DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3329

DO NOT DETACH THIS SLIP

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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.

Cys to USBM & USGS

Routing Slip

To:	600	Date	4/30/54
To:	Mr. Anderson	Date	4/30/54
To:	Oper Com	Date	6-11-54
To:	600	Date	7-22
To:	Oper Com	Date	9-22-54
To:	220	Date	11-15-54
To:	Oper. Com.	Date	12-8-54
To:	Oper Com	Date	2-3-55
To:		Date	
To:		Date	
To:		Date	
To:		Date	
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To:		Date	
To:		Date	

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DMEA 3329

DOCKET INDEX

ACTION DOCUMENTS

1	APPLICATION	DATE RECEIVED	4/29/54
2	CONTRACT	DATE	9/23/54
3	TERMINATION AGREEMENT	DATE	3-9-55
4	CERTIFICATION	DATE	
5	AUDIT REPORT	DATE	
6	AMENDMENTS - NUMBERS 1	DATE	11-19-54

Docket Copy

TERMINATION AGREEMENT

It is agreed this 9th day of March, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Henry Lee Robinson, hereinafter called the "Operator," parties to that certain Exploration Project Contract Idm-E714, Docket No. DMEA-3329, dated September 23, 1954, hereinafter called the "Contract," that:

1. Effective February 15, 1955, the Contract and all obligations of the parties thereunder, except as otherwise herein expressly provided, shall be and are hereby terminated.

2. The Government shall contribute only to the fixed unit costs of work performed prior to said effective date.

3. The Operator shall promptly perform all winding-up and settlement actions provided for in the Contract, including the rendering of the final report and final account.

4. The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of said Contract, except as otherwise provided in the termination agreement.

IN WITNESS WHEREOF, these parties have executed this agreement as of the day and year first above written.

THE UNITED STATES OF AMERICA

By Robert A. Lawrence
Executive Officer, DMEA
Field Team, Region V

HENRY LEE ROBINSON

Henry Lee Robinson

Rubin
Hoffland
Anderson
Hook
Chandler
Selfridge
Dunn
Walker

Docket C

DIVISION OF THE MINERAL
Defense Minerals Administration
RECEIVED
JAN 21 1955

EXPLORATION PROJECT CONTRACT
HENRY LEE ROBINSON
DOCKET NO. DMEA-3329

AMENDMENT NO. 1

It is agreed this 19th day of November, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Henry Lee Robinson, that Exploration Project Contract Idm-E714 (Docket No. DMEA-3329), dated September 23, 1954, hereinafter called the "Contract", is amended effective September 23, 1954, as follows:

In Article 3 of the Contract:

(a) Delete the starting date "November 1, 1954," and substitute the starting date "November 25, 1954," and

(b) Delete the completion date "February 1, 1955," and substitute "February 25, 1955."

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute, nor the agreed unit cost of any item of work.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By W. J. Miller
Executive Officer
DMEA Field Team, Region VIII

By Bi
Hoffman
Anderson
Houck
Talbert
Selfridge
Fleming

HENRY LEE ROBINSON

By Henry Lee Robinson

Docket copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 12 1954

MF-200A
(Revised June 1954)

Docket No. DMEA 3329

Commodity Mica

Contract No. Idm-E - 714

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXPLORATION PROJECT CONTRACT[1]
(Short Form)

It is agreed this 23rd day of ~~September~~, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] Henry Lee Robinson,

whose mailing address is Box 262
Newport, New Hampshire,

hereinafter called the "Operator," as follows:

ARTICLE 1. *This contract* is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200A), the attached Exhibit "A," Annex I, and

The Operator shall not transfer or assign this contract or any right thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The land which is the subject of this contract (hereinafter called "the land") is in the State of New Hampshire, County of Sullivan, and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] lessee of [5] mica mining rights in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] lease, [7] recorded in Book 356, page 19, official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: none

(c) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above, and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title of the land (lessor, seller, optionor, etc.), are attached, as follows: an Owner's Consent to Lien executed by the lessors

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] Insert name, and if an organization, its nature (corporation and place of incorporation, partnership with names of partners, etc.).
[3] State on a separate sheet marked "Annex I" the legal description or enough to identify the property, particularly excluding any areas from which the production is not to be subject to the Government's percentage royalty.
[4] Insert "owner," "lessee," "contract purchaser," "locator," etc.
[5] Insert "the entire interest," "the mineral rights," "an undivided one-third," etc.
[6] Insert "deed," "lease," "contract," "location notice," "patent," etc.
[7] If not recorded, so indicate by inserting "un."

