

5/22/53 Memo from USGS suggests following field team's recommendation.

6/1/53	Memo from U. S. B. M. concurs in field team's recommendation
6/11/53	Letter from Spruce Pine Mica Depot advising that sample of mica from Buoy mine in Macon County Georgia is ruby mica and with proper preparation will be acceptable for Government's stockpiling program.
8/4/53	Metes and Bounds description of Buoy Mine property received from applicant.
8/10/53	Denial letter prepared.

SIGNED

James Hopkins
Nonmetallic Minerals Division

JHopkins:dec 8/13/53
Copy to: Admr. R. File
Docket File
Mr. Houk

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

June 1, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2940, Mica, Buoy Mine No. 2,
Macon County, North Carolina

I concur in the field team's recommendation for an exploration program in the amount of $7,600.

W. F. Dietrich

600 MAY 2 6 1953

Mr. Robert W. Lawrence
Executive Officer, [illegible]
Field Team, Region VII
Room 13, Post Office Building
Knoxville 2, Tennessee

Subject: Market No. [illegible] - Uranium
[illegible] Gold
May No. 2 Mine
[illegible] County, North Carolina

Dear Mr. Lawrence:

Receipt of the April [illegible] Inspection Report on this mine with a few minor recommendations is acknowledged.

When and if you can be sent to the area, please [illegible] select a representative miner or couple of the men from this mine. Half of the people should be contacted by Mr. Hunt, and the rest should be sent to his office.

Sincerely yours,

W. S. Martin

ACTING Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

WSMeitler:fla 5/21/53

Copy to: Adm. [illegible] File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-252, GSA Bldg.
Mr. [illegible]

IN REPLY REFER TO:
G-MD-CNM

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

May 22, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2940 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: Andrew W. Reid, Franklin, North Carolina.
Name of property: Buoy #2 mine.
Location of property: Franklin, Macon County, North Carolina.
Date of field team report: May 12, 1953.
Authorship of field team report: Teague and Shirley.
Field team's recommendation:
230' adit
55' x 5½x7' winze
75' of drifts
Comments: None.
ACTION SUGGESTED: Follow field team's recommendation.

D. M. Larrabee

Larrabee:jeh
G-5/22/53
cc:
Director's reading 4212
Branch " "
DMEA (3) ✓
Larrabee G-230

5 C

APR 14 1953

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

Subject: Docket No. [illegible]-2940 - Mica
A. [illegible] Reid
Duty Mine
[illegible]son County, North Carolina

Dear Mr. Laurence:

Please arrange for a field examination of the subject mine.

Enclosed are copies of memoranda from the Geological Survey and the Bureau of Mines, and a "Supplement to Application" submitted by Mr. Reid.

Sincerely yours,

[illegible]

Chairman, Operating Committee

Approved:

[illegible]
Member, Bureau of Mines

[illegible]
Member, Geological Survey

Enclosures 5

SAFeitler:gad 4/10/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

APR 1 4 1955

Mr. [illegible]
Box 489
Franklin, North Carolina

Re: Docket [illegible] - [illegible] - Vice
Hwy. [illegible]
Macon County, North Carolina

Dear Mr. [illegible]:

Your application for assistance in exploring the [illegible] referred to Mr. [illegible] Field Team, Region VII, [illegible] Tennessee. [illegible]

[illegible] in regard to the location of your property [illegible] that you may give the member of the field team [illegible] examination will be arranged.

Four copies of the "Supplement to Application" were received in this office from Mr. Frames on April [illegible], 1955. This did not, however, include the information about the land requested in the final paragraph of our letter dated April [illegible], 1955.

Sincerely yours,

C. O. Mittendorf

Administrator

D.Feitler:gad 4/10/55

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

600

APR 7 1953

Mr. A. . Reid
Box 489
Franklin, North Carolina

Re: Docket No. DMEA-2940 - Mica
Buey No. 2 Mine
Macon County, North Carolina

Dear Mr. Reid:

Reference is made to the subject application for exploration assistance and the omission of cost data and the legal description of the property.

Please note Article 6 of MP-103, a blank copy of which is enclosed. It is a requisite part of your application to include a detailed cost estimate for the required work. Kindly supply answers to Article 6 (a) to (f) inclusive, giving a detailed cost breakdown under each of the subheadings.

A copy of the metes and bounds description of the property together with any map, plat or sketch available should also be submitted. Your application will be processed when the requested information is received.

Sincerely yours,

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Enclosure

SAFeitler:gad 4/6/53

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

FILE COPY
SURNAME:

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

600

AUG 18 1953

Hopkins
Houk
Defrees
Larrabee
Hedges
Martin
Selfridge

Mr. A. W. Reid
Box 489
Franklin, North Carolina

Re: Docket No. DMEA-2940 - Mica
Buoy Mine
Macon County, North Carolina

Dear Mr. Reid:

Defense Minerals Exploration Administration has completed a study of your application for aid for an exploration project and other data relating to your proposal.

The proposed work of rehabilitating the Hoyt Adit will make this property ready for production, at least for a certain period. The rehabilitation essentially is work that would be prosecuted primarily for mining or preparation for mining. Work of this nature is not permissible under DMEA Order-1, Regulations Governing Government Aid in Exploration Projects.

Under the circumstances, we regret to inform you that your application is denied.

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

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

JHopkins:gad 8/17/53

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

HHR 8-18-53

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

August 14, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Closing Review of Docket No. DMEA-2940 - Mica
Andrew W. Reid
Buoy Mine
Macon County, North Carolina

Closing letter: Denial of application attached.

Resume: Application, submitted March 20, 1953, proposes to rehabilitate the Hoyt Adit for a distance of 400 feet, sink a winze from the adit level on a pegmatite to a depth of 50 feet. Drive 2 - 50' drifts on the pegmatite from the bottom of the winze.

Application denied because strategic mica is exposed in faces of Hoyt Adit and mining can be continued from these faces. DMEA does not provide funds to gain access to known mica reserves.

Docket Summary:

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4/3/53 Memo from USBM recommending investigation by the Field Team.

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4/8/53 "Supplement to Application" received from applicant showing estimated actual costs of project to be $12,740.80.

4/10/53 Application referred to Region VII.

5/12/53 Field Team agrees with recommendations set forth in report by Kefton H. Teague, Geologist, USGS, and Lawrence E. Shirley, Mining Engineer, USBM. Examiners recommended the following work:

10'X12' tool house	$200.00
Rehabilitate and install track in 230 feet of Adit @ $10.00/ft.	2,300.00
55 foot 5'X7' winze @ $45.00/ft.	2,475.00
74 feet of drifts @ $35.00/ft.	2,625.00
Total Estimated Cost	$7,600.00

Estimated time required - 125 shifts

5/22/53 Memo from USGS suggests following field team's recommendation.

6/1/53	Memo from U. S. B. M. concurs in field team's recommendation
6/11/53	Letter from Spruce Pine Mica Depot advising that sample of mica from Buoy mine in Macon County Georgia is ruby mica and with proper preparation will be acceptable for Government's stockpiling program.
8/4/53	Metes and Bounds description of Buoy Mine property received from applicant.
8/10/53	Denial letter prepared.

James Hopkins
Nonmetallic Minerals Division

FILE COPY
SURNAME:

Hopkins
Martin
Jarratt

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

August 14, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Closing Review of Docket No. DMEA-2940 - Mica
Andrew W. Reid
Buoy Mine
Macon County, North Carolina

Closing letter: Denial of application attached.

Resume: Application, submitted March 20, 1953, proposes to rehabilitate the Hoyt Adit for a distance of 400 feet, sink a winze from the adit level on a pegmatite to a depth of 50 feet. Drive 2 - 50' drifts on the pegmatite from the bottom of the winze.

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55 foot 5'X7' winze @ $45.00/ft.	2,475.00
74 feet of drifts @ $35.00/ft.	2,625.00
Total Estimated Cost	$7,600.00

Estimated time required - 125 shifts

5/22/53 Memo from USGS suggests following field team's recommendation.

6/1/53 Memo from U. S. B. M. concurs in field team's recommendation

6/11/53 Letter from Spruce Pine Mica Depot advising that sample of mica from Buoy mine in Macon County Georgia is ruby mica and with proper preparation will be acceptable for Government's stockpiling program.

8/4/53 Metes and Bounds description of Buoy Mine property received from applicant.

8/10/53 Denial letter prepared.

SIGNED

James Hopkins
Nonmetallic Minerals Division

JHopkins:dec 8/13/53
Copy to: Admr. R. File
Docket File
Mr. Houk

HHR 8-18-53

Defense Minerals Administration
RECEIVED
AUG - 4 1953

#2940

Bowie

MEETS AND BOUNDS: DESCRIPTION OF THE BOWIE MINE PROPERTY

BK

FIRST TRACT: All the minerals, mining rights and privileges in the following described tract: BEGINNING at a black jack on top of a ridge known as Rogers and Cook corner; runs North 33 degrees West 83 poles to a rock on the side of road leading from Curtis Sanders to Lyle Mill crossing creek at 82 poles; then North 45 degrees East 30 poles to a stake; then East with Clegett line 22 poles to a stake; then South 9 degrees East 90 poles to a stake in Clegett line; then with Clegett line to the BEGINNING, containgin 17 acres, more or less.

