DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 5042

Application
- [ ] Denied
- [x] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [x] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [ ] Project summary (final)
- [ ] Work Completed analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No._____: Reports

- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with transmittal, narrative and maps.

Folders No._____: Maps (Use pocket folder or envelope)

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

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

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 5 1958

DATE	INITIALS	CODE

June 3, 1958

Memorandum

To: Operating Committee, DMEA, Washington 25, D. C.

From: Field Team, DMEA, Region V, Knoxville, Tennessee

Subject: Application from Minerals Development Co., Inc.
Burnsville, North Carolina
Silvers Mine, Yancey County, North Carolina (Mica)

Enclosed are the original and two copies of the subject application, received at this office, with one copy of the lease and six copies of the Consent to Lien. The Applicant's property map is attached to the application.

We are keeping the fourth copy of the application for our use.

Robert A. Laurence
Robert A. Laurence
Executive Officer

V. J. Lynch
V. J. Lynch, Member
Bureau of Mines

Enclosures 10

MF-205
(Combines and supercedes MF-2[illegible] and MF-203)
June 1956

For Government's Use Only
EXPLO[illegible]ION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

RECEIVED
JUN 5 1958
D.M.E.A.

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of YANCEY, State of NORTH CAROLINA, described as follows: 2/ **BEGINNING ON a stake on the side of the mountain above the middle fork of Bolens Creek said stake being South 63° East 207.5 feet feet from the center of the workings of the Silvers Mine, and running thence from the point of beginning South 27° West 210 feet up the mountain to a stake; thence North 63° West 415 feet across the side of the mountain to a stake; thence North 27° East 420 feet down the mountain to a stake; thence South 63° East 415 feet across the mountain to a stake; thence South 27° West 210 feet up the mountain to the point of BEGINNING, containing 4 acres, and being a 4 acre tract within the Ray Boundary. Recorded in Deed Book 19 at page 166, Records of Deeds for Yancey County, North Carolina.**

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom, to secure the payment to the Government of a percentage royalty on production as may be provided for by the Contract;

3. Subordinates the undersigned's right, title, claim, or interest in or against the land and in any production therefrom to the rights of the Government under the contract with respect to royalty on production and liens to secure same;

4. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none." Do not leave lines blank.)

NONE

1/ Mining or production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in Book _____, Page _____, official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

5. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this Agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land, or any production therefrom furnishing the Government with two copies of such notice; and

6. Consents to all amendments (including an agreement of termination) and assignments of the contract without notice thereof, and undertakes and agrees that this Agreement shall extend and apply thereto.

7. Added provision: NONE (State "None" or "See Annex No.____")

Dated this _____ day of _____, 1958.

G. C. Hunter, Executor	[Seal]	Burnsville N. C	[Address]
Mrs. Pansy May	[Seal]	Burnsville N. C	[Address]
Dover R. Fouts, Executor	[Seal]	Burnsville N. C	[Address]
Mrs. Ruby Mae Ray	[Seal]	Walla Walla Wash.	[Address]
NU-WRAY, INC. Mrs. Julia Wray, PRESIDENT	[Seal]	Burnsville N.C.	[Address]
Rush T. Wray, SECRETARY	[Seal]	Burnsville N.C.	[Address]

I, Rush T. Wray do certify that I am the ~~Secretary~~ (Secretary, etc.) of the corporation named herein; that Mrs. Julia Wray who signed this agreement was then ~~President~~ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

Rush T. Wray
SECRETARY [Corporate Seal]

Form MF-103
Revised Oct. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR

Budget Bureau No. 42-R1035.3
Approval expires June 30, 1958

DEFENSE MINERALS EXPLORATION ADMINISTRATION

APPLICATION FOR AID IN AN EXPLORATION PROJECT

PURSUANT TO DMEA ORDER I, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

NAME OF APPLICANT (Full legal name and mailing address as it should appear on contract if one is executed)

Minerals Development Co., Inc.
~~Nu-Wray, Inc.~~
Burnsville, North Carolina

RECEIVED JUN. 5 1958 D.M.E.A.

APPLICANT NOT TO USE THIS BLOCK

Docket Number	DMEA-5042
Date Received	6-5-58
Government Participation %	
Region	V
Division Code	600

BUSINESS ORGANIZATION (Check one)

- Individual [ ]
- Corporation [X]
- Partnership [ ]
- Other (Specify) [ ]

State in which firm is organized: NC

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
~~Mrs. Julia Wray~~	~~Burnsville, N. C.~~	~~President~~
~~Rush T. Wray~~	~~Burnsville~~	~~President~~
		~~Secretary~~
E. M. Fredric	Burnsville, N. C.	President
Amos Presnell	" "	Vice Pres.
Vincent Westall	" "	Sec-Treas.

Mineral(s) for which you wish to explore: Green Mica

Estimated Cost of Project: $6900.00

LOCATION OF PROPERTY

Name	County	State
Silvers Mine	Yancey	N. C.

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order-I, Revised, "Government Aid in Defense Exploration Projects." To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit four copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 1, existing mine workings and geology in item 2, and the proposed exploration project in item 4. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 2(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest DMEA Field Office.*

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.

Minerals Development Co., Inc.

May 31, 1958
Dated

By Amos Presnell
Vice President BY (Signature)

Title

RECEIVED JUN 2 1958 U. S. Geological Survey Publications Division

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. *Applicant's Property Rights:*

(a) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all land adjacent to the proposed project area which you own or control. Describe any part of the project land or workings which should not be subject to Government lien for royalty payments. If the land consists of unpatented claims, state the book and page number for each recorded location notice, including amended locations, and the place where recorded (courthouse, recorder's office, county, and state).

(b) State all the names by which you know the property.

(c) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise. If you are not the owner, submit with this application one exact copy of the lease, contract, or other document (with address of owner) under which you control the property.

(d) Describe all liens, mortgages, or other encumbrances on the property.

2. *Physical Description:*

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the lands, including existing mine workings. Describe all production facilities.

(b) State your interest, if any, in operations stated in 2*(a)*.

(c) State, as far as you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves on the property giving quantities and grades and sampling methods used, supporting your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you may have, indicating on each whether you require its return to you.

3. *Accessibility of Project:*

(a) To aid DMEA representatives who may be required to examine the property, state the name and address of the person who will meet the DMEA representative; give directions for reaching the property; and describe accessibility of the property including the mine workings.

(b) Name the shipping and supply points and places where employees reside and state the distances between them and the property.

4. *The Exploration Project:*

(a) Describe fully the proposed exploration project giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and longitudinal and cross sections as necessary. Show the location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *property boundaries* or to the closest identifiable corner.

(b) If an access road to the project must be built, show the location on the property map and state the length, type, and construction methods proposed.

(c) In the event that an exploration contract with DMEA is executed, how soon will the work start and how many months will be required to complete it? State your anticipated average daily or monthly rate of progress for each type of work.

5. *Experience:*

State your operating experience and background with relation to your ability to carry out this exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of Costs:*

Furnish detailed estimates of the costs *for each item of the work proposed in 4(a)* under the headings listed below with a total for each heading and the estimated total cost of the project. Costs for any work to be performed by an independent contractor should be shown separately under category *(a)* below. Costs for any work that is not to be performed by an independent contractor should be given in detail under categories *(b)* through *(g)*.

(a) Independent contracts. State the cost of any proposed independent contract for the performance of all or any part of the work, expressed in units of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. *(Note* – If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. For necessary supervision, engineering and geological services, and labor, include an itemized schedule of numbers, classes, rates of wages, salaries or fees, and periods of employment. State whether these technicians and employees are available.

(c) Operating materials and supplies. List items of material and supplies with their cost. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of operating equipment to be used giving specifications and indicating how each item is to be acquired – i.e., rented, purchased, or provided by the applicant. If it is rented or purchased, state the estimated rental or purchase price. If it is to be furnished by the applicant, give its present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of necessary *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant, which will be used on the exploration project.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration project stating specifications and cost including labor, materials and supervision.

(g) Miscellaneous. For the operating equipment listed in 6*(d)*, describe the type and estimate the cost of repairs and maintenance expected during project operations. Do not repeat initial repairs listed in 6*(e)*. Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories.

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)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order–I, Revised.

(b) Explain to what extent you propose to furnish your share of the costs by providing money, by use of equipment owned by you, or otherwise.

* * * * *

INT.-DUP. SEC., WASH., D.C. 25960

1(a) BEGINNING on a stake on the side of the mountain above the middle ford of Bolens Creek said stake being south 63 degrees east 207.5 feet from the center of the workings of the Silvers Mine, and running thence from the point of beginning south 27 degrees west 210 feet up the mountain to a stake; thence north 63 degrees west 415 feet across the side of the mountain to a stake; thence north 27 degrees east 420 feet down the mountain to a stake; thence south 63 degrees east 415 feet across the mountain to a stake; thence south 27 degrees west 210 feet up the mountain to the point of BEGINNING, containing 4 acres, and being a 4 acre tract within the Ray boundary.
(b) Silvers Mine.
(c) Lessee
(d) None known to applicant.

2(a) Vein has been worked about 20 feet previously. See attached sketch.
(b) None.
(c) About 10 years ago some production of green mica from the mine.
(d) From all appearances the prospects are excellent.
(e) Vein.
(f) From appearances of vein and knowledge of mica production
(g) Sketch attached hereto.

3.(a)Amos Presnell, Burnsville, N. C.-Property located on Bowlens Creek about 5 miles from Burnsville, North Carolina.
(b) Burnsville, N. C.

4. (a) Propose to do 80 feet of shafting and 80 feet of heading, drifting or cross cutting.
(b) Shown on sketch.
(c) Begin within 30 days and be completed within 90 days thereafter.

5. About 10 years experience in mica mining.

6. Estimate of Costs:

Bull dozing	$400.00
Hoist & Tool shed	150.00
Dynamite	1050.00
Electric Caps	400.00
Labor :	
4 hands @ $1.25 per hr. 90 days	3600.00
Drill Steel	200.00
Gas & Oil	600.00
Repairs & Other Expenses	500.00
TOTAL	$6900.00

7.(a) Yes
(b) Equipment

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 5 1958
DATE INITIAL CODE

STATE OF NORTH CAROLINA

COUNTY OF YANCEY

This LEASE made this the 16th day of May, 1958, by G. C. HUNTER, executor of the estate of Mr. J. A. Higgins; MRS PANSY RAY, a widow; DOVER R. FOUTS, Executor of the estate of Charles F. Byrd; NU-WRAY, INC., a corporation, all of the County of Yancey and State of North Carolina; and MRS RUBY MAE RAY, a widow of the County of Walla Walla and State of Washington, hereinafter referred to as parties of the first part, to MINERALS DEVELOPMENT COMPANY, INC., a North Carolina Corporation with Burnsville, North Carolina, as its principal place of business, hereinafter referred to as party of the second part.

W I T N E S S E T H :

THAT FOR AND IN CONSIDERATION of the sum of $1.00 in hand paid by the party of the second part to the parties of the first part, the receipt of which is hereby acknowledged, and the further consideration of full compliance with the agreements hereinafter set forth, the parties of the first part have bargained and leased and do by these presents bargain and lease unto the party of the second part, the exclusive right and privilege of mining and removing minerals from that tract or parcel of land situate in Burnsville Township, County of Yancey, State of North Carolina, on what is known as the G. D. Ray Boundary and being described as follows:

> BEGINNING on a stake on the side of the mountain above the middle ford of Bolens Creek said stake being South 63° East 207.5 feet from the center of the workings of the Silvers Mine, and running thence from the point of beginning South 27° West 210 feet up the mountain to a stake; thence North 63° West 415 feet across the side of the mountain to a stake; thence North 27° East 420 feet down the mountain to a stake; thence South 63° East 415 feet across the mountain to a stake; thence South 27° West 210 feet up the mountain to the point of BEGINNING, containing 4 acres, and being a 4 acre tract within the Ray Boundary.