(d) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. Until the lapse of the time within which the Government may make a certification of discovery or development without any such certification having been made, and after any such certification has been made, the Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. If the Government makes no certification of discovery or development within the time limited in Article 7, it shall thereafter have no claim against the land or any production therefrom except for any production referred to in Article 7(b)(1).

ARTICLE 3. *The exploration project.*—The project is a search for indicated or undeveloped deposits of mica. The work to be performed is described in Exhibit "A." The Operator on or before November 1, 1954 shall commence the work, and on or before February 1, 1955 (unless the Operator's obligation to complete the work is terminated—see Article 8) shall complete the work.

ARTICLE 4. *Performance of the work.*—(a) *Operator's responsibility.*—The work shall be performed with reasonable diligence, efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for liability insurance covering employment; and with suitable and adequate equipment, facilities, materials, supplies, and labor, to bring it to completion within the time fixed.

(b) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after a certification of discovery or development to inspect production operations and underground workings. The operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 5. *Contribution by the Government.*—A fixed cost for each unit of work to be performed (per foot of drifting, per foot of drilling, per hour of operations, etc.) is hereby agreed upon, and is set forth in Exhibit "A" in connection with the estimated total cost of the project in the sum of $1,500.00. The Government will contribute 75 percent of the fixed unit costs as work is performed, in a total sum not in excess of $1,125.00: *Provided,* That until the Operator has rendered to the Government his final report, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of 10 percent of the estimated total cost of the work. The Government will make its contribution on the basis of the monthly vouchers referred to in Article 6(b), but all payments by the Government are provisional only, subject to audit, until the account between the Operator and the Government is finally audited and settled. To the extent that excesses over fixed unit costs or any excess over the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such excesses for his own account without contribution by the Government. The Government may make payments directly to independent contractors and suppliers for the account of the Operator rather than to the Operator.

ARTICLE 6. *Reports, accounts, audits.*—(a) *Operator's records.*—The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine any pertinent books, documents, papers, and records of the Operator. All of the Operator's vouchers and records and accounts relating thereto and the Government's payments thereof remain subject to adjustment until final audit by the Government.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing a detailed statement of units of work performed during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and the fixed unit costs incurred for each type of work; and (3) a Narrative Report of the work

performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records or accounts.

ARTICLE 7. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after a sufficient final report and final account (see Article 6) has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

(b) *Royalty on production.*—The Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, within a period of ten years from the date of the contract, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

(c) *Basis for computation.*—The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f. o. b. point); *except,* that charges of *the buyer* arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by *the buyer,* sampling and assaying to determine the value of the production sold, and freight paid by *the buyer* to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the crude ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

(d) *Unsold production.*—If any production (ore, concentrates, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time when it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) *Percentages of royalty.*—The percentages of the Government's royalty shall be as follows:

One and one-half (1½) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half (½) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.

(For instance: the royalty on an amount of five dollars ($5.00) per ton would be one and one-half (1½) percent; on an amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this article.

(g) *Lien for payment.*—To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(h) *Notice to purchasers.*—The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

(i) *No obligation to produce.*—Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(j) *Government not obligated to buy.*—Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

ARTICLE 8. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery, and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon the Government shall be free of all obligation to pay on account of units of work not then performed, and the Operator shall be free of all further obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The remedy provided for the Government in this paragraph "(b)" is in addition to any other remedy provided in this contract, and in addition to any other remedy the law may provide for breach of contract.

(c) The giving of any notice by the Government under the provisions of this Article 8 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and such rights shall be fully preserved.