SECOND TRACT: BEGINNING at a black jack on top of a ridge, a corner in the South boundary of a so called 40 acre tract of land described in the deed from J. W. Sheffield and others to M. Buchanan and others, dated September 6, 1901, and recorded in Book KK at Page 321; thence with a part of one line of same South 62 degrees West 22 poles to a stake, the Southeast corner of a parcel of land described in the deed from M. Buchanan and others to M. G. Kinsland, dated August 15, 1903, and recorded in Book B-3 at Page 3; thence with one line of same (reversed) N orth 9 degrees West 52 poles to a point in the old Lyle Mill Road; thence with same as it meanders in a Northeasterly direction 43 poles to a point in a line created in the deed from B. C. Grindstaff and M. Buchanan to George W. Reid; thence with same South 15 degrees East 33 poles to a point in the South boundary of said 40 acre tract; thence with same South 28 degrees West 32 poles to the BEGINNING, containing 11.5 acres, more or less.

THIRD TRACT: All the minerals, mining rights and privileges in the following described tract: BEGINNING at an ironwood at a small branch, the Southeast corner of a so called 40 acre tract of land described in the deed from J. W. Sheffield, et al, to M. Buchanan, et al, dated September 6, 1901, and registered in Book KK at Page 321; thence with five lines of same South 81 degrees West 32 poles to a Spanish Oak; North 82 degrees West 11 poles to a stake on top of a ridge; thence South 64 degrees West 15 poles to a small hickory on top of a ridge; thence South 85 degrees West 20 poles to a post oak on top of a ridge; thence South 28 degrees West 7 poles to the South east corner of the above described tract No. 2; thence with the East boundary of same North 15 degrees West 33 poles to a point in the old Lyle Mill Road; thence in an Easterly direction with the said Old Lyle Mill Road as it meanders 76 poles to a point at intersection of the said Lyle Mill Road and the Sanders' Town Road, a point in the East boundary of the aforesaid 40 acre tract; thence with two lines of said 40 acre tract South 51 degrees East 13 poles to a stake; thence South 15 degrees West 6 poles to the BEGINNING, containing 9 acres, more or less.

[illegible]
[illegible]
AUG [illegible] 1953

METES AND BOUNDS; DESCRIPTION OF THE DOWIE MINE PROPERTY - [illegible]

FIRST TRACT; All the minerals, mining rights and privileges in the following described tract; BEGINNING at a black jack on top of a ridge known as Rogers and [illegible] corner; runs North 33 degrees West 85 poles to a rock on the side of road leading from Curtis Sanders to Lyle Mill crossing creek at 82 poles; then North 45 degrees East 20 poles to a stake; then East with Clagett line 22 poles to a stake; then South 9 degrees East 80 poles to a stake in Clagett line; then with Clagett line to the BEGINNING, containgin 17 acres, more or less.

SECOND TRACT; BEGINNING at a black jack on top of a ridge, a corner in the South boundary of a so called 40 acre tract of land described in the deed from J. W. Sheffield and others to M. Buchanan and others, dated September 6, 1901, and recorded in Book XX at Page 321; thence with a part of one line of same South 62 degrees West 22 poles to a stake, the Southeast corner of a parcel of land described in the deed from M. Buchanan and others to M. G. Kinchland, dated August 15, 1903, and recorded in Book B-3 at Page 3; thence with one line of same (reversed) North 9 degrees West 52 poles to a point in the old Lyle Mill Road; thence with same as it meanders in a Northeasterly direction 43 poles to a point in a line erected in the deed from B. G. Grindstaff and M. Buchanan to George W. Reid; thence with same South 15 degrees East 32 poles to a point in the South boundary of said 40 acre tract; thence with same South 22 degrees West 32 poles to the BEGINNING, containing 11.5 acres, more or less.

THIRD TRACT; All the minerals, mining rights and privileges in the following described tract; BEGINNING at an ironwood at a small branch, the Southeast corner of a so called 40 acre tract of land described in the deed from J. W. Sheffield, et al, to M. Buchanan, et al, dated September 6, 1901, and registered in Book XX at Page 321; thence with five lines of same South 61 degrees West 32 poles to a Spanish Oak; North 82 degrees West 11 poles to a stake on top of a ridge; thence South 64 degrees West 15 poles to a small hickory on top of a ridge; thence South 65 degrees West 20 poles to a post oak on top of a ridge; thence South 22 degrees West 7 poles to the South east corner of the above described tract No. 2; thence with the East boundary of same North 15 degrees West 33 poles to a point in the old Lyle Mill Road; thence in an Easterly direction with the said Old Lyle Mill Road as it meanders 76 poles to a point at intersection of the said Lyle Mill Road and the Sanders' Farm road, a point in the East boundary of the aforesaid 40 acre tract; thence with the lines of said 40 acre tract South 32 degrees East 19 poles to a stake; thence South 15 degrees West 6 poles to the BEGINNING, containing 9 acres, more or less.

AUG - 1 1953

METES AND BOUNDS: DESCRIPTION OF THE BONIE RIVE PROPERTY

FIRST TRACT: All the minerals, mining rights and privileges in the following described tract: [redacted] at a black jack on top of a ridge known as Rogers and [redacted]; run North 33 degrees West 63 poles to a rock on the side of road leading from Cumie Sanders to Lyle Mill crossing creek at 52 poles; then North 45 degrees East 10 poles to a stake; then East with Gingert line 22 poles to a stake; then South 9 degrees East 39 poles to a stake in Gingert line; then with Gingert line to the [redacted], containing 17 acres, more or less.

SECOND TRACT: [redacted] at a black jack on top of a ridge, a corner in the South boundary of a 46 acre tract of land described in the deed from J. W. Shortridge and others to H. Buchanan and others, dated September 6, 1901, and recorded in Book 17 on Page 322; thence with a part of one line of same South 62 degrees West 18 poles to a stake, the Southeast corner of a parcel of land described in the deed from H. Buchanan and others to M. G. Kimbrough, dated August 13, 1910, and recorded in Book 4-3 at Page 3; thence with one line of same (reversed) N orth 9 degrees West 58 poles to a point in the old Lyle Mill Road; thence with same as it meanders in a Northeasterly direction 4 poles to a point in a line surveyed in the deed from B. G. Kimbrough and H. Buchanan to George W. Bell; thence with same South 15 degrees East 13 poles to a point in the South boundary of said 40 acre tract; thence with same South 28 degrees West 32 poles to the [redacted], containing 11.5 acres, more or less.

THIRD TRACT: All the minerals, mining rights and privileges in the following described tract: [redacted] at an iron rod 2 1 small beech, the Southeast corner of a 2.5 acre tract of land described in the deed from J. W. Shortridge, et al, to H. Buchanan, et al, dated September 6, 1901, and recorded in Book 17 on Page 322; thence with five lines of same South 62 degrees West 18 poles to a spanish oak; North 45 degrees West 11 poles to a stake on top of a ridge; thence South 62 degrees West 15 poles to a small hickory on top of a ridge; thence North 27 degrees West 28 poles to a post oak on top of a ridge; thence South 38 degrees West 7 poles to the South east corner of the above described tract No. 1; thence with the East boundary of same North 15 degrees West 12 poles to a point in the old Lyle Mill road; thence in a Northerly direction, with the said old Lyle Mill Road as it meanders 78 poles to a point in intersection of the said Lyle Mill Road and the Bonnie Rive road, a point in the East boundary of the aforesaid 40 acre tract; thence with two lines of said 40 acre tract North 31 degrees East 13 poles to a stake; thence South 35 degrees East 9 poles to the [redacted], containing 9 acres, more or less.

MEETS AND BOUNDS; DESCRIPTION OF THE [redacted] PROPERTIES.

FLS

FIRST TRACT: All the minerals, mining rights and privileges in the following described tract; [redacted] at a black jack on top of a ridge known as Rogers and [redacted] runs South 33 degrees West 83 poles to a rock on the side of road leading from Curtis Sanders to Lyle Mill crossing creek at 82 poles; then North 45 degrees East 30 poles to a stake; then East with Clegget line 22 poles to a stake; then South 9 degrees East 28 poles to a stake in Clegget line; then with Clegget line to the [redacted], containing 27 acres, more or less.

SECOND TRACT: [redacted] at a black jack on top of a ridge, a corner in the South [redacted] of a so called 40 acre tract of land described in the deed from J. W. Sheffield and others to M. Buchanan and others, dated September 4, 1908, and recorded in Book XX at Page 388; thence with a part of one line of same South 62 degrees West 22 poles to a stake, the Southeast corner of a parcel of land described in the deed from M. Buchanan and others to M. G. Kimbrel, dated August 15, 1908, and recorded in Book B-3 at Page 3; thence with one line of same (reversed) N orth 9 degrees West 52 poles to a point in the old Lyle Mill Road; thence with same as it meanders in a Northeasterly direction 43 poles to a point in a line created in the deed from B. C. Grimlsteff and M. Buchanan to George W. Mild; thence with same South 15 degrees East 33 poles to a point in the South boundary of said 40 acre tract; thence with same South 88 degrees West 32 poles to the [redacted], containing 11.5 acres, more or less.