The terms and conditions of this Lease are as follows:

1. TERM: This Lease shall be for a period of five (5) years from this date with privilege of renewal for an additional five (5) years.

2. RIGHTS CONVEYED: Full mining rights and privileges, including the right of ingress, egress and regress, right to construct road ways, flume lines, power lines, tram roads; erection of machinery and buildings and the use of timber on said property, except such timber as would make saw timber, is hereby granted.

LEASE AGREEMENT

THIS LEASE made this [illegible] day of [illegible], 19[illegible], between [illegible] of the estate of [illegible] Higgins, late Harry [illegible], a widow; [illegible] E. FORT, Executor of the estate of Charles [illegible] Fort, INC., a corporation, all of the County of Lenoir and State of North Carolina and [illegible] Hall, a widow of the County of [illegible] and State of Washington, hereinafter referred to as parties of the first part, to HERBERT DUNLAP [illegible] COMPANY, INC., a North Carolina Corporation with [illegible], North Carolina, as the attorney-in-fact [illegible], hereinafter referred to as party of the second part.

WITNESSETH:

THAT FOR AND IN CONSIDERATION of the sum of $1.00 in hand paid by the party of the second part to the parties of the first part, the receipt of which is hereby acknowledged, and the further consideration of full compliance with the covenants hereinafter set forth, the parties of the first part have bargained and leased and do by these presents bargain and lease unto the party of the second part, the exclusive rights and privilege of mining and removing marble from that tract or parcel of land situate in Dunnsville Township, County of Lenoir, State of North Carolina, or what is known as the [illegible] Quarry and being described as follows:

> BEGINNING on a stake on the side of the mountain above the Atlantic Coast Line Grade and stake being South 60° East 2[illegible].5 feet from the corner of the workings of the Atlantic Mines and running thence from the point of beginning South 1[illegible]° West 210 feet up the mountain to a stake; thence South 85° West 41[illegible] feet across the face of the mountain to a stake; thence North 17° West 4[illegible] feet down the mountain to a stake; thence South 85° East 45 feet across the mountain to a stake; thence South 70° East 110 feet up the mountain to the point of BEGINNING, containing 4 acres, and being a 4 acre tract adjoining the Ray Property.

The terms and conditions of this lease are as follows:

1. TERM: This lease shall be for a period of five (5) years from this date with privilege of renewal for an additional five (5) years.

2. RIGHTS GRANTED: Full mining rights and privileges, including the right of ingress, egress and egress, right to construct road ways, [illegible] lines, power lines, pipe works, erection of machinery and facilities and the removal thereof on said property, except such [illegible] as may be [illegible] necessary [illegible]

3. ROYALTY: The royalty to be paid shall be one-eighth (1/8) of the sale price of all mica mined and removed from said property; 50¢ per ton for all feldspar mined and removed from said property; and for all other minerals mined and removed from said property the usual and customary royalty prevailing in Yancey County, North Carolina, shall be paid.

4. TIME OF PAYMENT: Royalty shall be paid after each sale and duplicate sales slips shall be furnished to the parties of the first part showing the amount of minerals sold and the price obtained therefor.

5. RIGHT OF INSPECTION: The parties of the first part, their successors, assigns or agents, shall have the right at all times to inspect the property herein leased and shall likewise have the right and privilege to examine any records pertaining to the production and sale of any minerals from said property.

6. METHODS OF MINING: The parties of the second part shall carry on mining operations by approved methods and upon the surrender or abandonment of this Lease shall leave the mine or openings thereof in a reasonably clean and safe condition and no operations shall be conducted on said property which are commonly known in mining parlance as "ground hogging".

7. CESSATION OF MINING OPERATIONS: Mining operations shall begin on or before August 1st, 1958, and shall continue with reasonable regularity and if mining operations cease for a period of sixty (60) days, then this Lease shall be null and void, unless the cessation of mining operations is caused by weather conditions or other conditions usually termed Acts of God.

8. BREACH OF LEASE: If the party of the second part fails to comply with any of the conditions or provisions of the Lease, then said Lease shall be null and void and all the rights granted hereunder shall cease. And the parties of the first part, their successors or assigns, may re-enter the said property without any action at law to declare said Lease void. However, upon said Lease becoming null and void the party of the second part may have forty-five (45) days within which to remove any machinery from said property.

IN TESTIMONY WHEREOF, this Lease has been executed in duplicate in the way and manner hereinafter indicated by the affixing of hands and seals as of the day and year first above written.

[illegible]

[illegible]

[illegible]

G. C. Hunter (SEAL)
G. C. HUNTER, EXECUTOR

Mrs Pansy Ray (SEAL)
MRS. PANSY RAY

Dover R. Fouts (SEAL)
DOVER R. FOUTS, EXECUTOR

Mrs Ruby Mae Ray (SEAL)
MRS. RUBY MAE RAY

NU-WRAY, INC.

By Mrs Julia Wray
PRESIDENT

ATTEST:
Rush T. Wray
SECRETARY

MINERALS DEVELOPMENT COMPANY, INC.

Amos Fressell
VICE-PRESIDENT

ATTEST:
Vincent Westall
SECRETARY

STATE OF NORTH CAROLINA

COUNTY OF YANCEY

Personally came before me this day G. C. Hunter, Executor of the estate of Mr. J. A. Higgins, Mrs. Pansy Ray, and Dover R. Fouts, Executor of the estate of Charles F. Byrd, to me well known to be a part of the persons who signed the foregoing Lease and who acknowledged the due execution of said instrument by themselves for the purposes therein expressed.

Witness my hand and Notarial Seal this the 30 day of May, 1958.

H M Angel
NOTARY PUBLIC

My commission expires the 5 day of April, 1959.

STATE OF NORTH CAROLINA

COUNTY OF YANCEY

Personally came before me this day Mrs. Julia Wray, who, being first sworn, says:

That she is President of Nu-Wray, Inc., one of the Grantors in the

(SEAL)

(SEAL)

(SEAL)

(SEAL)

ATTEST:

SECRETARY

MIDLAND DEVELOPMENT CO. ANT, INC.

VICE-PRESIDENT

ATTEST:

SECRETARY

STATE OF NORTH CAROLINA

COUNTY OF WAKE

Personally came before me this day G. E. Turner, Secretary of the estate of Mr. A. M. Higgins, Sen., Mary Ann, and Doyle M. Jones, Trustee of the estate of Charles T. Byrd, to me well known to be a part of the persons named the foregoing instrument and who acknowledged the execution of said instrument by themselves for the purposes therein mentioned.

Witness my hand and notarial seal this the ____ day of May, 1969.

NOTARY PUBLIC

My commission expires the ____ day of _____, 19__.

STATE OF NORTH CAROLINA

COUNTY OF WAKE

Personally came before me this day Mrs. Julia Gray, who, being first duly sworn, says:

That she is Treasurer of Interest, Inc., one of the trustees in the

foregoing Lease, and that Rush Wray is Secretary of said Corporation; that she knows the corporate seal of said Corporation; and that she, the said Julia Wray, signed said instrument as President of said Corporation and Rush Wray signed said instrument as Secretary in attestation thereof and he, the said Rush Wray, affixed the corporate seal to said instrument in the presence of said President and that said instrument is act and deed of said Corporation and the execution thereof was duly authorized by the Board of Directors duly given.

Witness my hand and Notarial Seal this the 30 day of May, 1958.

D M Owen
NOTARY PUBLIC

My commission expires the 5 day of April, 1959.

STATE OF WASHINGTON

COUNTY OF WALLA WALLA

Personally came before me this day Mrs. Ruby Mae Ray, to me well known to be one of the persons who signed the foregoing Lease and who acknowledged the due execution of said instrument by herself for the purposes therein expressed.

Witness my hand and Notarial Seal this the 22 day of May, 1958.

Iris Sundstrom
NOTARY PUBLIC

My commission expires the 4 day of October, 19~~58~~ 61.

STATE OF NORTH CAROLINA

COUNTY OF YANCEY

Personally came before me this day Amos Presnell, who, being first duly sworn, says:

That he is Vice-President of Minerals Development Company, Inc., one of the Grantors in the foregoing Lease, and that Vincent Westall is Secretary-Treasurer of said Corporation; that he knows the Corporate Seal of said Corporation; and that he, the said Amos Presnell, signed said instrument as Vice-President of said Corporation and Vincent Westall signed said instrument as Secretary-Treasurer in attestation thereof and he, the said Vincent Westall, affixed the corporate seal to said instrument in the presence of said Vice-President and that said instrument is act and deed of said Corporation and the execution thereof was daly authorized by the Board of Directors duly given.

[illegible]

[illegible]

[illegible]

Witness my hand and Notarial Seal this the _____ day of May, 1958.

_____
NOTARY PUBLIC

My commission expires the _____ day of _____, 19____.

Witness my hand and notarial seal this the _____ day of July, 1994.

_____
NOTARY PUBLIC

My commission expires the _____ day of _____, 19____.

NAME

			RUN / STOP
~~Mr. Batten~~ ~~Room 4443~~	RUN / STOP	Mr. Ellis Room 4443, Int.	RUN / STOP
~~[illegible]~~	RUN / STOP	~~Mr. Killgoord~~ ~~Room 5228~~	RUN / STOP
~~[illegible]~~	RUN / STOP	Mr. Ellis Room 4443, Interior	RUN / STOP
~~Mr. E. [illegible]~~ ~~Room [illegible] 2a.~~	RUN / STOP		RUN / STOP
~~BUDGET AND FINANCE BRANCH FINANCE SECTION~~ ~~[illegible]~~	RUN / STOP		RUN / STOP
~~[illegible]~~ ~~Room 4214 Int.~~	RUN / STOP		RUN / STOP
~~Mr. Roberts~~ ~~Geology~~	RUN / STOP		RUN / STOP
~~Mr. Phil Smith~~	RUN / STOP		RUN / STOP
~~Rm. 5227 - Int.~~	RUN / STOP		RUN / STOP

Use other side first

U. S. GOVERNMENT PRINTING OFFICE : 1951 16—38949a-2

U. S. Government Messenger Envelope

Standard Form No. 65 (Rev. 1/46)