ARTICLE 9. *Notices to be given by the Government* may be delivered to the Operator, or may be sent by registered mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 10. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 11. *Changes and added provisions.*—

Executed in sextuplicate the day and year first above written.

HENRY LEE ROBINSON
(Operator)

By Henry Lee Robinson

THE UNITED STATES OF AMERICA

By C Mittendorf
Administrator, Defense Minerals
Exploration Administration

I, ..., certify that I am the ..... secretary of the corporation named as Operator herein; that ..... who signed this contract on behalf of the Operator, was then ..... of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

.....

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—70618-1

EXPLORATION PROJECT CONTRACT
HENRY LEE ROBINSON
DOCKET NO. DMEA-3329

ANNEX I

The land referred to in Article 2 of the contract form is known as the Chandler Mills Mine and was leased for mining purposes to Henry Lee Robinson for a period of two years, with an option to renew for an additional two years, by George Smith and Agnes Smith, by an instrument dated May 7, 1953. It is located at Chandler Station, Sullivan County, New Hampshire, about 2 miles from Kelleyville on "Old Newport" road. The boundaries of the leased area are shown on the map entitled "Sketch Chandler Mills Mine" attached hereto and made a part hereof, and is described as follows:

Beginning at an iron pin driven in the ground on the south side of Boston & Maine Railroad tracks running from Newport to Claremont at land of R. W. Smith; thence southerly along said Smith land to an iron pin driven in the ground at land of Louis Huot; thence westerly along said Huot land to an iron pin driven into the ground at land of George C. Brown; thence northerly along said Brown land to the railroad track aforementioned; thence easterly along the southerly side of said railroad track to the point of beginning.

Excepting and reserving two mow fields, one being located in the northeast corner of the above-described tract of land, and the other being located in the northwest corner of said tract.

Being a portion of the same premises conveyed to George F. and Agnes E. Smith by Florence E. Parmenter by a warranty deed dated February 7, 1941 and recorded in Sullivan County Records, Vol. 275, Page 182.

EXPLORATION PROJECT CONTRACT
HENRY LEE ROBINSON
DOCKET NO. DMEA-3329

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 12 1954

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica shall be accomplished in the area indicated on the sketch attached to Annex I, as follows:

Drive not more than 50 feet of incline drift, timbered as necessary and with a cross-sectional dimension of not less than 5 feet by 7 feet in the clear of timber. The incline drift shall explore the hanging-wall mica zone, shall have a bearing of approximately S. 35° W., and shall begin at a location approved in advance by the Government.

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

Fixed Unit Costs

50 feet of incline drift @ $30.00/ft.	$ 1,500.00
Estimated total cost of project	$ 1,500.00
Government participation @ 75%	$ 1,125.00

DOCKET COPY
Surname:
Anderson
Houk
Chambers.
Selfridge.
Hefelmann

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

FEB 17 1956

Mr. Henry Lee Robinson
Box 262
Newport, New Hampshire

Re: Docket No. DMEA-3329-Mica
Henry Lee Robinson
Chandler Mills Mine
Sullivan County, New Hampshire
Contract No. IGm-5714

Dear Mr. Robinson:

Reference is made to your terminated exploration contract with the Government.

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the contract. In the absence of such certification, the Government retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this project. Your attention, however, is called to the provisions of the contract which require the Operator to keep and preserve certain records for the period indicated.

Your interest in the DMEA exploration program and participation therein are fully appreciated.

Sincerely yours,

G. O. Mittendorf

Administrator

WCAnderson:ms 2/15/56
Copy to: Admr. R. File
Docket
Mr. Chambers
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Field Team, Region V(Land Owners' Copies attached for forwarding)
Mr. Houk
Mr. Anderson
Mr. George F. Smith
Mrs. Agnes E. Smith

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

Project Summary Report

By: Walter C. Anderson WCA February 15, 1956

1. Docket No. DMEA-3329-Mica
Contract No. Idm-E714
Chandler Mills Mine
Sullivan County, New Hampshire

Operator: Henry Lee Robinson
Box 262
Newport, New Hampshire

Application: Form MF-103(April 1952) received April 29, 1954.
Work proposed: 50 Feet of inclined drift
Amount Requested: $1,592.48

Operator's Property Rights:
Lease for 2 years with option to renew for 2 years dated May 7, 1953.
Owners Consent to Lien dated April 9, 1954.