THIRD TRACT: All the minerals, mining rights and privileges in the following described tract: [redacted] at an iron rod at a small branch, the Southeast corner of a so called 40 acre tract of land described in the deed from J. W. Sheffield, et al, to M. Buchanan, et al, dated September 4, 1908, and recorded in Book XX at Page 388; thence with five lines of same South 81 degrees West 32 poles to a Spanish Oak; North 88 degrees West 11 poles to a stake on top of a ridge; thence South 64 degrees West 15 poles to a small hickory on top of a ridge; thence South 85 degrees West 28 poles to a post oak on top of a ridge; thence South 26 degrees West 7 poles to the South east corner of the above described tract No. 2; thence with the East boundary of same North 15 degrees West 33 poles to a point in the old Lyle Mill Road; thence in an Easterly direction with the said Old Lyle Mill Road as it meanders 76 poles to a point at intersection of the said Lyle Mill Road and the Sanders' Farm Road, a point in the East boundary of the aforesaid 40 acre tract; thence with the lines of said 40 acre tract South 21 degrees East 13 poles to a stake; thence South 15 degrees East 6 poles to the [redacted], containing 9 acres, more or less.

3/30/53

2940 - Andrew Reid - Bury #2 - Niles

Judge Tramuel in office inquiring about completeness of the application. He was informed that cost estimates are needed and should be supplied.

SF

Mr. Feitler

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

June 1, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2940, Mica, Buoy Mine No. 2,
Macon County, North Carolina

I concur in the field team's recommendation for an exploration program in the amount of $7,600.

W. F. Dietrich

W. F. Dietrich

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 11 1953
10

June 8, 1953

Memorandum

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

From: Executive Officer, DMEA Field Team, Region VII

Subject: Buoy No. 2 Mine, Macon County, North Carolina (mica)
DMEA-2940, Andrew W. Reid

In compliance with your recent request, a sample of mica from the Buoy No. 2 Mine in Macon County is enclosed. A similar sample has been forwarded to the GSA Depot in Spruce Pine, North Carolina. The request was for a representative sample of mica. The enclosed sample is the best that we could do. However, we do not feel that it is at all representative as the mine is inaccessible and the old dumps have been re-worked several times.

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

Enclosure

GENERAL SERVICES ADMINISTRATION

Spruce Pine, North Carolina

June 11, 1953

DMEA 2940 Mica

Letter

Mr. Kefton H. Teague, Geologist Reg. 7
Defense Minerals Exploration Administration
Room 13, Post Office Building
Knoxville 2, Tennessee

Dear Mr. Teague:

Replying to your letter of June 8 regarding samples of mica from the Buoy No. 2 Mine in Macon County, we are pleased to advise that this is ruby mica and with proper preparation will be acceptable for the Government's stockpiling program.

Yours very truly,

W. S. Flynt, Superintendent
Spruce Pine Mica Depot

RECEIVED
JUN 15 1953
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

Send copy to DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 43, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

June 12, 1953

Mr. Andrew W. Reid
P.O. Box 439
Franklin, North Carolina

Re: DMEA-2940, Buoy Mine (mica)
DMEA-2944, Campbell Mine (mica)

Dear Mr. Reid:

In reference to your inquiry of June 9 about the Buoy and Campbell applications:

The field examination reports were sent to the Washington office on May 15, and further action including, of course, the preparation of a contract if approved, is the responsibility of that office, and if a contract is approved, we will forward it for your signature immediately.

I do not understand the statement that you have received an approval for exploration at these two mines, as such approval would be in the form of a contract which would be routed through this office.

Please be assured that if these contracts are approved, we will contact you immediately.

Very truly yours,

Robert A. Laurence
Executive Officer, DMEA
Region 7.

RAL/zm
cc:
Beck-Lynch
Opr. Com.

Files

A.W. Reid

2940 - Mica
Bury No. 2 Mine

Still awaiting plat and metes and bounds description of the property.

6/22/53

FILE COPY
SURNAME:

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

MAY 26 1953

Feitler
Houk
Martin
Johnson

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

Subject: Docket No. DMEA-2940 - Mica
A. W. Reid
Buoy No. 2 Mine
Macon County, North Carolina

Dear Mr. Laurence:

Receipt of the field examination report on this mine with a favorable recommendation is acknowledged.

When one of your men is next in the area, please have him select a representative color sample of the mica from this mine. Half of the sample should be qualified by Mr. Flynt, and the rest should be sent to this office.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee (JHB)

Approved:

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

A. R. Kinkel, Jr. (JHB)
Member, Geological Survey

MDL 5-26-53

SAFeitler:fls 5/21/53

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

IN REPLY REFER TO:

G-MD-CNM

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

May 22, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-2940 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: Andrew W. Reid, Franklin, North Carolina.
Name of property: Buoy #2 mine.
Location of property: Franklin, Macon County, North Carolina.
Date of field team report: May 12, 1953.
Authorship of field team report: Teague and Shirley.
Field team's recommendation:

230' adit
55' x 5'x7' winze
75' of drifts

Comments: None.
ACTION SUGGESTED: Follow field team's recommendation.

D. M. Larrabee

D. M. Larrabee

Mr Foehler

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

May 15, 1953

MAY 18 1953

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, DMEA - Region 7

Subject: Field Examination Report on DMEA-2940, Buoy No. 2 Mine (mica)

Transmitted herewith are four copies of the above subject report with six extra copies of the map. The Field Team is in agreement with the recommendations set forth in this report.

Robert A Laurence

Robert A. Laurence
Executive Officer, DMEA
Region 7

Wm A Beck

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

zm

Reviewed by
DMEA OPERATING COMMITTEE

5-22-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2940, BUOY No. 2 MINE (Mica)

Franklin, Macon County, N. C.

By

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

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

Reviewed by
DMEA OPERATING COMMITTEE
5-22-53
(date)

May 12, 1953

Field Examination Report
on
DMEA-2940, BUOY MINE No. 2 (mica)

Applicant: Andrew W. Reid, Box 489, Franklin, N.C.

Exploration below the lower drift appeard to be warranted. All evidence available indicates that considerable unmined mica-bearing pegmatite occurs and that exploration will result in the production of significant amounts of strategic mica; therefore, the examiners recommend that exploration assistance be granted.

This property was examined on May 7, 1953. The applicant, Andrew W. Reid, accompanied the examiners on the inspection which required three hours.

The Buoy No.2 Mine is located 3.2 airline miles N. 30° E. of Franklin, N. C. The apparent confusion as to the name of this mine may be cleared as follows: Prior to World War II, the mine covered by this application was known as the "Buoy Mine," named after Captain Buoy who opened the mine. The Buoy No. 1 Mine was and is still at times called "Rock Cut." Both mines are on the north side of Mill Knob, Buoy No. 1 (Rock Cut) is on the east and Buoy No. 2 (Buoy) on the west. They are about 0.2 miles apart. Access to the Buoy No. 2 Mine is good at all times.

The applicant has considerable experience in mica mining and is competent to conduct the proposed exploration program. He owns the property, and it is of sufficient extent to provide adequate working and dumping space.

The following excerpts on workings and geology are taken from an unpublished report by Richard W. Lemke, U.S.G.S., dated November 1944. Little work has been done since this report was prepared.

" The deposit was first worked by a Captain Buoy about fifty years ago. This work consisted, in addition to some open-cut mining (see Buoy Cut on map), of the driving of a crosscut and an adit. The crosscut (Buoy Crosscut) connects with a shaft (Buoy Shaft) sunk in the open cut and presumably was driven to facilitate the removal of muck from this part of the workings. The adit (Hoyt Adit), which intersected the pegmatite body 155 feet from the portal, was driven 120 feet beyond this point and was probably stoped to a maximum height of thirty feet. Subsequent work by W. E. Grindstaff, who mined the deposit intermittently for about thirty years, consisted of additional work in the Hoyt Adit and of further exploratory work in the open cut. Phillips S. Hoyt of Van Horn, Texas, who ceased operations in December 1943, extended the Hoyt Adit to a total distance of 450 feet."

"A tabular pegmatite body, which strikes N. 20° W. and dips steeply northeast, has been intruded into biotite gneiss. The pegmatite is generally concordant with the enclosing rock but locally cuts across the foliation at small to moderate angles. The dip of the country rock foliation appears to steepen immediately adjacent to the intruded mass.

"The mass ranges in thickness from a few inches where it is intersected by the Hoyt Adit to seven feet near the face of this adit. It has a known strike length of 300 feet and a vertical extent of at least 150 feet. The top of the pegmatite is exposed in the Hoyt Adit and in the southern end of the Buoy Cut. These exposures indicate that the body plunges about 25° N.W.

"A distinct zonal arrangement of minerals characterizes the pegmatite. The core consists of massive quartz and represents fully half of the entire mass. The quartz is a waxy semi-translucent variety. The core is flanked by zones of medium-grained pegmatite consisting essentially of plagioclase and interstitial quartz. Locally, blocky yellow to salmon-colored microcline occurs adjacent to the margins of the core. Minor accessory minerals are small garnets (in the quartz) and sercite and pyrite, which occur as thin films along the fractures of both quartz and feldspar.