1. Use blocks consecutively, one at a time.
2. Void previous block.
3. Write clearly.

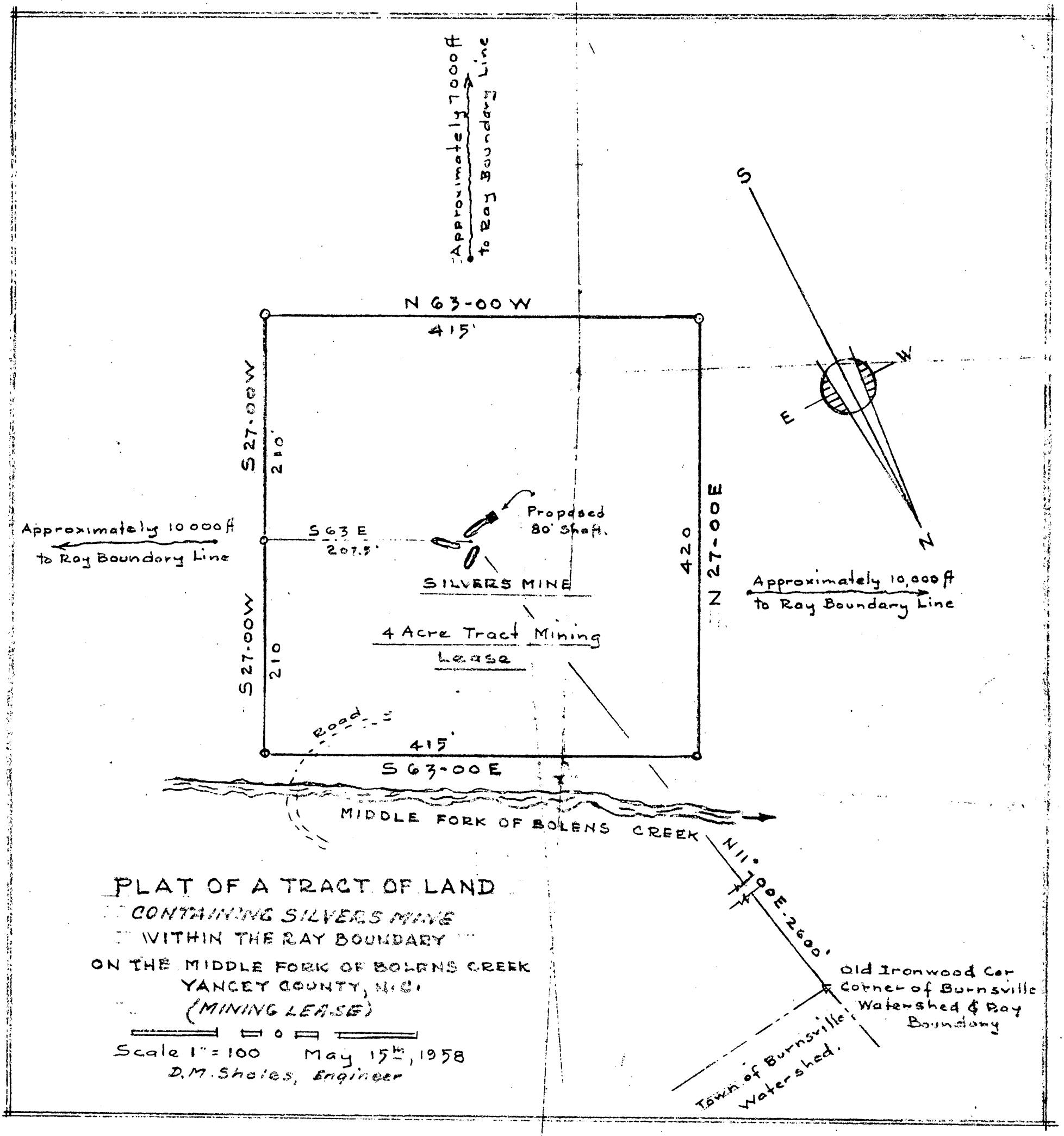
NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM		NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM	
[redacted]	RUN STOP	[redacted]	RUN STOP
AG Supply HQ MDW Room 312, Bldg T-7 (Attn: Mrs. Daugherty)	RUN STOP	Mr. Snyder Room 2224 G S A Bldg.	RUN STOP
WASHINGTON FINANCE OFFICE US ARMY TEMPO "C" 2ND & Q STS., S.W. WASHINGTON 25, D.C.	RUN STOP	1242-10	RUN STOP
	RUN STOP	Mr Kammerer Room 2230	RUN STOP
Chief of Finance Building T-7 Washington 25, D.C. Attn: Military Personnel Div	RUN STOP	[redacted]	RUN STOP
[redacted]	RUN STOP	Budget & Finance	RUN STOP
[redacted]	RUN STOP	Mrs. Hudson (2)	RUN STOP
FCUSA MILITARY PAY DIV	RUN STOP	[redacted] Personnel	RUN STOP
[redacted] Washington [redacted]	RUN STOP	[redacted] Rm 1328 Federal Bldg	RUN STOP
Army Map Service C of E 6500 Brooks Lane, N.W. Wash 25, D.C. ATTN: FISCAL OFFICER	RUN STOP	M. Pattiff Admin. Clerk	RUN STOP

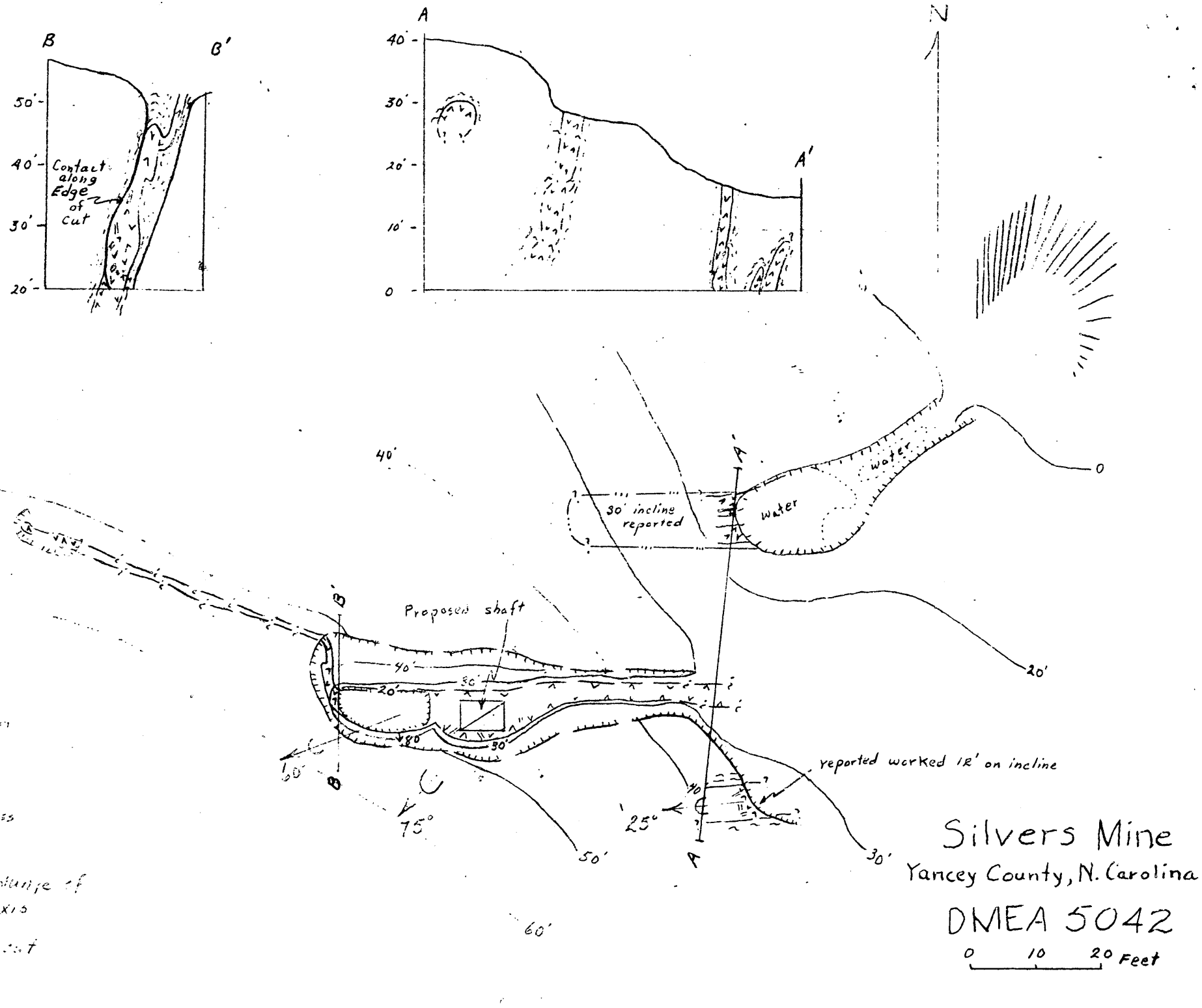
Send surplus envelopes to supply room for reissue.

Use other side

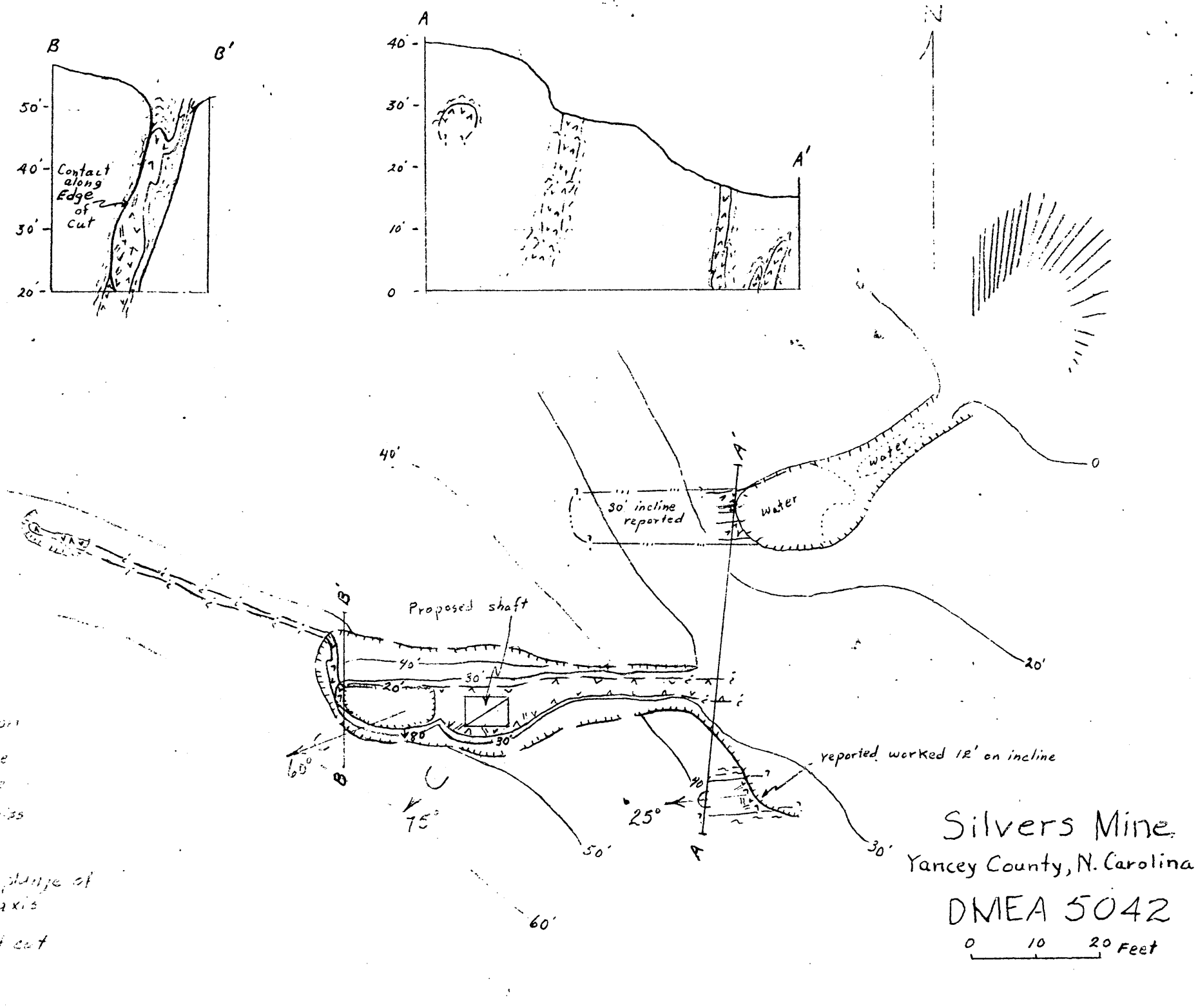
16—38949a-2

Use RUN and STOP only when messenger service between Government buildings in Washington is required. Your mail room has RUN and STOP information.