2. Contract: Form MF-200A(June, 1954) dated September 23, 1954.
Work authorized:

50 feet of inclined drift @ $30.00/ft.	$1,500.00
Estimated total cost of project	1,500.00
Government participation @ 75%	1,125.00

Amendments: No. 1 - 11/19/54 - Extends starting date from November 1, 1954 to November 25, 1954, and completion date from February 1 to February 25, 1955.

Work Completed:

35 feet of inclined drift @ $30.00/ft.	$1,050.00
Total accepted cost	$1,050.00
Government participation @ 75%	$ 787.50

Work started on November 25, 1954 and was suspended December 31, 1954.
Terminated by mutual agreement on March 9, 1955
Final Field Team Report received on May 2, 1955
Operator's final report waived.

Value of production during project	$70.00
Royalty, still due as of February 15, 1956	0.00

No equipment purchased for this project.

3. Audit: Report of Review issued March 24, 1955

Accepted Cost	$1,050.00
Government participation	787.50

4. Certification of Discovery - none issued

5. Comments:

How conducted.....All of the work in which the Government participated was acceptable.

Operation.....Good. Operator one of the best in the area.

Engineering.....Keeping records and reporting was not good.

Geological Premise.....The premise that concentrations of mica would occur in rolls that might develop in either the hanging or footwall, or both, did not materalize, since the work exposed a pegmatite that had narrowed to an average of 5 feet with low concentrations of poor quality mica, and pegmatite pinching out at upper end of drift.

Geological Criteria upon which work was based:

1. Tabular pegmatite, average thickness 20 feet, containing a discontinuous quartz core, around the periphery of which are concentrations of mica. Beryl has also been reported.
2. Mica - rum colored book 3 to 4 inches, hard, relatively flat.
3. Past Production

Criteria developed during project:

1. Pegmatite averaging 5 feet in thickness and pinching out in last 10 feet of drift.
2. Mica - sparse and of poor quality.

Future Possibilities:

Production of strategic mica not economically feasible.

Recommendations: The Nonmetallic Minerals Division concurs in the Field Team's recommendation not to certify the project. The commodity members of the Geological Survey and Bureau of Mines concur. Royalty of $3.50 received February 13, 1956.

DOCKET FILE
Surname: Anderson
Hoch
Robinson

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

DEC 16 1955

Mr. Henry Lee Robinson
Box 262
Newport, New Hampshire

Re: Docket No. DMEA-3329 - Mica
Henry Lee Robinson
Chandler Hills Mine
Sullivan County, New Hampshire
Contract No. Idm-M714

Dear Mr. Robinson:

Under Article 7 (b) (1) of the subject contract you are obligated to pay the Government a royalty on all minerals mined or produced from the land "...regardless of any certification of discovery or development, from the date of the contract until the lapse of time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first". Our records show that mica valued at $70.00 was mined and sold from your property during exploration carried on under the subject contract. This is subject to a royalty of 5 percent, or $3.50.

In order to close out our records on this contract, it would be appreciated if you send to Mr. Robert A. Lawrence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee, your check for the Government's royalty on the above and any other production from the property. The check should be made payable to the Defense Minerals Exploration Administration and should be accompanied by certified copies of sales slips.

Sincerely yours,

C. C. [illegible] (by [illegible]57)
Administrator

WCAnderson:ad 12/15/55
Copy to: Admr. R. File
Docket
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson

P.C.B.

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

RECEIVED
SEP 15 1955

September 13, 1955

Mr. Henry Lee Robinson
c/o Mrs. Mr Morris
100 Park View
Newport, New Hampshire

Re: Contract Idm-R71h, DMEA-3329
(mica) Newport, N. H.