"Muscovite mica, the only mineral of present economic importance, is distinctly concentrated in the border zones, in which it occurs in moderate abundance. The mica books, most of which are irregular and without distinct crystal form, commonly are 4 to 6 inches, although some books are as much as 10 inches across. Most of the mica is a medium-brown color; however, a darker reddish zone borders a few of the books. A slight greenish cast is characteristic of some. The books are relatively hard, flat, and free splitting. Ruling is the chief defect, but fractures are comparatively rare. Minor deleterious qualities in some books are a green vegetable stain and black specks. The latter appears to consist partly of minute biotite crystals and partly of iron or manganese inclusions. In general the specks are localized along a minor reeved structure.

"The outlook for future,production from the Buoy No. 2 mica mine appears to be favorable. Mica of strategic grade is exposed in moderate abundance along most of the backs of the stopes of the Hoyt Adit from a point at the bottom of the first incline(see longitudinal projection A-A') to the heading. Although the block of ground near the incline has been stoped nearly to the top of the pegmatite body, there appears to be a considerable undeveloped vertical extent of pegmatite that could be mined between the southwest end of the Buoy Cut and the heading of the Hoyt Adit. Heavy ground and possible unknown workings are factors to be considered in mining this part of the body. The block of ground below the lower workings of the Hoyt Adit appears to offer the best possibilities for future mining. Mining also can be continued in the heading of this adit. A tapering of the quartz core, however, may indicate a pinching of the pegmatite. The difficulty of muck removal is an additional factor to be considered in any plans for mining this part of the deposit."

Past production from this mine is not known, but from the extent of the openings it would appear to have been substantial. Apparently the Colonial Mica Corporation on November 6, 1944, notified the operators that mica from this mine was classified as non-ruby, thus closing the operation. The color and quality of mica from Buoy No. 2 mine is very similar to mica from Buoy No. 1 Mine which is now one of the largest producers of strategic mica in the Franklin-Sylva, North Carolina area. Some of the mica from Buoy No. 2 Mine is non-ruby color, but most is of ruby color.

The examiners are of the opinion that exploration assistance is justified, and should be conducted from the Hoyt Adit. At the present time some of the timbers have rotted and in places muck partly blocks the adit. It will be necessary to clean out, rehabilitate, and place track before further work can be started. It is recommended that 230 feet of adit be placed in usuable condition and a 55-foot winze be sunk from the adit at a point approximately 230 feet from the portal. A sufficient sump should be left in the bottom of the winze and drifts driven from it on the pegmatite. The winze should follow the pegmatite down its dip.

Estimated Cost:

10' x 12' tool house	$ 200.00	
Rehabilitate and install track in 230 feet of adit @ $10/ft.	2,300.00	
55-foot 5' x 7' winze @ $45/ft.	2,475.00	
75 feet of drifts @ $35/ft.	2,625.00	
Total Estimated Cost.....		$7,600.00

Estimated time required 125 shifts.

May 12, 1953

Kefton H. Teague, Geologist, USGS

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

mm

N. Fitts

8/17/53

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-2940, BUOY No. 2 MINE (Mica)

Franklin, Macon County, N. C.

By

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

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

May 12, 1953

Write back data to select representative colors, samples for determination of sludge quality

½ to Illgut – ½ this office

L. G. H.

Field Examination Report
on
MLA-2940, BUOY MINE No. 2 (mica)

Applicant: Andrew W. Reid, Box 409, Franklin, N.C.

Exploration below the lower drift appeard to be warranted. All evidence available indicates that considerable unmined mica-bearing pegmatite occurs and that exploration will result in the production of significant amounts of strategic mica; therefore, the examiners recommend that exploration assistance be granted.

This property was examined on May 7, 1953. The applicant, Andrew W. Reid, accompanied the examiners on the inspection which required three hours.

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The applicant has considerable experience in mica mining and is competent to conduct the proposed exploration program. He owns the property, and it is of sufficient extent to provide adequate working and dumping space.

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"The mass ranges in thickness from a few inches where it is intersected by the Hoyt Adit to seven feet near the face of this adit. It has a known strike length of 300 feet and a vertical extent of at least 150 feet. The top of the pegmatite is exposed in the Hoyt Adit and in the southern end of the Buoy Cut. These exposures indicate that the body plunges about 25° N.W.

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75 feet of drifts @ $35/ft.	2,625.00
Total Estimated Cost.....	$7,600.00

Estimated time required 125 shifts.

May 12, 1953

Kefton H. Teague, Geologist, USGS

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

zm

FILE COPY
SURNAME:

Feitler
Hook
Johnson

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C. 670

BL

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

Subject: Docket No. DMA-2940 - Mica
A. W. Reid
Buoy Mine
Macon County, North Carolina

APR 14 1953

Dear Mr. Laurence:

Please arrange for a field examination of the subject mine.

Enclosed are copies of memoranda from the Geological Survey and the Bureau of Mines, and a Supplement to Application" submitted by Mr. Reid.

Sincerely yours,

[illegible] (2NB)

Chairman, Operating Committee

Approved:

[illegible] (2NB)

Member, Bureau of Mines

J. C. 4/14/53

A. R. Renkel, Jr. (2NB)

Member, Geological Survey

Enclosures 5

SAFeitler:gad 4/10/53

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

FILE COPY
SURNAME:

Feitler
Henk
Hudson
Kimball
Fehlman

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. 6[illegible]

Mr. A. [illegible] Reid
Box 439
Franklin, North Carolina

APR 1 4 1953

Re: Docket No. [illegible]-2940 - Mica
Buey Mine
Macon County, North Carolina

Dear Mr. Reid:

Your application for assistance in exploring the subject mine has been referred to 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 1[illegible], Post Office Building, Knoxville 2, Tennessee, for a field examination.

The [illegible] will contact you at an early date in regard to the examination of your property. Any assistance that you may give the members of the field team during the examination will be appreciated.

J. C. 4/14/53

Four copies of the Supplement to Application were received in this office from Mr. Kramer on April 8, 1953. This did not, however, include the information about the land requested in the final paragraph of our letter dated April 7, 1953.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

G Feitler:gad 4/10/53

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

MF-103 ANDREW W. REID P.O.BOX 489 FRANKLIN, NC.

2940
- MICA -
BUOY MINE
MACON COUNTY

Rec. 4/8/53 from Mr. Trammel

SUPPLEMENT TO APPLICATION DATED: MARCH 20, 1953.

Since 1900 this mine has been the only one known as a BUOY MINE - until World War 11. At that time, this mine and the Rock Cut Mine, located one quarter mile northwest, were leased by the same party and mined by him. The mica was sold by him to Colonial Mica Corporation and since then there has always been confusion as to which mine he called Mine #1 and Mine #2. The mine which applicant refers to as the BUOY has always produced larger books of mica than the Rock Cut mine.

Any particular designation DMEA desires to place on this mine will be agreeable with applicant.

The 600' tunnel described in application, was constructed many years ago. It is still open but the timbers throughout the first 200 feet, through the overburden, have rotted; retimbering this distance is required. Balance of the tunnel is hard rock and requires no timber.

The pit referred to begins about 400' from tunnel entrance and continues through the pegmatite. It is really proposed to sink the new shaft where the main tunnel contacts the pegmatite, which is about 400 feet in from the entrance.

QUESTION NO. 6.

In the event additional cost details, beyond those previously provided, are desired, the following statements are submitted:

(a) There will be no independent contracts.

(b) The work is proposed to be done with two (2) shifts, each working eight (8) hours:

2 Working Foremen (tunnel) 50 days 800 manhours @ $1.50 per hour	$1,200.00
2 Working Foremen (shaft) 62 days 992 manhours @ $1.50 per hour	1,488.00
2 Timbermen (tunnel) 800 manhours @ $1.25 per hour	1,000.00
2 Miners (shaft) 992 hrs. @ $1.00 per hr.	992.00
2 Muckers (shaft) 992 hrs. @ $1.00 " "	992.00
Timber for tunnel is on property, inc. 8" & 10" posts, legging etc. Labor, use of truck etc., to prepare same, approximately	600.00
	$ 6,272.00

Total from previous page			$ 6,272.00
(c)	2 wheelbarrows, 4 picks, 4 handles, 1 crosscut saw, 2 sledge hammers, 6 shovels, 1 claw hammer, 1 spirit level - approx. cost	$125.00	
	130 cases dynamite (explosives) @ 13.50	1755.00	
	3250 exploders (no fuse or caps)	104.00	
	Blasting machine	75.00	
	Gasoline & Oil	396.80	
	Estimated power cost	150.00	2,605.80
(d)	Rental, 105 cfm Shramm Compressor, with Jackhammer & hose, 2 mos. @ $186.00 mo.	$ 372.00	
	Purchase, app. 50 pcs. Steel (aver. 6.-)	300.00	
	" 1000 Bits @ 42¢	420.00	
	" 1200' Track, with Tram Car	430.00	
	" Cross Bars & Spikes	145.00	1,667.00
(e)	None on property.		
(f)	Construction, Shop, shed & Tool Storage building.	$ 550.00	550.00
(g)	Shop work on steel & bits, estimated at $50.00 per month	$ 150.00	
	Employer's Liab. & Comp. Insurance	150.00	
	Payroll Taxes	66.00	366.00
(h)	Supervision, 62 days @ $15.00 per day	$ 930.00	
	Miscellaneous	350.00	1,280.00
	TOTAL ESTIMATED COST		$ 12,740.80

- - - -

FILE COPY
SURNAME:

Feitler
Houk

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

600

APR 7 1953

Mr. A. . Reid
Box 489
Franklin, North Carolina

Re: Docket No. DMEA-2940 - Mica
Buoy No. 2 Mine
Macon County, North Carolina

Dear Mr. Reid:

J.C. 4/7/53

Reference is made to the subject application for exploration assistance and the omission of cost data and the legal description of the property.