Approximately 7000 ft to Ray Boundary Line
N 63-00 W
415'
S 27-00 W
210'
Approximately 10 000 ft to Ray Boundary Line
S 63 E
207.5'
Proposed 80' Shaft.
SILVERS MINE
4 Acre Tract Mining Lease
420
N 27-00 E
S 27-00 W
210
Road
415'
S 63-00 E
MIDDLE FORK OF BOLENS CREEK
S
W
E
N
Approximately 10,000 ft to Ray Boundary Line
N 11-00 E 2600'
Old Ironwood Cor Corner of Burnsville Watershed & Ray Boundary
Town of Burnsville Watershed.
PLAT OF A TRACT OF LAND
CONTAINING SILVERS MINE
WITHIN THE RAY BOUNDARY
ON THE MIDDLE FORK OF BOLENS CREEK
YANCEY COUNTY, N.C.
(MINING LEASE)
0
Scale 1" = 100
May 15th, 1958
D.M. Sholes, Engineer


B
B'
50'
40'
30'
20'
Contact along Edge of cut
A
A'
40'
30'
20'
10'
0
N
water
water
30' incline reported
Proposed shaft
80'
reported worked 12' on incline
75°
25°
60'
50'
30'
Exploration
Pegmatite
Muscovite
Mica gneiss
Contact
Strike & dip of roll axis
Edge of cut
Dump
Silvers Mine
Yancey County, N. Carolina
DMEA 5042
0 10 20 Feet

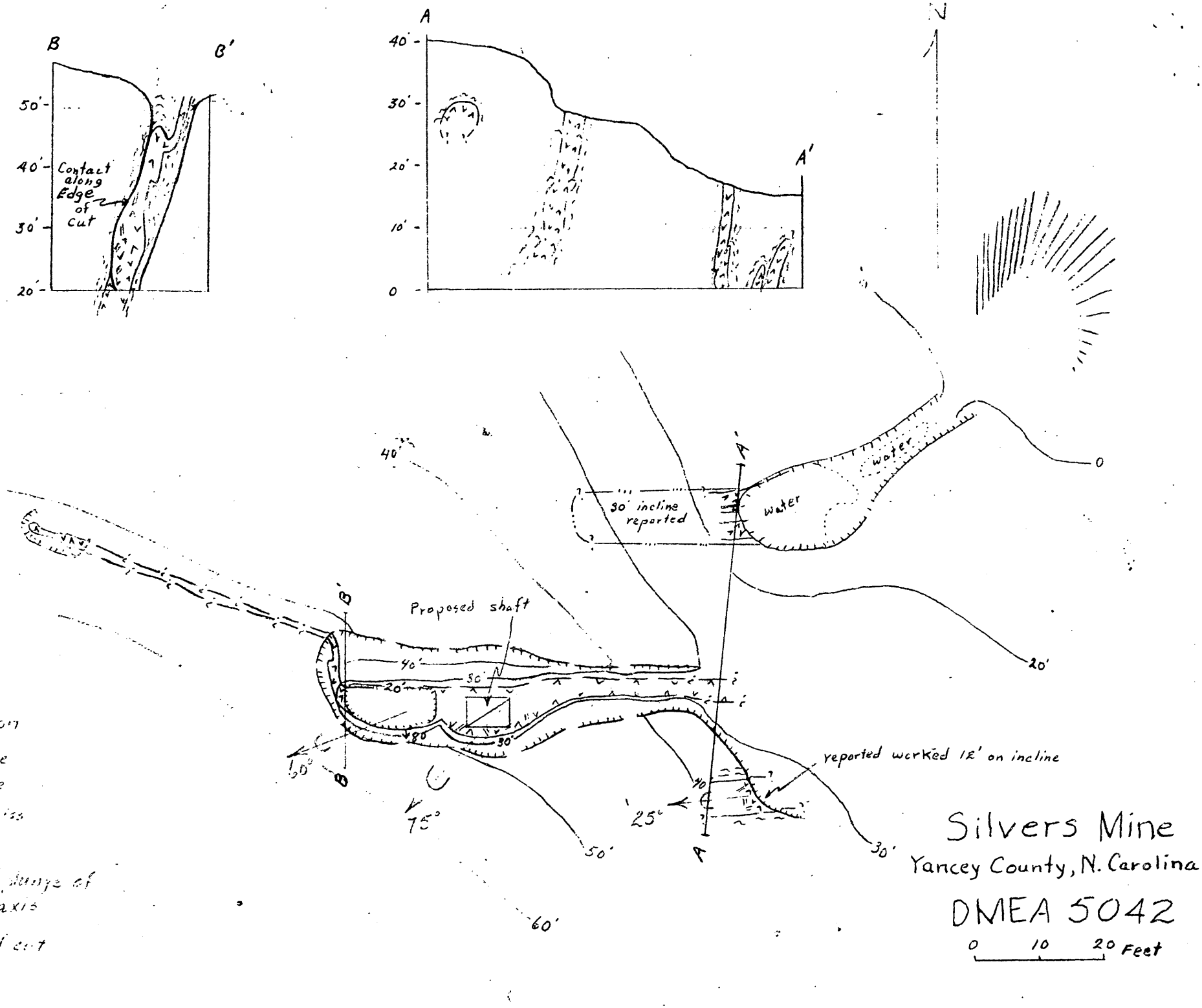
FGL 4/58


B
B'
50'
40'
30'
20'
Contact along Edge of cut
A
A'
40'
30'
20'
10'
0
N
water
water
30' incline reported
Proposed shaft
reported worked 12' on incline
60°
75°
25°
50'
60'
30'
20'
0
Explanation
Pegmatite
Muscovite
Mica gneiss
Contact
Strike & plunge of roll axis
Edge of cut
Dump
Silvers Mine
Yancey County, N. Carolina
DMEA 5042
0 10 20 Feet

FGL 4/58

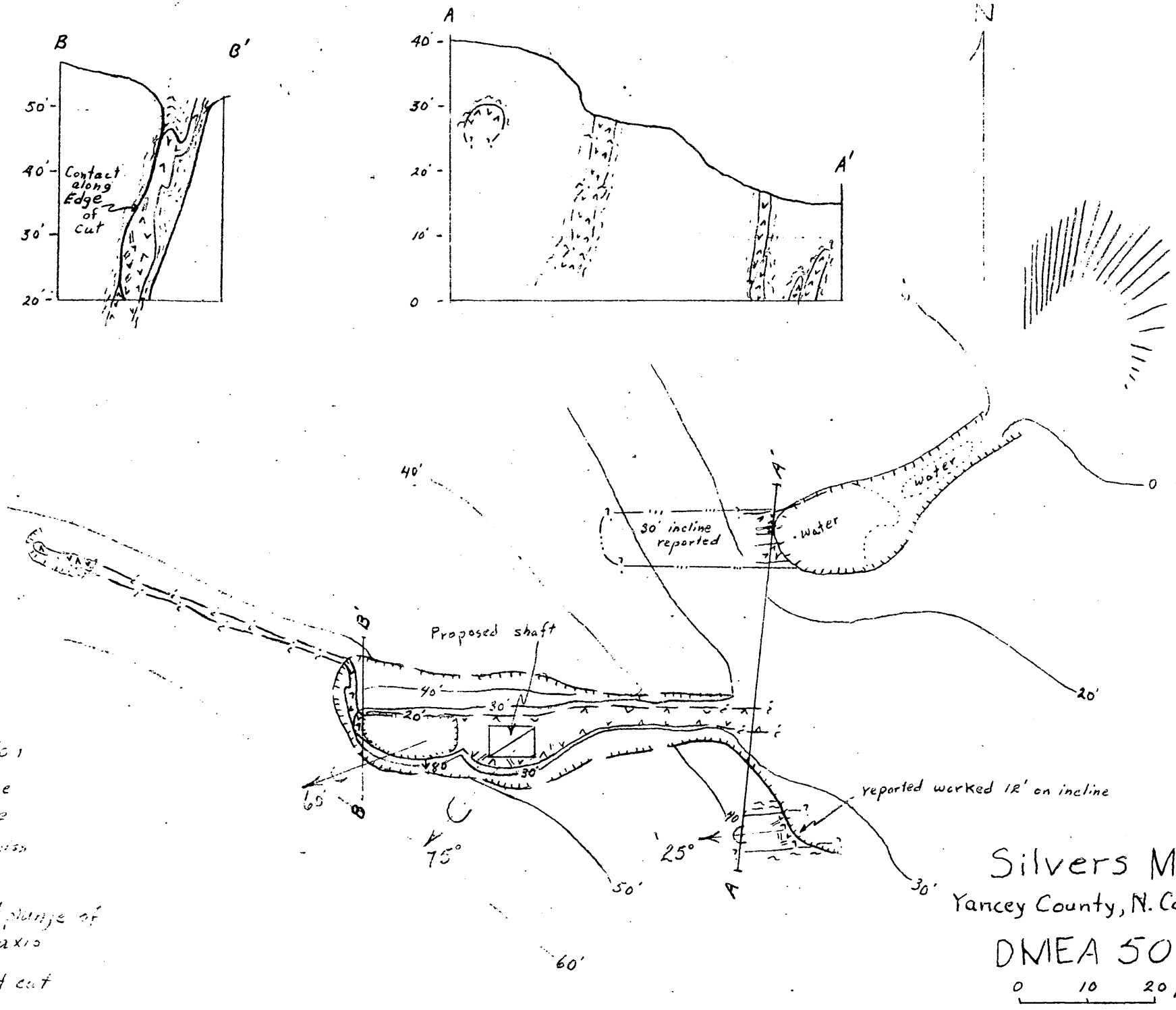
EXTRA COPY
D M E A
RECEIVED JUN 26 1958

DATE	INITIALS	CODE


B
B'
50'
40'
30'
20'
Contact along Edge of cut
A
A'
40'
30'
20'
10'
0
N
water
water
30' incline reported
Proposed shaft
reported worked 12' on incline
60°
75°
25°
Explanation
Pegmatite
Muscovite
Mica gneiss
Contact
Strike & dip of roll axis
Edge of cut
Dump
Silvers Mine
Yancey County, N. Carolina
DMEA 5042
0 10 20 Feet
FGL 4/58