Dear Mr. Robinson:

Our records indicate that mica valued at $70.00 was mined and sold from your property during exploration carried on under the subject contract.

Any mica obtained as a result of the exploration work and sold is subject to a royalty of 5 percent, which in your case amounts to $3.50.

It will be appreciated if you will forward to this office your check or a money order made payable to the Defense Minerals Exploration Administration.

Please give this matter your immediate attention as we are anxious to close out this contract.

Very truly yours,

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VI

VJL/sm

cc:
Lynch
Miller
Opr. Com.-2
Files

Docket Copy
Surname:
Anderson
Houk
Selfridge
Matheny

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

SEP - 9 1955

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

Dear Mr. Laurence:

Reference is made to our letter of June 27, 1955, relative to six uncertified projects which have been completed or terminated but no closing letters have been written because of the unsettled situation with regard to royalties.

We have received reports on three of these projects. We have not had reports on the following projects:

Docket No.	Contract No.	Value of production
DMEA-3329	Idm-E714	$70.00
DMEA-3391	Idm-E704	$40.00
DMEA-3402	Idm-E702	Unknown

If you will clear up this matter it will be appreciated as we wish to close out the contracts as soon as possible.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GHB)

Approved:

P. F. Yopes (GHB)
Member, Bureau of Mines

/s/ N. E. Nelson (GHB)
Member, Geological Survey

WCAnderson:gad 9/8/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson

R.C.S.

Docket Copy
Surname:
Anderson
Houk
Talbot
Selfridge

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

JUN 27 1955

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

Dear Mr. Laurence:

Reference is made to a number of uncertified projects which have been completed or terminated, but no closing letters have been written because of the unsettled situation with regard to royalties.

Under the following contracts, having royalty provisions regardless of certification, the Field Team reported production either of known or unknown values:

Docket No.	Contract No.	Value of production during project
DMEA-2909	Idm-E524	Unknown
DMEA-3248	Idm-E705	Unknown
DMEA-3329	Idm-E714	$70.00
DMEA-3356	Idm-E711	Unknown
DMEA-3391	Idm-E704	$40.00
DMEA-3412	Idm-E702	Unknown

In order to close out these contracts it will be appreciated if you will take whatever action you deem appropriate for collection of these royalties. It is suggested in the case of unknown values of production during the project that an estimate be made agreeable to the Government and the Operators.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JB)

Approved:

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

Thor H. Kiilsgaard (JB)
Member, Geological Survey

WCAnderson:gad 6/22/55

Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5222
Mr. Houk

R.C.B.

IN REPLY REFER TO:

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

May 19, 1955

Re: DMEA-3329, Idm-E714
H. L. Robinson
Chandler Mills Mine
Sullivan Co., N. H.

Memorandum

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

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

Subject: Review of Final Report

As stated in the examiners' reports and Professional Paper 255 it is not easy to predict the dip and strike of this tabular pegmatite, but it would appear that the work should have taken more nearly the direction, S. 35° W., first planned from a point above the water where the pegmatite is thick, see Sect. A-A', final report. Certainly enough was done in the direction taken.

I agree with the recommendations of the Field Team.

N. E. Nelson

N. E. Nelson

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

Defense Minerals Administration
RECEIVED
MAY 17 1955

May 17, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3329 (mica)

Applicant: H. L. Robinson

Name and Location of Property: Chandler Mills Mine
Sullivan County, New Hampshire

Contract Number: Idm-E714

Date of Field Team Report: 4-28-55

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 5-6-55

Field Team Recommendation:

1. No certification.

Comments:

1. Contract was terminated on February 11, 1955 at request of operator.

2. DMEA work has shown that little possibility exists for obtaining quantities of strategic mica.

3. Expenditures

- Total approved	$1,500.00
- Total cost	1,050.00
- Gov't. share of the cost	787.50
- Value of production during operation	70.00

Recommendation:

I concur in the field team recommendation to deny certification of discovery or development.