Please note Article 6 of MF-103, a blank copy of which is enclosed. It is a requisite part of your application to include a detailed cost estimate for the required work. Kindly supply answers to Article 6 (a) to (f) inclusive, giving a detailed cost breakdown under each of the subheadings.

A copy of the metes and bounds description of the property together with any map, plat or sketch available should also be submitted. Your application will be processed when the requested information is received.

Sincerely yours,

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Enclosure

SAFeitler:gad 4/6/53

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

Mr. Foster

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

April 2, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

...ENT OF THE INTERIOR
...Minerals Administration
RECEIVED
APR 3 1953

Subject: DMEA-2940, Mica, Buoy Mine,
Macon County, North Carolina

Bureau of Mines records indicate an average monthly purchase from May to September 1944 of $3,779.90 worth of mica by Colonial Mica from Buoy #1 Mine. Operators of Buoys #2 Mine were notified November 6, 1944 by Colonial Mica that the mica from this mine was non-ruby. A field team investifation is recommended to ascertain if an exploration program is justified.

W. F. Dietrich

W. F. Dietrich

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

April 2, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 3 1953

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2940, Mica, Buoy Mine,
Macon County, North Carolina

Bureau of Mines records indicate an average monthly purchase from May to September 1944 of $3,779.90 worth of mica by Colonial Mica from Buoy #1 Mine. Operators of Buoys #2 Mine were notified November 6, 1944 by Colonial Mica that the mica from this mine was non-ruby. A field team investifation is recommended to ascertain if an exploration program is justified.

Signed

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CLM

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

March 25, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 25 1953

Memorandum

REVIEW OF APPLICATION DMEA-2940 (Mica).

To: L. G. Houk, Defense Minerals Exploration Administration.
From: J. J. Norton, U.S. Geological Survey.
Applicant: A. W. Reid
Name of property: Buoy (Buoy No. 2?)
Location of property: Approximately 3-4 miles N. 26 E. or N. 30 E. of Franklin, Macon County, North Carolina.
Estimated cost of project: Not stated.
Summary of applicant's proposal:
(1) Rehabilitate "600 foot tunnel" (actually 450 feet?)
(2) 50 foot winze.
(3) Two 50-foot drifts from bottom of winze.
Sources of information on applicant's property:
(1) Jahns, R. H., unpublished U. S. Geol. Survey professional paper on Blue Ridge pegmatites.
(2) Lemke, R. W., Buoy No. 2 mica mine, Macon County, North Carolina: unpublished U.S. Geological Survey report. Map was open-filed in 1945.
(3) A deposit called the Buoy No. 1 has also been mapped, and we have various reports on file. Probably, however, this deposit is not a part of the present application.
(4) Colonial Mica Corporation production records.
Comments:
(1) Exploration below the lower drift appears to be warranted. The winze could be advantageously located near the midpoint of the drift, rather than at the end, where the applicant wants it. The field team almost certainly will be able to plan a good exploration project for this deposit.

(2) The field team has copies of all reports and maps.

(3) There appears to be some confusion between the Buoy No. 1 and the Buoy No. 2 deposit. Some of applicant's statements suggest that he is referring to both properties. Colonial Mica Corp. purchase records show that the Buoy No. 1 was a much larger producer than the Buoy No. 2, yet Geological Survey reports of production data obtained in 1944 indicates just the reverse. If you want details, I'll be glad to supply them. I think there is little doubt that the Buoy No. 2 was a significant source of mica, and probably will again be a significant source in the future.

RECOMMENDATION:
Refer to field team.

Copies to DMEA-(3)

J. J. Norton

IN REPLY REFER TO:

G-MD-CLM

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

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RECOMMENDATION:
Refer to field team.

J. J. Norton

J. J. Norton

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 23 1953

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

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-2948
Metal or Mineral
Date Received 3-23-53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

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

ANDREW W. REID
P. O. BOX 409
FRANKLIN, N. C.

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract: the property known as the Lucy Mine located in Millshoal Township, Macon County, North Carolina, as deeded Dec. 22, 1945, from Laura Belle Buchanan, and recorded in the office of the Register of Deeds for Macon County, in Book M-5 at page 355.

(*b*) State any mine name by which the property is known. LUCY MINE

(*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.

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 wish to explore .....

(*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 ..... days and be completed within ..... 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)? YES

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

[X] 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 MARCH 20th, 1953

(Applicant)

By Andrew W. Reid

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

MF-103 ANDREW W. REID P.O. BOX 489 FRANKLIN, N.C. - MICA -
BUOY MINE
MACON COUNTY, N. C.

4. This property has been mined for more than 50 years. Former owners, Buchanan & Grindstaff operated from 1905 to 1920 and recovered large quantities of strategic ruby mica. During World War 11, production was sold to Colonial Mica Co. At that time 2031 pieces were tested and, as reported in Geological Survey Professional Paper 225, were classed as "100% - E-1". Large blocks of mica are recovered from this mine; some sheeting to as much as 8" x 24". Applicant was born a short distance from the Buoy and has always been acquainted with its record.

The pegmatite formation, which runs northeast by southwest, lies within the hill which rises about 1000' above the lowland. Vein averages about 15 feet wide; it has been mined and prospected in a great many sections through shafts, pits and tunnels. Maximum shaft depth is about 85 feet. Approximately 300 feet from the base of the hill a 150 foot tunnel was run into the vein. This occurred many years ago and has since been abandoned. Near the base of the hill a tunnel was constructed - 600 feet - in which last, large, workings occurred. In this lower tunnel a pit, 150 feet long and 25 feet deep, has been cut. It is from these lower workings that the best mica has been recovered.

Property is readily accessible for examination, being located about 4-1/4 miles northeast of Franklin; 3 miles NE via State Highway 23 to Lake Emory Road, one mile northeast to Mill Road and 1/4 mile east to property.

Sufficient manpower, supplies, etc., are available for all purposes.

5. In order to approach the heart of this vein, it is proposed to rehabilitate the lower tunnel through its entire 600 feet (it will require timbering for the first 200 feet); then to sink a 50 foot shaft at the tunnel end and drift along the bottom of same for a distance of 50 feet each way. Tram car and track will be needed.

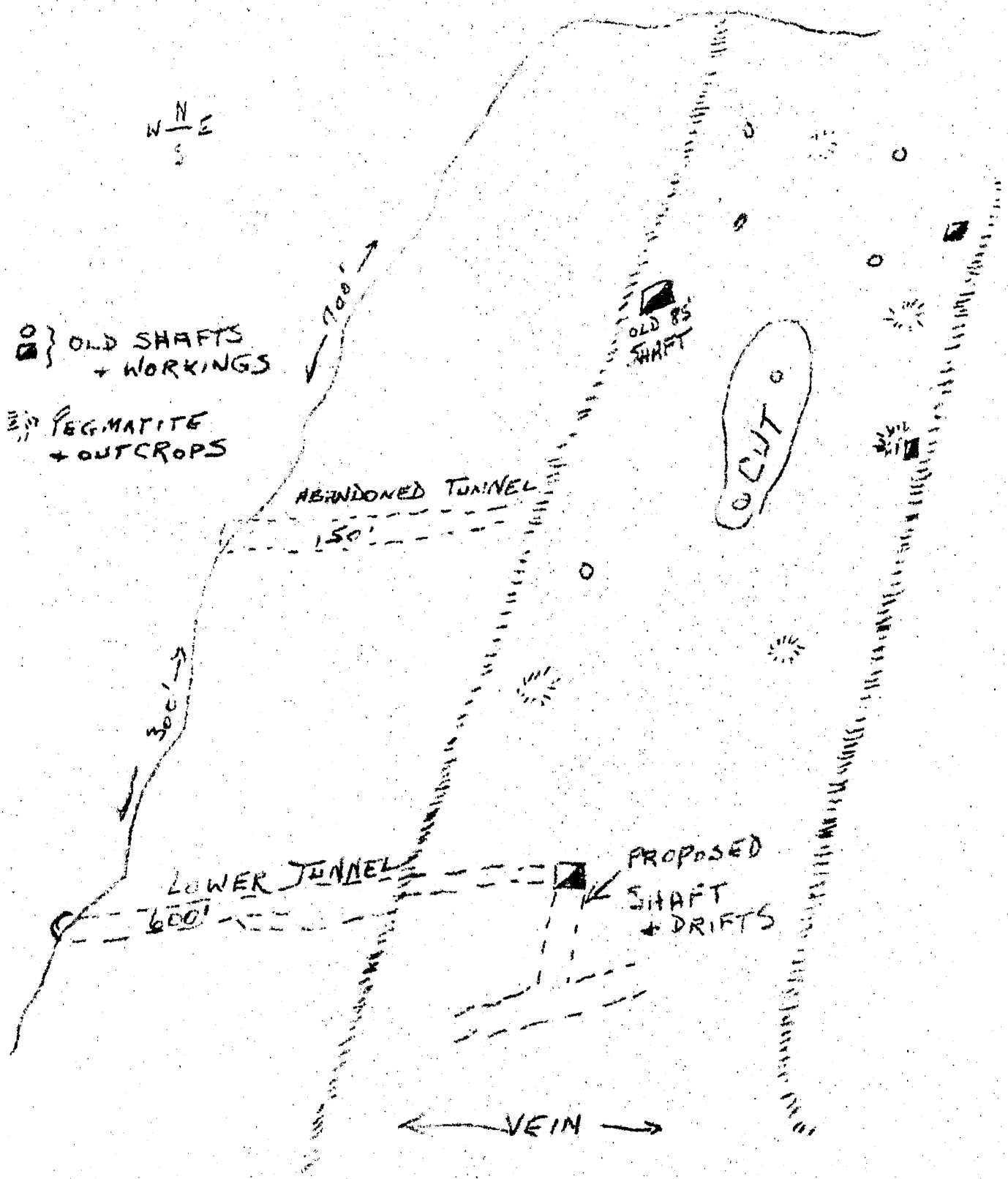
This form of exploration will open the principal part of the vein and permit recovery of commercial ore bodies which are known to be of hygrade ruby quality.