EXTRA COPY
DMEA
RECEIVED JUN 26 1958

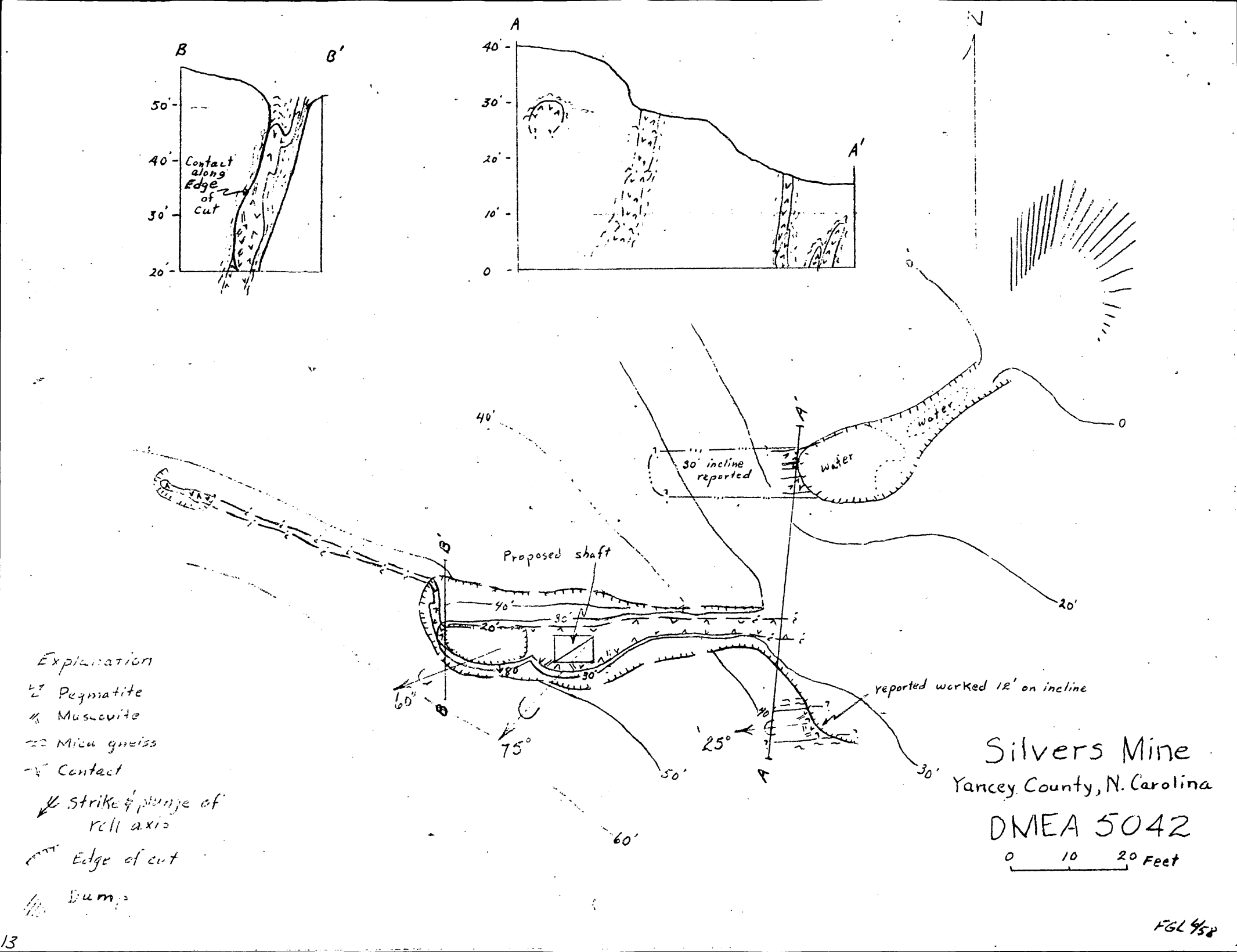
DATE	INITIALS	CODE


B
B'
50'
40'
30'
20'
Contact along Edge of cut
A
A'
40'
30'
20'
10'
0
N
water
water
30' incline reported
Proposed shaft
40'
30'
20'
80
30'
65
75°
25°
reported worked 12' on incline
50'
30'
60'
0
20'
Explanation
Pegmatite
Muscovite
Mica gneiss
Contact
Strike & plunge of roll axis
Edge of cut
Dump
Silvers Mine
Yancey County, N. Carolina
DMEA 5042
0 10 20 Feet

FGL 4/58

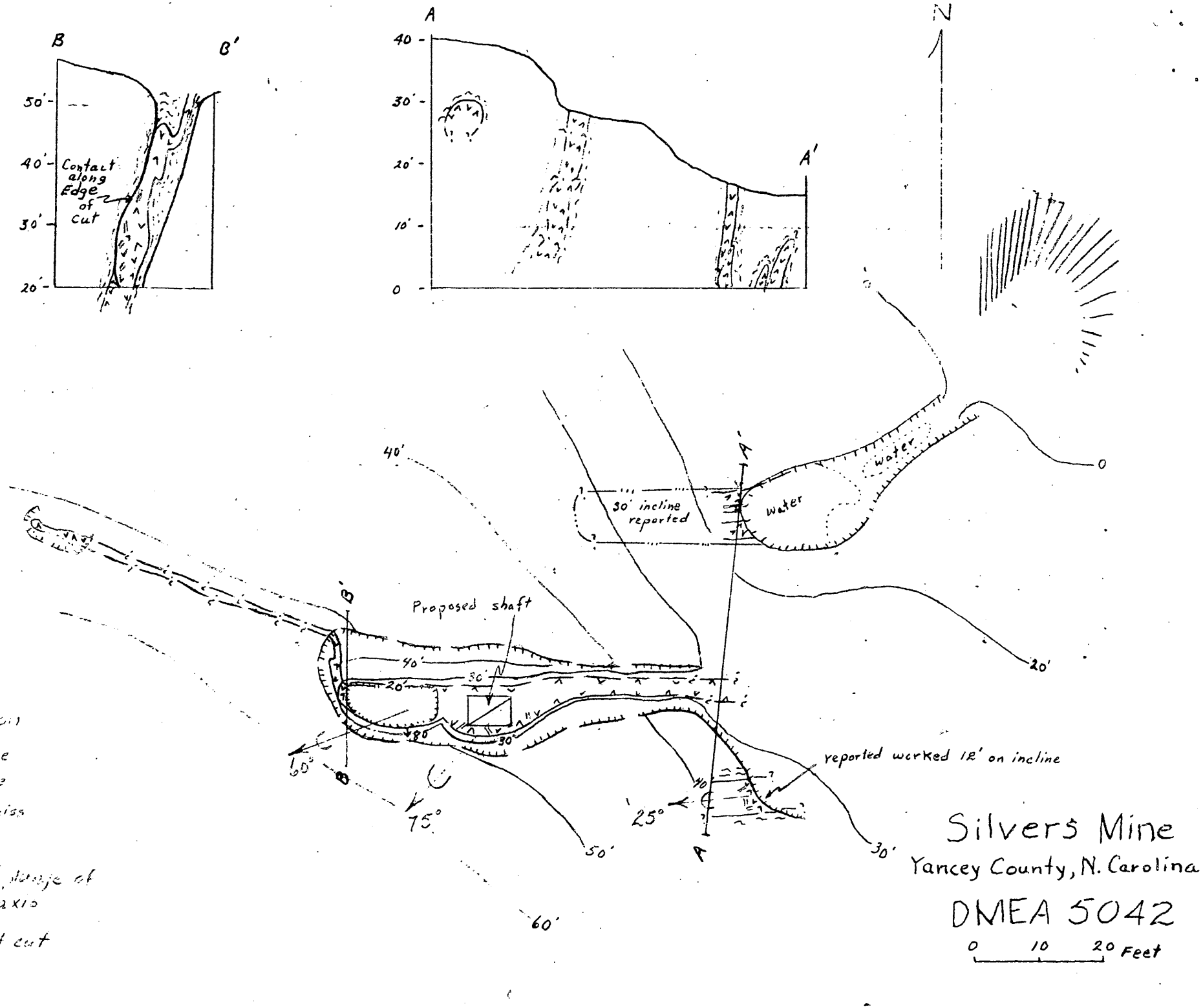
EXTRA COPY
DMEA
RECEIVED JUN 26 1958

DATE	INITIALS	CODE


B
B'
50'
40'
30'
20'
Contact along Edge of cut
A
A'
40'
30'
20'
10'
0
N
0
water
water
30' incline reported
20'
40'
Proposed shaft
40'
30'
20'
80
30'
60'
75°
25°
reported worked 12' on incline
10
50'
30'
60'
Explanation
Pegmatite
Muscovite
Mica gneiss
Contact
Strike & plunge of roll axis
Edge of cut
Dump
Silvers Mine
Yancey County, N. Carolina
DMEA 5042
0 10 20 Feet
FGL 4/58

EXTRA COPY
DMEA
RECEIVED JUN 23 1958

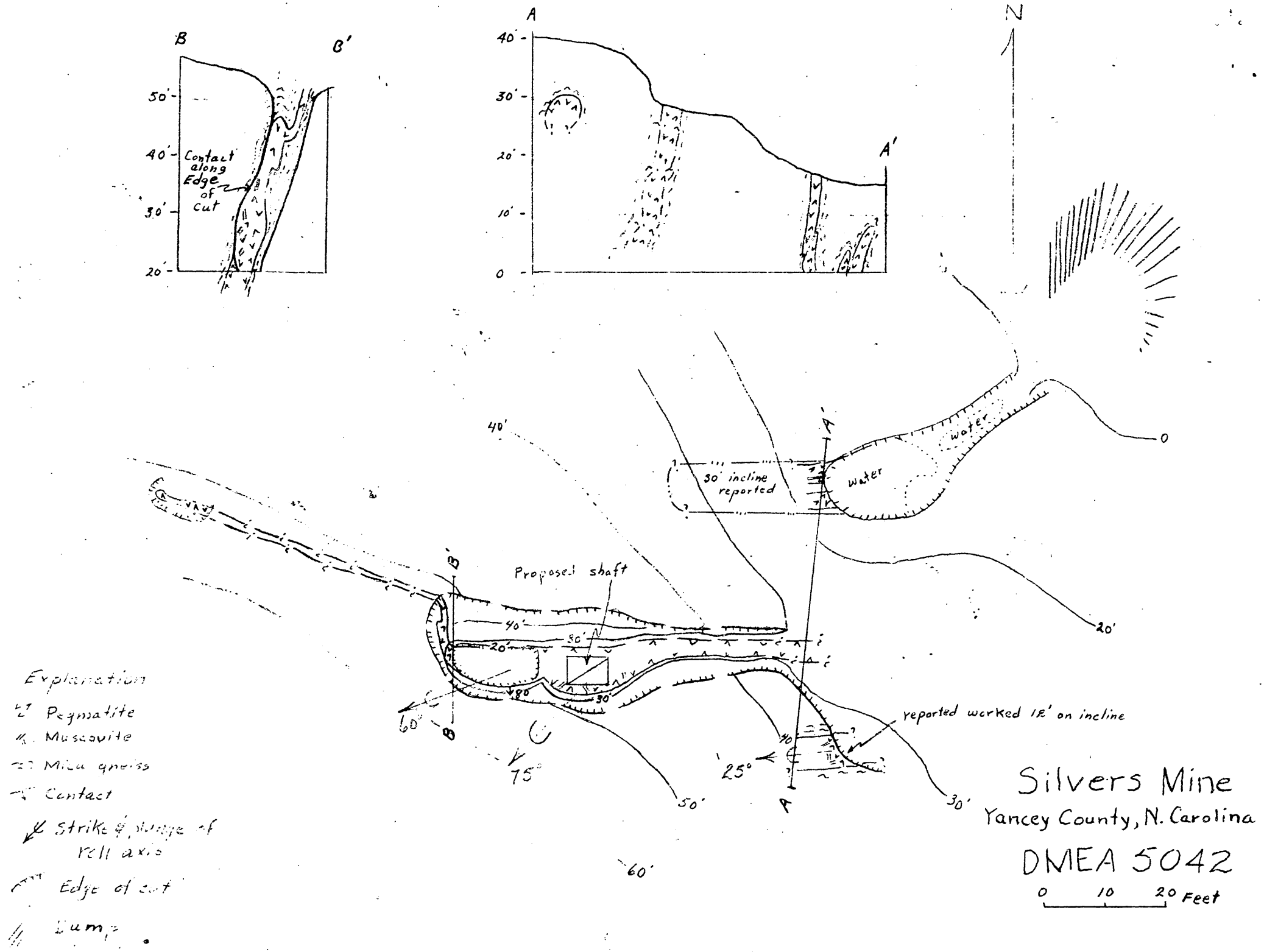
DATE	INITIALS	CODE


B
B'
50'
40'
30'
20'
Contact along Edge of cut
A
A'
40
30'
20'
10'
0
N
water
water
30' incline reported
Proposed shaft
reported worked 12' on incline
60°
75°
25°
50'
60'
30'
20'
0
Explanation
Pegmatite
Muscovite
Mica gneiss
Contact
Strike & dip of roll axis
Edge of cut
Dump
Silvers Mine
Yancey County, N. Carolina
DMEA 5042
0 10 20 Feet