W. F. Dietrich

W. F. Dietrich

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

OF THE INTERIOR
Mineral Administration
MAY 2 - 1955

April 28, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region 5, Knoxville, Tennessee

Subject: Final Field Team Report; DMEA-3329, Idm-E714 (mica)
Henry Lee Robinson, Newport N. H. Chandler Mills Mine,
Sullivan County, N. H.

Enclosed are four copies of the Field Team final report on the subject exploration contract, which was terminated Feb. 15, 1955. No final report has been received from the Operator, but on the basis of the next-to-last sentence in the report, as well as earlier experience with the Operator in North Carolina, we do not think his report would add any useful knowledge; therefore, we are willing to waive the requirement for his final report.

We agree with the Field Examiners' recommendation that no certification of discovery should be issued. We do not agree with the recommendation (page 5) that the royalty (even though it is only $3.50) should be waived.

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

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

Reviewed by
DMEA OPERATING COMMITTEE
5-6-55
(date)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 2 - 1955

FINAL REPORT ON TERMINATED CONTRACT

by

Glenn W. Stewart 1/ and H. L. Burmeister 2/

DMEA Docket No. 3329 - (Mica)
Contract No. Idm-E714
Operator: Henry Lee Robinson, Box 262, Newport, N. H.
Property: Chandler Mills Mine, Chandler Station
Sullivan County, New Hampshire

Summary

The Chandler Mills mine, sometimes called the Upper Smith mine, is located about 2 miles east of the village of Kelleyville, New Hampshire, (see location map). Total production to February 14, 1955 was 4,164 pounds of full-trimmed mica, 0.75 tons of cobbed mica, and 42 tons of mine-run mica.

The object of this project was to explore for additional reserves of strategic mica by extending the productive area of the pegmatite along the strike to the westward of the previous workings.

Largely due to inclement winter weather, the starting date was changed by Amendment No. 1 from November 1 to November 25, 1954. Final examination was made February 12, 1955.

In the previously worked portion of the pegmatite, the mica-rich zone averaged about 7 feet wide and occurred immediately under the gently dipping hanging wall. The westward end of the workings indicated that these ideal conditions might not continue but that rolls might develop in either the hanging wall, footwall, or both.

It was believed that exploration was justified to determine the results of these indicated changes on continuing production of strategic mica.

1/ Glenn W. Stewart, Geologist, Geological Survey.
2/ H. L. Burmeister, Engineer, Bureau of Mines.

Reviewed by
DMEA OPERATING COMMITTEE
5-6-55
(date)

After completing 35 feet of the 50 feet of drift specified in the contract, there had been exposed only an extremely low concentration of mica, nearly all of which was of poor quality and the entire width of the pegmatite had narrowed to approximately 5 feet. The hanging-wall roll having led the drift toward the surface, the back of the drift, just westward of the 35-foot mark, caved 15 feet to the surface. Due to these results, on February 11, 1955 the Operator requested that the contract be terminated after commencement but before completion. This request was granted in a termination agreement effective February 15, 1955.

Conclusions

The 35 feet of exploratory drift which followed the formerly rich mica-bearing formation to the zone of surface weathering, failed to develop a potential source of strategic mica. The purpose of the exploration was accomplished to the satisfaction of both the Government and the Operator although the results were disappointing.

It is concluded that production of strategic mica from the area explored is not economically feasible.

Recommendations

Based on the above conclusions it is believed that additional exploration, financed either privately or with Government assistance, is not warranted at this time in the area explored.

It is recommended that a Certificate of Discovery or Development should not be issued by the Government and that claims to royalty payments be waived. why?

Description of Work Completed

Exploration work started on November 25, 1954 and was suspended December 31, 1954.

Work as outlined in the contract consisted of driving 50 feet of slightly inclined drift in the mica zone which occurs immediately under the hanging wall. The drift was to be approximately on a S. 35° W. true bearing. Due to rolls which became apparent in both the hanging wall and footwall after examination and before the effective date of the contract, it was necessary to change the direction of the exploratory drift.