6. It is anticipated the Field Team will approve this work on a footage basis, at figures agreed upon with applicant.

Applicant has mined and operated in the pegmatites of this district for more than 30 years. He is fully conversant with all phases of the work and will personally supervise this exploratory work.

- - - - -

MF-103 ANDREW W. REID P.O. BOX 489 FRANKLIN, N.C. - MICA - BUOY MINE MACON COUNTY



March 23, 1953

Mr. Andrew W. Reid
P. O. Box 489
Franklin, N. C.

DMEA-2940
Subject: Exploration Assistance
Re: Buoy Mine

My dear Mr. Reid:

The receipt of your application dated March 20, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2940 and referred to the Nonmetallic Minerals Division.

Kindly refer to DMEA-2940 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS
Robert E. Adams, Chief
Operations Control and
Statistics Division

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
RECEIVED
MAR 23 1953

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-2940
Metal or Mineral
Date Received 3-23-53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: ANDREW W. REID
P. O. BOX 489
FRANKLIN, N. C.

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

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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. BEING the property known as the Buoy Mine located in Millshoal Twonship, Macon County, North Carolina, as deeded Dec. 22, 1945, from Laura Belle Buchanan, and recorded in the office of the Register of Deeds for Macon County, in Book N-5 at page 355.

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Dated MARCH 20th, 1953

(Applicant)

By Andrew W. Reid

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U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

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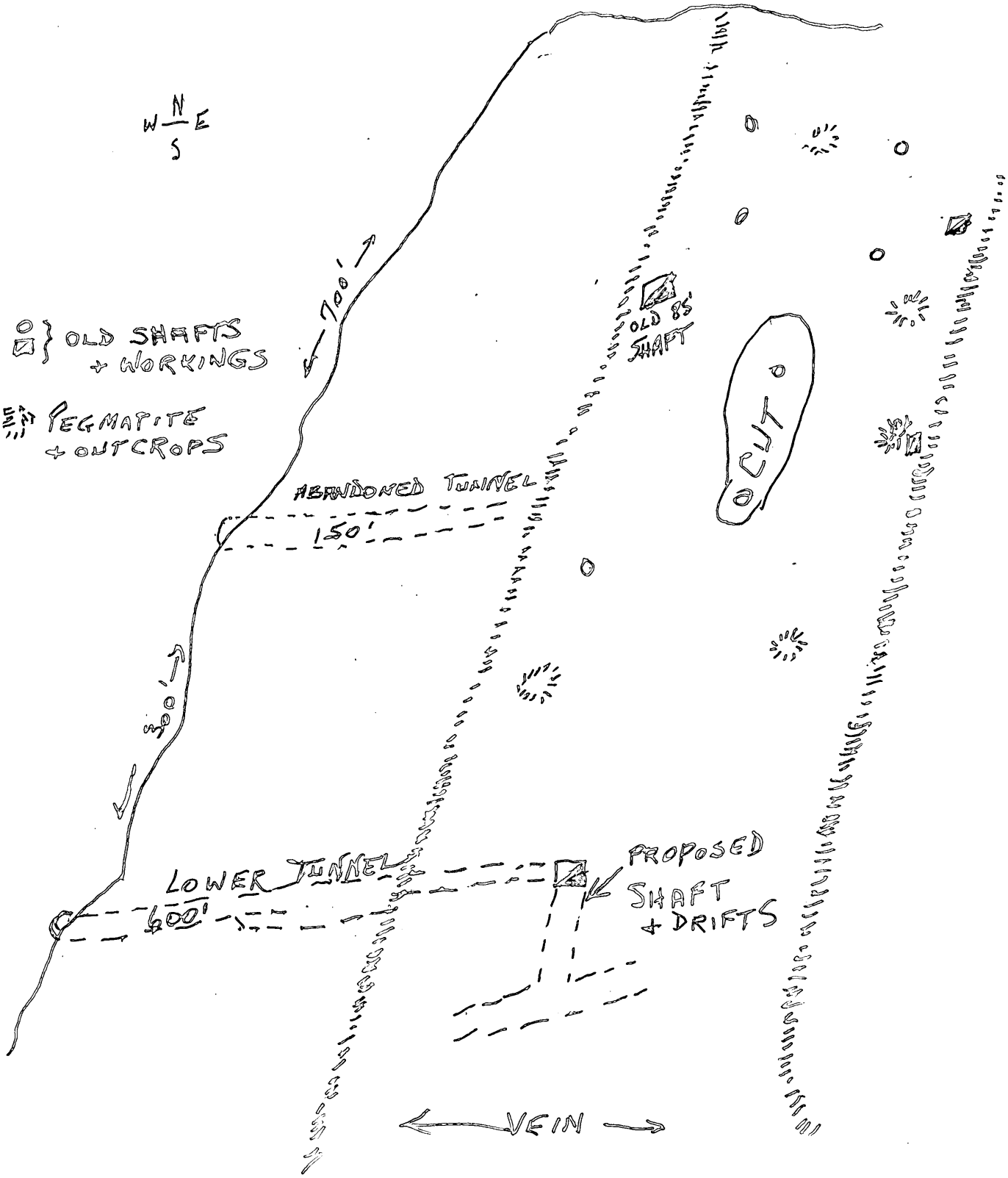
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