FGL 4/58

EXTRA COPY
DMEA
RECEIVED JUN 23 1958

DATE	INITIALS	CODE

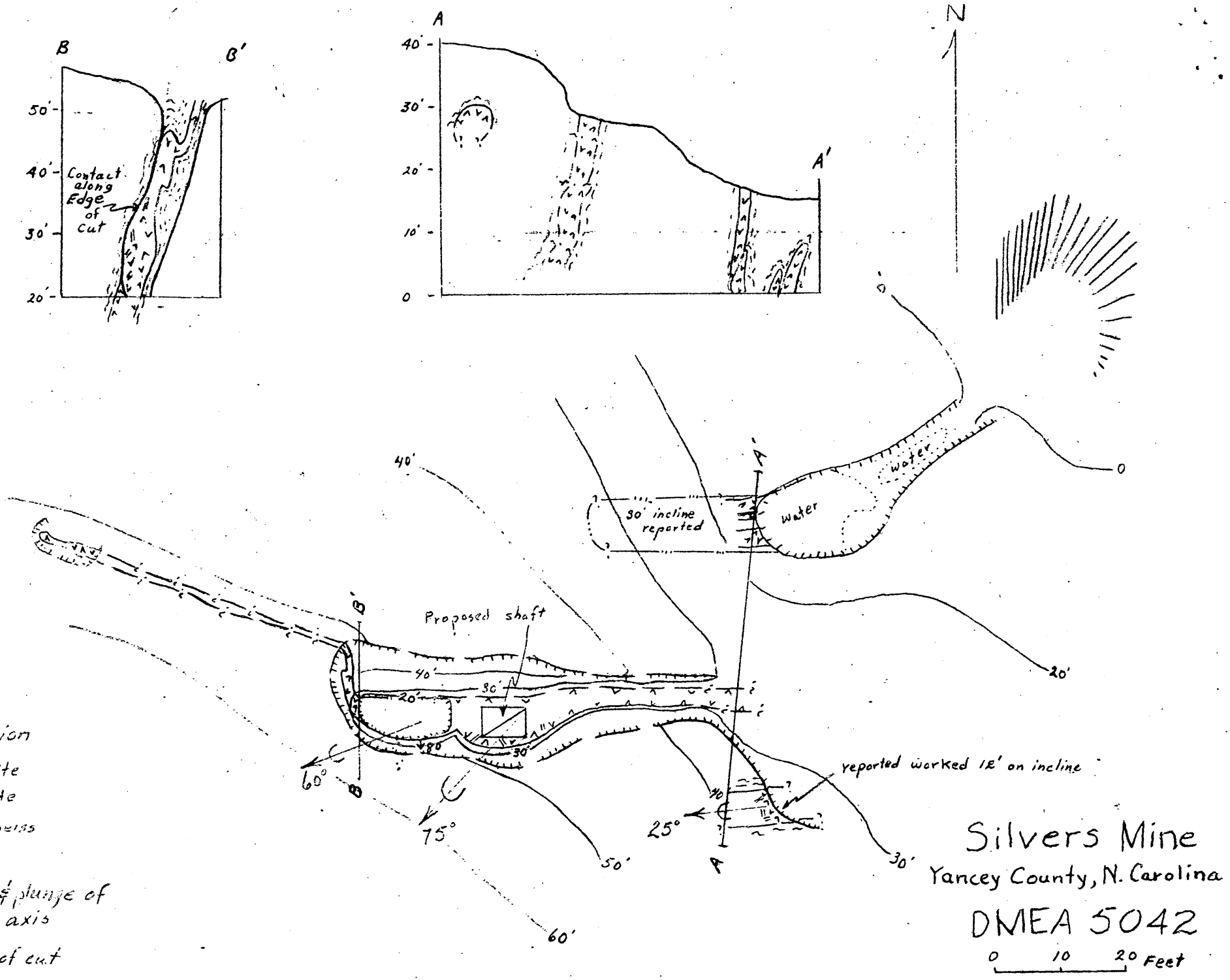

B
B'
50'
40'
30'
20'
Contact along Edge of cut
A
A'
40'
30'
20'
10'
0
N
water
water
30' incline reported
Proposed shaft
reported worked 18' on incline
60°
75°
25°
Explanation
Pegmatite
Muscovite
Mica gneiss
Contact
Strike & plunge of roll axis
Edge of cut
Dump
Silvers Mine
Yancey County, N. Carolina
DMEA 5042
0 10 20 Feet

FGL 4/58

13

EXTRA COPY
DMEA
RECEIVED JUN 2[illegible]58

DATE	INITIALS	CODE


B
B'
50'
40'
30'
20'
Contact along Edge of cut
A
A'
40'
30'
20'
10'
0
N
water
water
30' incline reported
Proposed shaft
40'
30'
20'
80
30'
60°
75°
25°
50'
60'
30'
20'
0
reported worked 12' on incline
Explanation
Pegmatite
Muscovite
Mica gneiss
Contact
Strike & plunge of roll axis
Edge of cut
Dump
Silvers Mine
Yancey County, N. Carolina
DMEA 5042
0 10 20 Feet

FGL 4/58

13

EXTRA COPY
D M E A
RECEIVED JUN 23 1958

DATE	REMARKS	CODE

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
3/25	Houk	600
3/25	Selfridge	1204
		110
4/1	C	220
		600

600

APR 1 1959

Minerals Development Co., Inc.
c/o Mr. Vincent Westall
Burnsville, North Carolina

Re: Docket No. DMEA-5042 (Mica)
Minerals Development Co., Inc.
Silvers Mine
Yancey County, North Carolina

Gentlemen:

Reference is made to our letter of February 24, 1959, forwarding application form MME Form 40, and Lien and Subordination Agreements, MME Form 52, for execution by the Corporation.

We wish to cooperate with you in allowing ample time to complete such action, but, if we do not hear from you within 30 days from the date of this letter, we will assume that you are no longer interested in proceeding with your application, and we will consider it as having been withdrawn.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

LGHouk:gad 3/25/59
Copy to: Dir. R. File
Region V
Mr. Kiilsgaard, USGS
Mr. Dietrich, USBM

No response received to date 4-13-59 gad

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/20	Anderson	600
2/20	Hook	600
2/24	Jeffrey	120
		110
2/25	C	220
		600

600

FEB 24 1959

Mr. Vincent Westall
Minerals Development Co., Inc.
Burnsville, North Carolina

Re: Docket No. DMEA-5042-Mica
Minerals Development Co., Inc.
Silvers Mine
Yancey County, North Carolina

Dear Mr. Westall:

This will acknowledge receipt of your letter of February 18, 1959, replying to our letter of January 29, 1959, and advising that you wish to participate in the OME program.

Please complete and return four copies of the enclosed application form, MME Form 40, as under the new regulations applications on the new form are required. Your attention is called especially to the certification which when signed declares that you would not ordinarily undertake the proposed exploration under current conditions and circumstances at your sole expense, and to Item 1(a) -- and 1(c) if applicable -- which relates to information used to determine your financial eligibility under the new exploration program. Information that is included in your DMEA application need not be repeated in the OME application, but you can add new information if you so desire.

We are returning five copies of the executed Consent to Lien and Subordination Agreement on the old form, and are enclosing six copies of the Lien and Subordination Agreement, MME Form 52, referred to in Item 2(c) of the application for execution.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

Enclosures 15

WCAnderson:gad 2/20/59
Copy to: Dir. R. File
Region V
Mr. Kiilsgaard
Mr. Dietrich

8623

OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 19 1959

DATE	INITIALS	CODE
2/19	J. J.	325
2/19	Cook	600

Burnsville, N. C.
February 18, 1959

Mr. Frank E. Johnson, Acting Director
United States Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-5042-Mica
Minerals Development Co., Inc.
Silvers Mine
Yancey County, North Carolina

Dear Mr. Johnson:

Your letter of January 29, 1959 written to Mr. E. M. Fredric has been referred to me as Mr. Fredric is no longer with our Corporation.

We are still very much interested in obtaining a loan on the above named mine, and it is our understanding that these forms along with a map and description of the property were sent to you/or the Knoxville office several months ago. However, if you do not have these forms please let us know and we shall be glad to complete same and return to you immediately.

At the present time the four acres are all that is available, but within the next six months we might be able to lease a larger tract.

Yours very truly,

Vincent Westall

Vincent Westall
Minerals Development Co.

VW
rs

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Washington 25, D. C.

January 31, 1959

Memorandum for Docket

Subject: Withdrawal of Pending DMEA Applications

Effective this date, this pending DMEA application is considered withdrawn for statistical purposes.

If, at a later date, the applicant requests reconsideration under the OME program, all pertinent material in the DMEA file should be transferred to the new OME docket.

Frank E. Johnson
Acting Director

Probably had many, moved
due to extend machine 40', and
then cannot - or extend machine
and ask elevating the crossbeam
Red we work on this drew before

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/16	Anderson	600
1/19	Houk	600
1/22	Selfridge	120
		~~110~~
1/29	C	220
		600

600

JAN 29 1959

Mr. E. M. Fredric, President
Minerals Development Co., Inc.
Burnsville, North Carolina

Re: Docket No. DMEA-5042-Mica
Minerals Development Co., Inc.
Silvers Mine
Yancey County, North Carolina

Dear Mr. Fredric:

Enclosed is a copy of the regulations for obtaining Federal assistance in financing mineral exploration under which the new Office of Minerals Exploration will operate.

If you wish that your partly processed DMEA application be considered under the OME regulations, please complete and return four of the copies of the attached application, MME Form 40.

Your attention is called especially to the certification which when signed declares that you would not ordinarily undertake the proposed exploration under current conditions and circumstances at your sole expense, and to Item 1(a) -- and 1(c) if applicable -- which relates to information used to determine your financial eligibility under the new exploration program. Information that is included in your DMEA application need not be repeated in the OME application, but you can add new information if you so desire.

The subject property consists of only four acres. While this acreage would be considered adequate under certain conditions, we would prefer a larger tract. If it is possible we would appreciate additional acreage to explore the Silvers Mine. Please provide a map and the metes and bounds description of the bounding property.

Also enclosed are six copies of the Lien and Subordination Agreements, MME Form 52, referred to in Item 2(c) of the application. Early submittal of five completed copies of the form will save time in case you apply for exploration assistance under the OME program and a contract is granted.

If you do not wish to participate in the OME program, we shall appreciate being so informed.

Sincerely yours,

Frank E. Johnson

Acting Director

WCAnderson:gad 1/16/59

Copy to: Dir. R. File
Region V
Mr. Kiilsgaard
Mr. Dietrich
Mr. Houk

Enclosures

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
9/19	Anderson	600
" "	[illegible]	100
		220

SEP 19 1958

Mr. E. M. Fredric, President
Minerals Development Co., Inc.
Burnsville
North Carolina

Re: Docket No. DMEA-5042 (Green Mica)

Dear Mr. Fredric,

As you have an application for exploration aid pending in our office, perhaps you may wish to study the proposed OME regulations and comment on them before October 17 as provided in the first paragraph of the enclosed notice reprinted from the Federal Register of Sept. 17.

Some time after October 17 when the final regulations become effective, we will send you the new application form so you may furnish any additional information necessary to process your application for aid under the new program.

C. D. Mitendorf

ACTING Director

ASDakan:gjb
Sept. 19, 1958
Copy to: Docket
Dir. R. File
Field Team (2)

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/18	Houk	600
7/18	Martin	130
7/18	Lamb	130
7/18	Wilson	130
"	Johnson	110
"	Mittendorf	~~100~~ 220

600

JUL 18 1958

Minerals Development Co., Inc.

Burnsville, North Carolina

Re: Docket No. DMEA-5042-Mica
Minerals Development Co., Inc.
Silvers Mine
Yancey County, North Carolina

Gentlemen:

Early in June we sent you the Department of the Interior Information Service Release dated June 6th which announced that no new Defense Minerals Exploration Administration contracts could be executed after June 30th because of the ending of the present program for exploration assistance.

We regret to inform you that your application, identified above, could not be completely processed before June 30th because it was received too late.

However, we will be glad to hold your application until the Congress acts on pending legislation to continue exploration aid. If the aid is continued, we will then ask you to state whether you wish us to consider your application under regulations established for the new program.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

LGHouk:rsi 7/17/58
Copy to: Admr. R. File
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

IN REPLY REFER TO:

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

July 3, 1958
Re: DMEA 5042
Minerals Development Co., Inc.
Silvers Mine
Yancey County, N. C.
Appl. Est. $6,900
Rec'd Est. $8,603.50 Mica

Memorandum

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

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team Report

The applicant requested assistance in exploring for green mica in a 'vein' by shaft sinking 80 feet and drifting or crosscutting 80 feet.

The examiners found 4 pegmatites had been exposed in 2 open cuts and a prospect pit. The pegmatite in the larger cut ranges from 1 to 11 feet thick and contains 5 to 10 percent muscovite in books up to 6 x 12 inches. The mica appears to be concentrated in southwest-plunging rolls in the hanging wall of the pegmatite.

The examiners recommend a 60-foot shaft and 140 feet of drifting and crosscutting. I concur with the recommendation.

N. E. Nelson

N. E. Nelson

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 7 1958

DATE	INITIALS	CODE
7/7	B	220
7/7	Houk	600

Official

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

July 1, 1958

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-5042 (mica)

Applicant: Minerals Development Co.

Name and Location of Property: Silvers Mine, Yancey County, N. C.

Date of Field Team Report: 6/24/58

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 6/30/58

Field Team Recommendation: Recommend that exploration assistance be granted.

Comments:

1. One of four pegmatite bodies cut by a trench ranges from 1 to 11 feet thick and contains 5 to 10 percent muscovite in books up to 6 x 12 inches.

2. This deposit appears to have possibilities for the development of strategic mica.

3. Proposed exploration outlined by the field team is consistent with good engineering practices and estimated costs are in line with other DMEA projects.

Recommendation:

I concur with the recommendation of the field team for DMEA assistance in exploration work on this prospect as outlined in the field examiners report.

W. F. Dietrich

W. F. Dietrich

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

June 24, 1958

DMEA		
6/26	C	220
6/30	[illegible]	130
6/30	C	220
7/1	[illegible]	600

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville, Tennessee

Subject: Field Examination Report - DMEA-5042 (mica)
Minerals Development Co., Inc. Burnsville, N.C.
Silvers Mine, Yancey County, N. C.

Transmitted are the orginal and two copies of the subject examination report with 8 extra copies of the map attached.

The Field Team agrees with the recommendation of the Examiners as set forth in their report.

Robert A. Laurence

Robert A. Laurence
Executive Officer, DMEA-Reg.V

V. J. Lynch, Member
Bureau of Mines

On-Site Exam Rpt

Reviewed by
DMEA OPERATING COMMITTEE
6-30-58
(date)

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 26 1958

DATE		CODE
6/30	HB	130
		220

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT
REGION V

DMEA-5042 (mica) SILVERS MINE
Yancey County, North Carolina

F. G. Lesure, Geologist
Geological Survey (DMEA)

S. A. Feitler, Mining Engineer
Bureau of Mines (DMEA)

June 24, 1958

Reviewed by
DMEA OPERATING COMMITTEE
6-30-58
(date)

DMEA
FIELD EXAMINATION REPORT
ON

DMEA-5042, (mica) SILVERS MINE
Yancey County, N. C.

Applicant: Minerals Development Co., Inc. Burnsville, N.C.

SUMMARY

Four pegmatite bodies have been exposed in two open cuts and a prospect pit. Pegmatite in the larger cut ranges from 1 to 11 feet thick and contains 5 to 10 per cent muscovite in books up to 6-inches by 12 inches. Muscovite is apparently concentrated along the hanging wall in large southwest-plunging rolls. It is recommended that exploration assistance be granted.

INTRODUCTION

Location: The Silvers mine is on the steep north slope of a northern spur of Grassy Knob Ridge, about 1.95 miles S 63°E of BM-LHT-825 at Vixen post office, Yancey County, North Carolina (Black Brothers N. C. Quad. TVA 1:24,000). The mine is south of and above the S. W. Presnell mine (DMEA-2790) near the head of Bowlens Creek. There is no access to the mine but a very rough road 2.6 miles long lead from the Bowlens Creek road up past the Balsam mine to the Presnell mine. The last few hundred feet to the mine is by a poorly defined trail up a steep rocky slope.

Examination: The examination of the Silvers mine was made June 4, 1958 and lasted three hours. Messrs. Amos Presnell, Stanley Presnell, Bascom Bennett, and Jack Banks accompanied the Examiners.

History: The Silvers mine consists of two open cuts, an incline and one prospect pit. The large open cut is 80 feet long, 4 to 15 feet wide, and 30 feet deep. Northeast of it there is a second

open cut about 40 feet long and 14 feet wide. At the west end of this cut an incline is reported to have been sunk 30 feet long at -20°. Fifty feet northwest of the large cut is a small prospect pit. The large open cut was made in the late 19th century; the northern cut and incline was made by Amos Presnell in 1943; and the small cut to the west plus some prospecting in the large cut was done sometime during the present buying program.

There are no buildings or equipment on the property. The steep slope down to the road near the Presnell (Presley) mine makes it awkward to bring in equipment. This slope is too steep and rocky to permit road building at reasonable cost. The Applicants state that an access road can be made quickly and cheaply along an old trail up the ridge along the south bank of Bowlens Creek.

GEOLOGY

Four pegmatite bodies have been worked at the Silvers mine. In the large open cut an irregular pinching and swelling pegmatite body has been worked along strike for 60 feet and to a depth of 30 feet. The prospect pit to the west of the large cut exposes pegmatite 1 to 2 feet thick which is probably the tail end of the same body. In the face of the cut the pegmatite is 1 to 5 feet thick but it swells to 11 feet in the two barrel-shaped rolls in the west half of the cut. The pegmatite is a mixture of coarse-grained plagioclase, quartz, and muscovite with fine-grained accessory garnet. Muscovite, which forms 5 to 10 percent of the

material, occurs in books averaging 4 x 5 inches. Near the bottom of the water hole about 15 feet east of the face one 6 x 12 inch book of muscovite is exposed. The mica is non-ruby of good quality. It is reported that the muscovite was concentrated along the rolls in the hanging wall of the pegmatite. The axes of these rolls plunge steeply to the southwest.

In the northern cut two pegmatite bodies ranging in thickness from 1 to 4 feet are exposed in the face. The pegmatites trend east-west and dip steeply to the south. They are composed of coarse-grained plagioclase, quartz and muscovite. In the northern body muscovite up to 8 x 8 inches is exposed in the face; in the southern one muscovite up to 4 x 5 inches is exposed. The incline is flooded and the face of the cut is also inaccessible. Muscovite on the dump near the northern cut is of good quality. Some books up to 4 x 6 inches were observed. There is some "A" structures and ruling. The mica appears to be relatively free of spots.

South of the big cut a small roll-shaped pegmatite body plunging 25°SW is exposed in the wall of a cut. Although largely covered by waste it has been reportedly worked to a depth of 12-feet. This body is about 6 feet thick and contains muscovite along the walls greater than 4 x 5 inches.

RECOMMENDATIONS

We recommend that exploration assistance be granted. The pegmatite exposed in the large cut has at least two well defined roll structures that are favorable for the occurrence of strategic

muscovite. Exploration to define the limits of these structures and to look for similar structures is warranted. We recommend sinking a 60-foot shaft in the eastern roll in the large cut and drifting 40 feet west and 30 feet east in pegmatite. The northern pegmatites on which the incline work was done in 1943 also are favorable targets and we recommend crosscutting 35 feet north from the drift on the main pegmatite to intersect the northern pegmatites. These bodies can then be explored by 35 feet of drift.

Because of the present road to the Presnell (Presley) mine is long and rough and the slope between the Presnell and Silvers too steep and rocky for road building, we recommend that a new road be bulldozed up the south side of Bowlens Creek. This road would be about 3/4 of a mile long and could be made quicker , better, and with less expense than to extend the present road.

COST ESTIMATES

Excavate:

Prepare access by bulldozing 3/4 mile of access road.

Bulldoze 1320 c.y. @ 30¢/c.y. (1/3 c.y. per linear foot).....$396.00

Total road excavation.....$396.00

Construct:

Toolhouse	75.00	
Powder magazine	25.00	
Cap Magazine	15.00	
		115.00

Sink 60 feet of 5 x 7 foot, two compartment shaft from the cut as indicated on the attached map. The Operator will crib and backfill upward from the shaft collar far enough to eliminate any hazard from the walls of the cut (40 shifts).

@ 1.6'/sh = 38 shifts

Equipment (rental):

1 - Compressor @ $150/Mo.	$300.00
1 - Hoist @ $50/Mo.	100.00
1 - Rock drill w/hose @ $40/Mo.	80.00
1 - Sump pump @ $40/Mo.	80.00

~~Total equipment-rental.....~~ @ $250/mo $ 560.00 = 500.00

Labor:

1 - Foreman-miner	$14/shift
1 - Hoistman	12/shift
1 - Laborer	8/shift
Per 8 hr. shift....	$34.00

Total labor 40 shifts @ $34/shift.... 1,360.00
38 " " " " = 1292.00

Supplies, Tax & Insurance:

Gasoline and oil	$135.00
Explosives	240.00
Drill steel	90.00
Timber -2M b.f.	130.00
Small tools and miscellaneous	120.00
Sales tax	21.00
Soc. Security & Ins.	163.00
Total supplies, etc.....	899.00

Total estimated cost of shaft..... $2,819.00
2691.00

Estimated cost/ft of shaft $46.97.
use $45/ft.