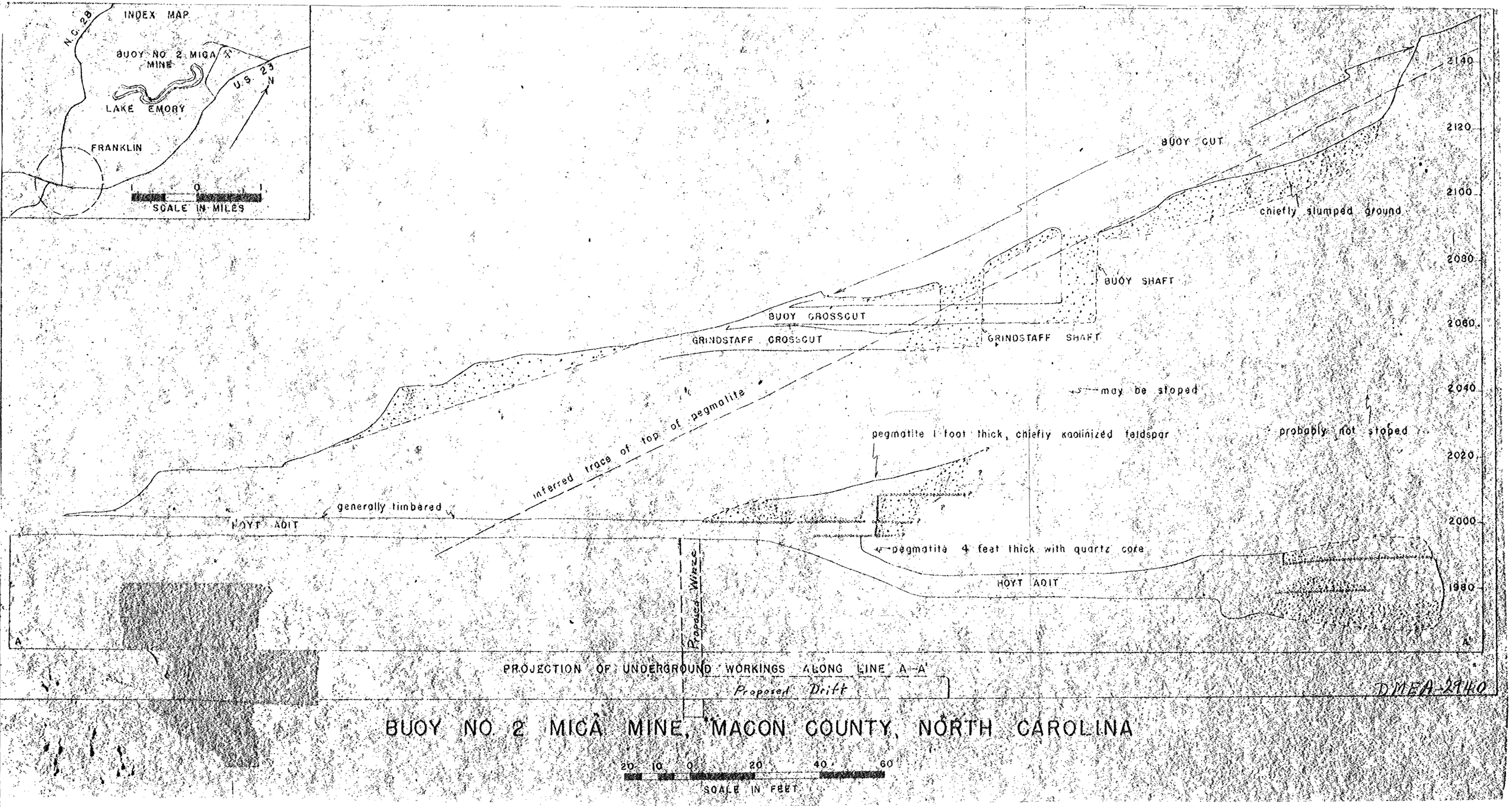
Room 13-142

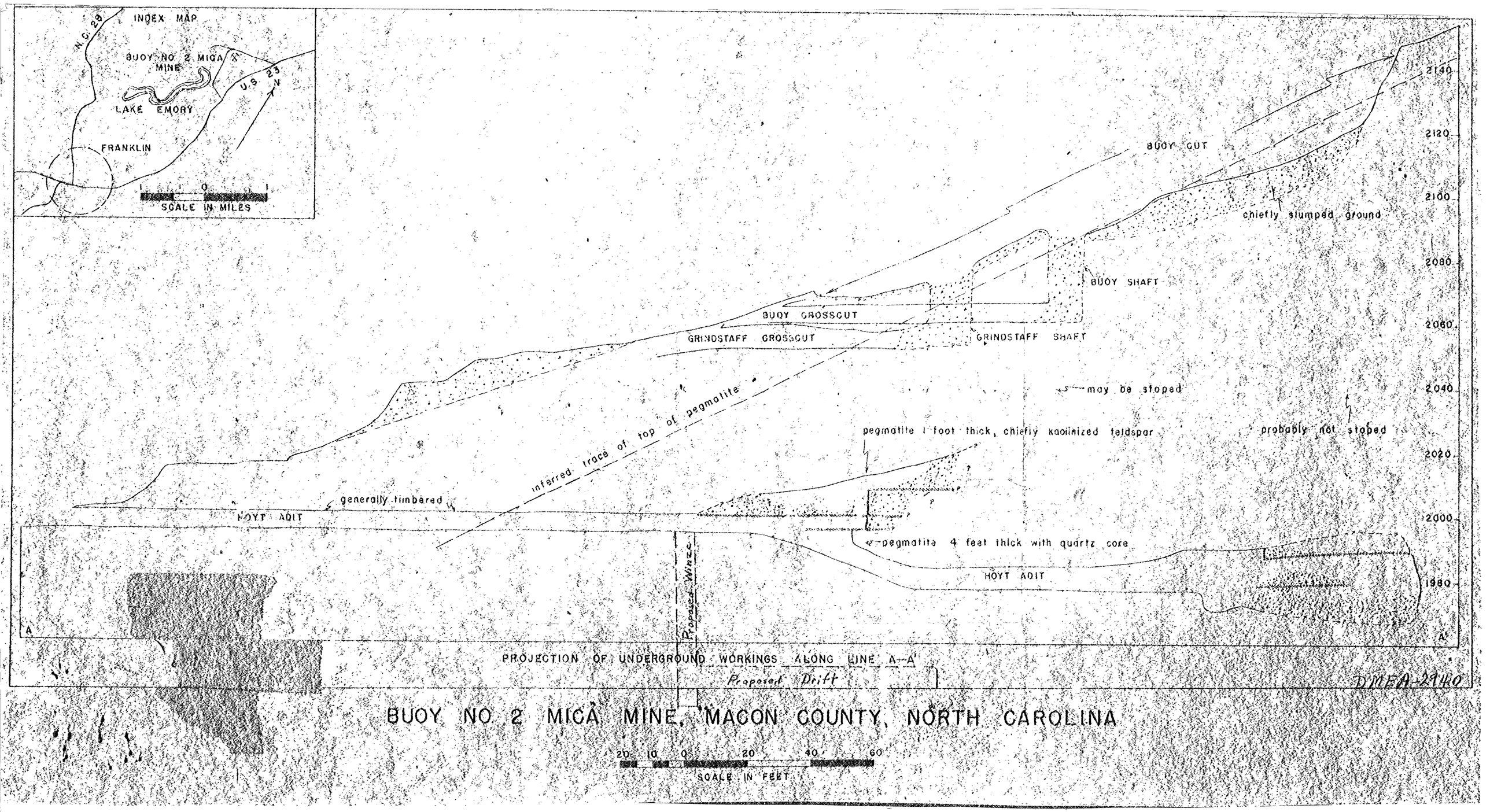
MF-103 ANDREW W. REID P.O. BOX 489 FRANKLIN, N.C.

- MICA -
BUOY MINE
MACON COUNTY



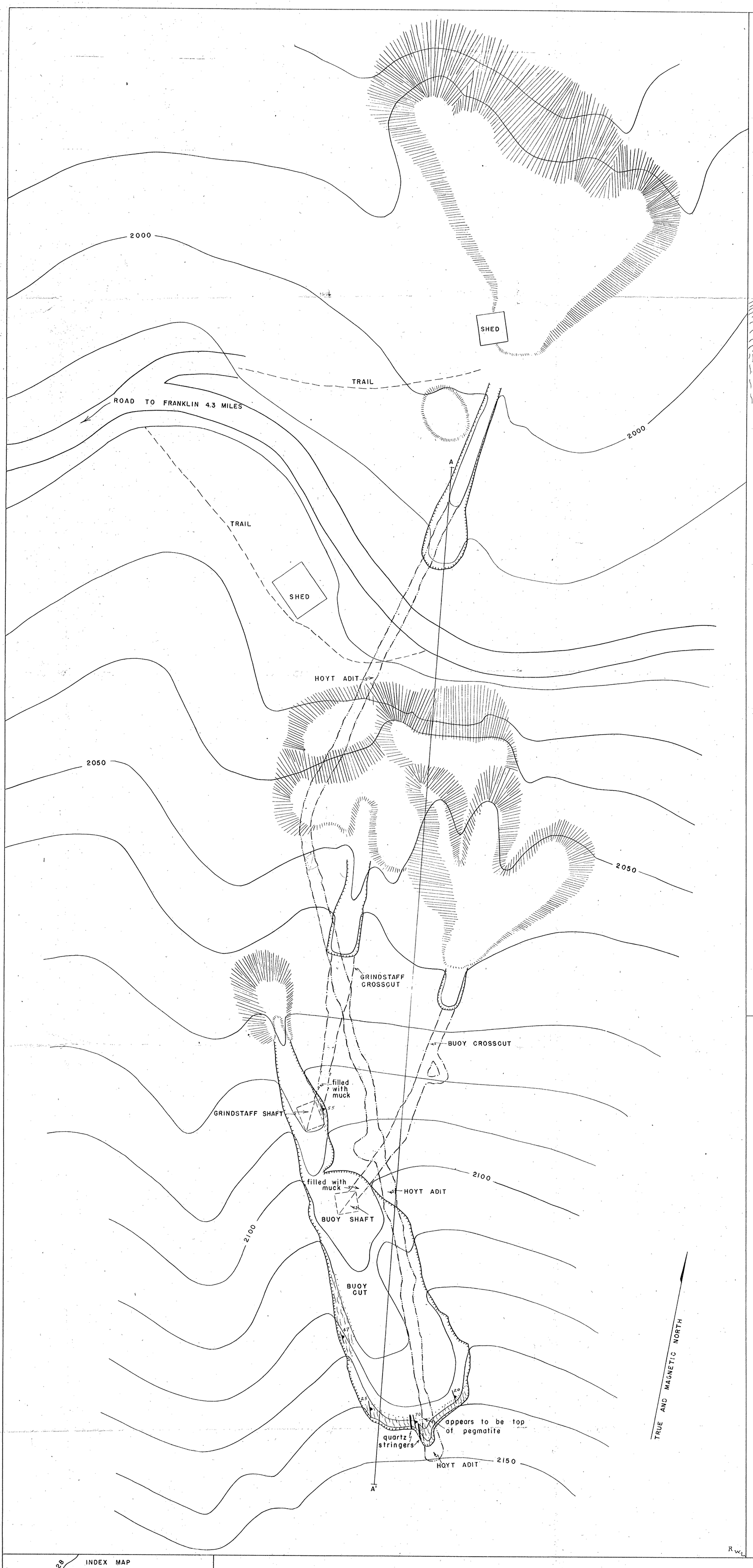
uMEa-2940

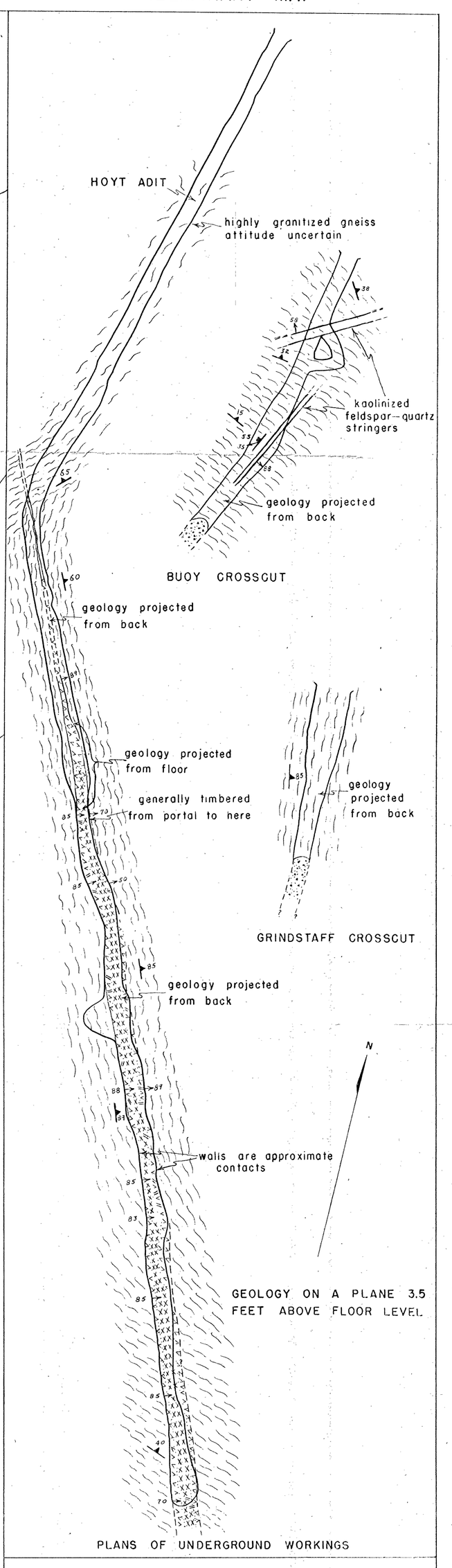

INDEX MAP
N.C. 28
BUOY NO. 2 MICA MINE
U.S. 23
N
LAKE EMORY
FRANKLIN
1 0 1
SCALE IN MILES
BUOY CUT
chiefly slumped ground
BUOY SHAFT
BUOY CROSSCUT
GRINDSTAFF CROSSCUT
GRINDSTAFF SHAFT
may be stoped
probably not stoped
inferred trace of top of pegmatite
pegmatite 1 foot thick, chiefly kaolinized feldspar
generally timbered
HOYT ADIT
pegmatite 4 feet thick with quartz core
HOYT ADIT
Proposed Winze
A
A'
2140
2120
2100
2080
2060
2040
2020
2000
1980
PROJECTION OF UNDERGROUND WORKINGS ALONG LINE A-A'
Proposed Drift
DMEA-2940
BUOY NO. 2 MICA MINE, MACON COUNTY, NORTH CAROLINA
20 10 0 20 40 60
SCALE IN FEET


INDEX MAP
N.C. 28
BUOY NO 2 MICA MINE
U.S. 23
LAKE EMORY
FRANKLIN
0
SCALE IN MILES
BUOY CUT
chiefly slumped ground
BUOY SHAFT
BUOY CROSSCUT
GRINDSTAFF CROSSCUT
GRINDSTAFF SHAFT
may be stoped
inferred trace of top of pegmatite
pegmatite 1 foot thick, chiefly kaolinized feldspar
probably not stoped
generally timbered
HOYT ADIT
pegmatite 4 feet thick with quartz core
HOYT ADIT
Proposed Winze
A
A'
2140
2120
2100
2080
2060
2040
2020
2000
1980
PROJECTION OF UNDERGROUND WORKINGS ALONG LINE A-A'
Proposed Drift
DMEA-2140
BUOY NO 2 MICA MINE, MACON COUNTY, NORTH CAROLINA
20 10 0 20 40 60
SCALE IN FEET

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAP





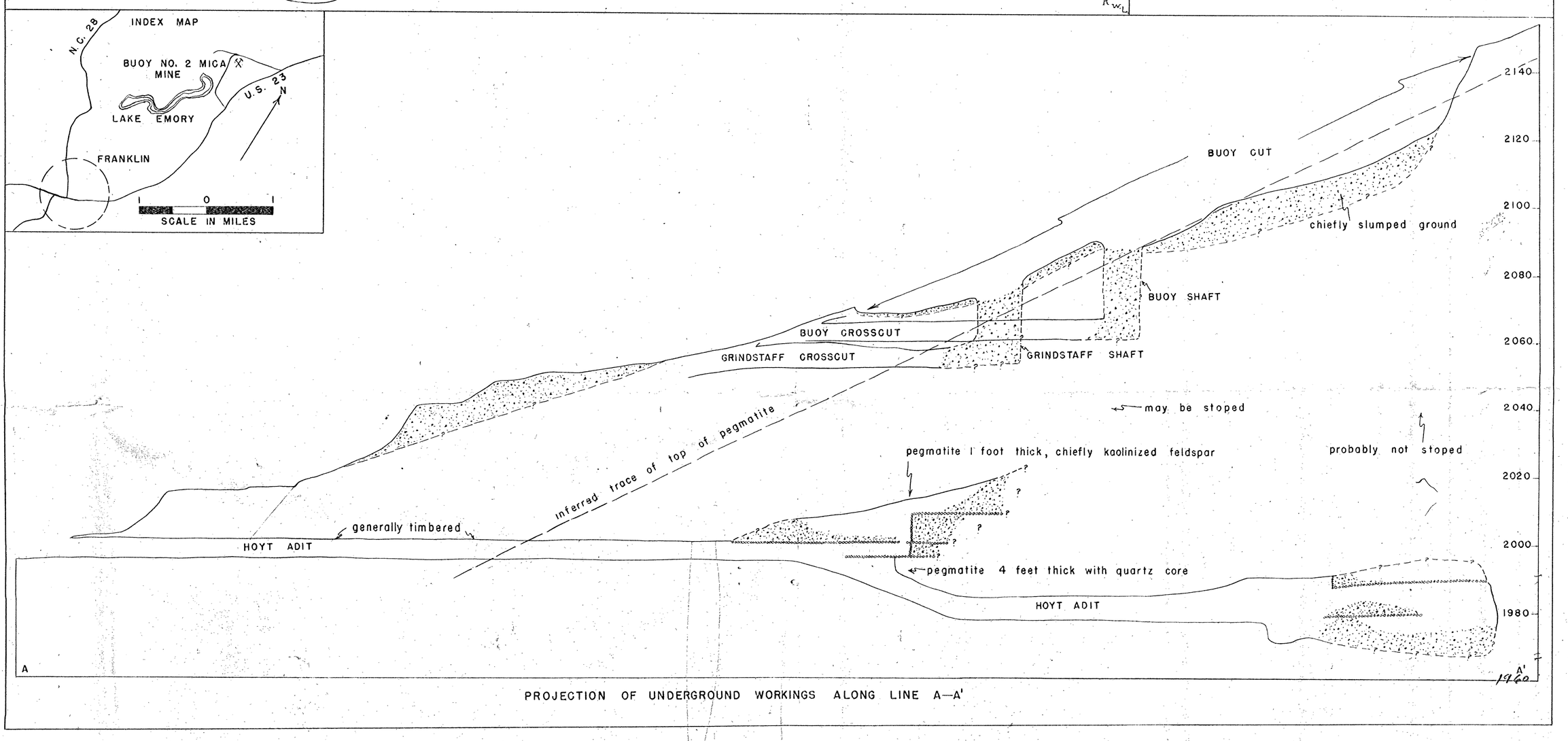
EXPLANATION

- MUCK OR FILL
- FELDSPAR—QUARTZ PEGMATITE
- MASSIVE QUARTZ
- SHEET MICA CONCENTRATION
- BIOTITE GNEISS
- CONTACT, LOCATION ACCURATE, SHOWING DIP
- CONTACT, LOCATION APPROXIMATE
- STRIKE AND DIP OF FOLIATION
- STRIKE AND DIP OF SLIP PLANE, SHOWING ATTITUDE OF SLICKENSIDES
- CONTACT BETWEEN PEGMATITE UNITS
- LIMIT OF EXPOSURE
- SHAFT
- CAVED OR FILLED SHAFT, LOCATION APPROXIMATE
- PROJECTED OUTLINE OF UPPER UNDERGROUND WORKINGS
- PROJECTED OUTLINE OF LOWER UNDERGROUND WORKINGS
- RIM OF OPEN CUT OR PIT
- DUMP
- LAGGING

SURFACE MAPPED BY PLANE AND STADIA METHODS
UNDERGROUND MAPPED BY CHAIN AND COMPASS
DATUM FROM U.S.G.S. GOWEE QUADRANGLE
CONTOUR INTERVAL 10 FEET

PREPARED IN COOPERATION WITH THE NORTH CAROLINA DEPARTMENT OF CONSERVATION AND DEVELOPMENT

GEOLOGY AND TOPOGRAPHY BY
R. W. LEMKE AND E. WM. HEINRICH
OCTOBER 9 AND 25—27, 1944



PROJECTION OF UNDERGROUND WORKINGS ALONG LINE A—A'

BUOY NO. 2 MICA MINE, MACON COUNTY, NORTH CAROLINA

20 10 0 20 40 60
SCALE IN FEET