Drift and crosscut 140 feet 5 x 7 feet in cross section from or near the bottom of the shaft (70 shifts).
@ 2.2/sh. = 64 shifts

Equipment (rental)

1 - Compressor @ $150/Mo.	525.00
1 - Hoist @ $50/Mo.	175.00
1 - Rock drill w/hose @ $40/Mo.	140.00
1 - Sump pump @ $40/Mo.	140.00
1 - Jackleg @ $25/Mo.	87.50

Total equipment (rental) @ $250/mo 1,067.50 = 800.00

Labor:

1 - Foreman-Miner....	$14/shift
1 --Hoistman.....	12/shift
1 - Laborer.....	8/shift
Per 8 hour shift.....	$34/shif

Total labor 70 shifts @ $34/shift $2,380.00

64 " " " " 2176.00

Supplies, Tax, & Insurance:

Gasoline and oil	$115.00
Explosives	560.00
Drill steel	210.00
Timber, 2 M, b.f.	130.00
Small tools, & Misc.	280.00
Sales tax	45.00
Social Sec. & Ins.	286.00

Total estimated cost of supplies.. 1,826.00

Total estimated cost of drift..... $ 5,273.50

4802

Est. cost/ft of drift $37.67 use $35/ft.

SUMMARY OF ESTIMATES

Access Road.....	$ 396.00
Construction	115.00
Shaft - 60 feet	2,819.00
Drift & crosscut 140 ft..	5,273.50
Total estimated cost.....	$8,603.50

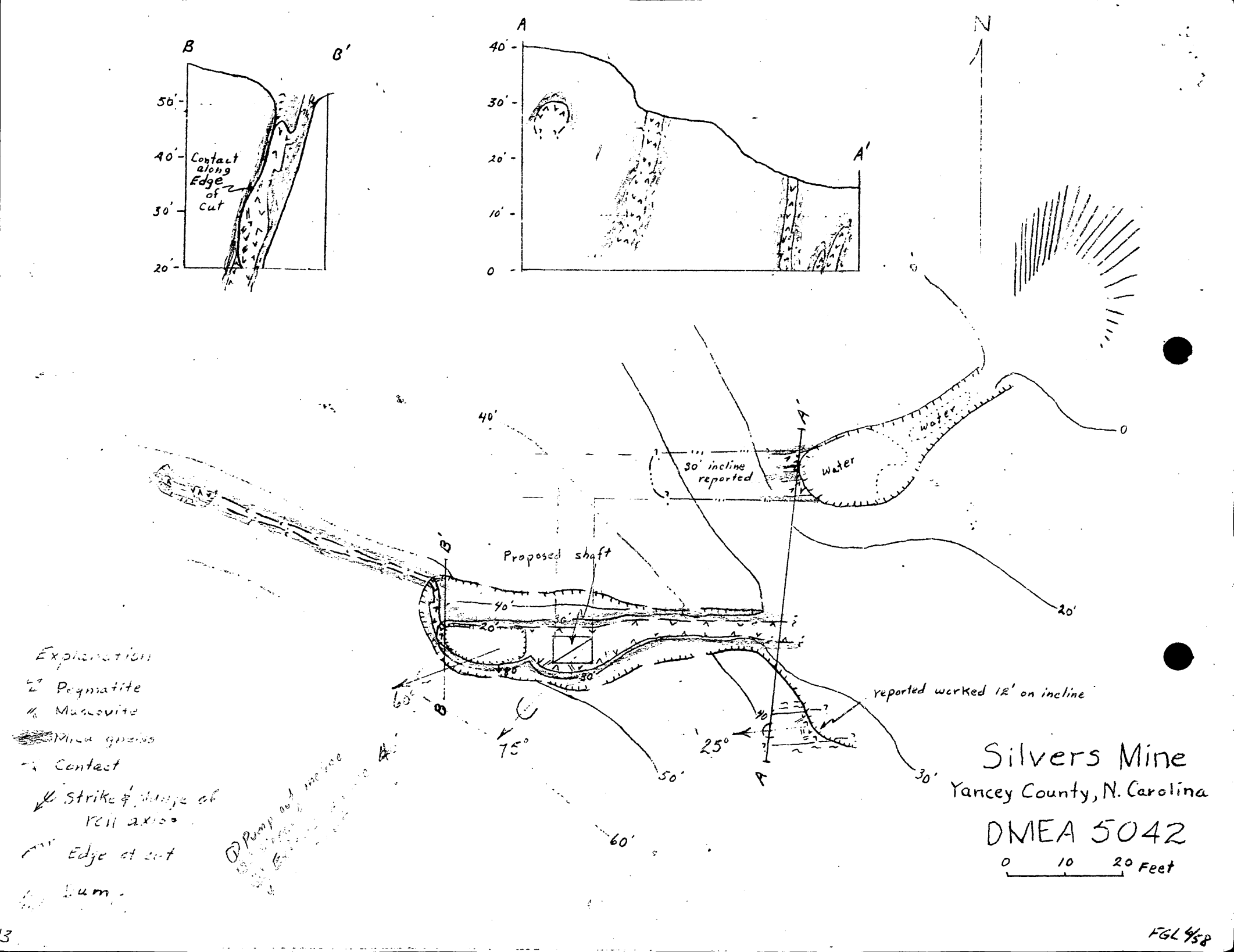
Government participation @ 75% $6,452.60

June 24, 1958

F. G. Lesure, Geologist
Geological Survey

Stanley A. Feitler, Mining Engineer
Bureau of Mines (DMEA)

z


B
B'
50'
40'
30'
20'
Contact along Edge of cut
A
A'
40'
30'
20'
10'
0
N
water
water
30' incline reported
Proposed shaft
reported worked 18' on incline
60°
75°
25°
50'
60'
30'
Explanation
Pegmatite
Muscovite
Mica gneiss
Contact
Strike & dip of roll axes
Edge of cut
Sump
Pump and incline
Silvers Mine
Yancey County, N. Carolina
DMEA 5042
0 10 20 Feet

FGL 4/58

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 26 1958

DATE	[illegible]	CODE

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/16	Houk	600
6/16	[illegible]	130
6/16	[illegible]	130
6/16	[illegible]	130
"	[illegible]	110
"	[illegible]	100
6/17	[illegible]	220
		600

600

JUN 16 1958

Minerals Development Co., Inc.

Burnsville, North Carolina

Re: Docket No. DMEA-5042-Mica
Minerals Development Co., Inc.
Silvers Mine
Yancey County, North Carolina

Gentlemen:

The application for assistance in exploring your property, under the captioned docket number, has been reviewed by the Division of Nonmetallic Minerals of the Defense Minerals Exploration Administration. It has been referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee.

The Regional Office will contact you in regard to your project if additional information is required. Any assistance you may give the members of the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

LGHouk:rsi 6/11/58
Copy to: Admr. R. File
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/16	Houk	600
6/16	[illegible]	130
"	Johnson	110
	Matthewson	100
		220

600

JUN 16 1958

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

Re: Docket No. DMEA-5042-Mica
Minerals Development Co., Inc.
Silvers Mine
Yancey 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 dated June 9, 1958, by Mr. W. P. Williams, USGS, and Mr. W. F. Dietrich, USBM, relating to the project are enclosed. There is also enclosed a copy of the application for the use of the Field Team.

You will note that in our letter to the Applicant, we made no reference to a field examination as you may not find time to schedule one if needed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Approved:

Frank D. Lamb (FDL)
Member, Bureau of Mines

Thor H. Kiilsgaard (THK)
Member, Geological Survey

LGHouk:rsi 6/11/58
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Enclosures 5

8623

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 10 1958

DATE	INITIAL	FILE
6/10	C	22
6/12	Houk	60

IN REPLY REFER TO:

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

June 9, 1958

Memorandum

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

From: W. P. Williams, U. S. Geological Survey

Subject: Review of application, DMEA 5042 (Mica) Minerals Development Company, Inc., Silvers Mine, Yancey County, N. C.

The applicant proposes to explore for green mica on a 4-acre tract held by a mining lease. The proposed project would consist of 80 linear feet of shaft sinking and 80 feet of drift and crosscut.

The applicant states that the 'vein' was worked for about 20 feet sometime in the past. He further states that about 10 years ago some green mica was mined from the property.

I have no additional specific information about the Silvers mine. For that reason I recommend that the application be referred to the Field Team for field examination and report.

W. P. Williams

W. P. Williams

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

June 9, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 10 1958

DATE	INITIALS	CODE
6/10	C	220
6/11	[illegible]	600

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-5042 (mica)

Applicant: E. M. Fredric et al.

Name and Location of Property: Silvers Mine, Yancey County, N. C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 6/5/58

Comments:

1. Applicants state that some work was done on this property about 10 years ago and that there was some production from a pegmatite vein.

2. Exploration proposed by applicants is consistent with local practices and in line with unit-cost estimates for other DMEA projects.

3. Although it would be desirable for the applicants 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

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

June 5, 1958

Minerals Development Co., Inc.
Burnsville,
North Carolina

Subject: DMEA-5042

Gentlemen:

Your application for exploration assistance, dated May 31, 1958 submitted to our office at Knoxville, Tennessee has been assigned Docket Number DMEA-5042 and referred to the Nonmetallic Minerals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to: Region V.

Exploration Project Contract
Minerals Development Company, Inc.
Docket No. DMEA-5042
Exhibit A
Description of the Work

Exploration for concentrations of strategic mica shall be performed in the area indicated on the maps entitled, "Silver Mine, Yancey County, N. Carolina, DMEA 5042," attached hereto, as follows:

1. Prepare 3/4 miles of access road by bulldozing, total excavation aggregating not more than 1320 cubic yards.

2. Construct:

(a) A toolhouse, minimum dimensions 7 feet by 8 feet by 10 feet.
(b) A powder storage magazine, minimum dimensions 4 feet by 3 feet by 2½ feet.
(c) An exploder storage magazine, minimum dimensions 2 feet by 1½ feet by 1 foot.

The toolhouse may be unfloored; shall be made from unfinished lumber, with protective roof covering; and shall be equiped with lock and key.

The powder and exploder magazines shall be boxed on all sides; shall be made from 2-inch hardwood or 3-inch softwood lumber; and shall be braced at the corners. No metal shall be exposed; and the doors shall be securely locked with the equivalent of a 5-tumbler jarproof lock.

3. From the bottom of the cut as indicated on the maps, sink a vertical and/or inclined two-compartment shaft for a distance of not more than 60 feet.

4. Explore the pegmatite by driving from or near the bottom of the shaft not more than 140 feet of drifts and or crosscuts.

The shaft and the drifts and/or crosscuts shall be timbered as necessary and shall have minimum cross-sectional dimensions of 5 feet by 7 feet in the clear of timber.

All work shall be performed on the pegmatite or in as close proximity thereto as possible.

The location, excavation, direction, and extent of all work are subject to the approval of the Government.

Fixed Unit Costs

1. Bulldoze access road - 1320 cubic yards @ $0.30/c.yd.		$396.00
2. Construct - Tool house	$75.00	
Powder Magazine	25.00	
Explosive magazine	14.00	114.00
3. Sink 60 feet of shaft @ $45.00/ft.		2,700.00
4. Drive 140 feet of drifts and/or crosscuts @ $35.00/ft.		4,900.00
Estimated total cost of project		$8,110.00
Government participation @ 50%		$4,055.00

Exploration Project Contract
Minerals Development Company, Inc.
Docket No. EMEA-5042

Annex I

The land referred to in Article 2 of the Contract is known as the Silver Mine and is located on the steep north slope of a northern spur of Grassy Knob Ridge, about 1.95 miles S.63° E. of BM-LHT-825' at Viper post office, Yancey County, North Carolina. The Operator is in possession of the land pursuant to the terms of a mining lease, dated May 16, 1958, from G. C. Hunter, executor of the estate of Mrs. J. A. Higgins; Mrs. Pansy Ray, a widow; Dover R. Houts, Executor of the estate of Charles F. Byrd; Nu-Way, Inc.; and Mrs. Ruby Mae Ray, a widow; running for 5 years, and is more particularly described as follows:

(Copy description from lease)