Under the conditions imposed by rolling walls, it was correctly deemed advisable by the Operator to carry a 14-foot wide drift to ensure that all possible information be gained. The blast which advanced the drift to 35 feet broke into the bottom of the surface weathered zone which resulted in a cave to the surface 15 feet above. At this point the Operator suspended operations. The Field Team representatives agreed with this action.

General Geology 3/

In general, the pegmatite is a tabular body that strikes about N. 50° E. and dips about 15° SE. in the open pits and in the underground workings about as far westward as the entrance to the exploratory drift. Along section A-A' the pegmatite rolled very irregularly, particularly in the vicinity of section C-C' (see plan of drift on the accompanying map).

At the upper end of the exploratory drift the pegmatite appears to end, or pinch out, locally. In the last 5 or 10 feet both walls of the drift and the back (roof) consist of schist. The floor is covered by waste rock in most places, but wherever exposed, the floor is schist. Although the evidence may not be conclusive, it is believed that the pegmatite pinches out in this part of the drift. The pegmatite averages only about 5 feet thick in the exploratory drift, but its overall average thickness may be as much as 15 feet.

3/ Much of the general information in the following description of the mine has been abstracted from the U. S. Geological Survey Prof. Paper 255, 1954, p. 289-291, Pl. 41.

The internal structure is complex and exposures developed in recent work by the applicant supports the description of the original report. The wall zone continued to contain concentrations of book mica, but they were discontinuous. Several quartz bodies exposed during recent mining suggest that they represent segments of a discontinuous core. Around the periphery of these quartz bodies book mica was commonly present, some of which contained strategic mica. Beryl has been reported, but none was observed in any of the working faces.

Although it had been suggested that underground mining might not be profitable, it was believed that the initial work done in the small open stopes by the applicant was sufficiently encouraging to recommend that the mica-bearing wall zone be explored further.

Due to a roll in the pegmatite the dip changed abruptly from about 20° to nearly vertical in the direction of the proposed drift (see original overlay map of the proposed drift). It was recommended, therefore, to explore the pegmatite by drifting up the dip in a northwesterly direction. At a distance of about 35 feet beyond the starting point of the drift the contact between the bedrock and overburden was exposed. The pegmatite rolled irregularly in the lower third of the drift, then flattened out into its normal strike and dip. In the upper third, however, it appears to pinch out.

The quality and recovery of sheet mica from the mine run was considered satisfactory to recommend the mine for exploration. Mica in the wall zone is hard, relatively flat, and rum colored. The mica books average about 3 to 4 inches, the largest book observed being 6 to 8 by 2 inches. No mica books were visible in the quartz bodies which were exposed.

All of the features of the pegmatite now exposed appear to be similar to those described in the U. S. Geological Survey report, and it should be read to obtain a complete and detailed description of the pegmatite.

Expenditures

Total approved	$1,500.00
Total cost of project	1,050.00
Government's share of cost @ 75%	787.50
Government's share unexpended	337.50
Value of production during operations	70.00
Government's royalty - (recommended waived)	11 ? Any reason ?

Efficiency and Competency of Operator

In the actual production of mica, it is the engineer's opinion that Mr. Robinson is one of the best operators in the area. This excellence does not appear in the matter of keeping records and reporting data.

Equipment Purchased for Project

No equipment was purchased for this project, the work being done entirely on a unit cost basis.

Total Mica Production

	Tons Mine Run	Tons Cobbed	Pounds Trimmed	Source
Previous to Nov. 1943	42			E.N. Cameron, USGS
1952 and 1953			1404	R.D. Thomson, Commodity Analyst.
1954		0.75	2185	Franklin Mica Depot
1955 to Feb. 14 (including 70 lbs. from exploration)			575	" " "
Totals -	42	0.75	4164	

The 1952 and 1953 production of full trimmed mica is broken down into grades below:

Good stained	-	645 pounds
Stained	-	691 "
Heavy stained	-	68 "
Total	-	1404 pounds

Mr. Thomson estimates that at average prices, this 1404 pounds of full trimmed mica would be valued at approximately $34,500.00.

With this data as a basis it is estimated that the production of trimmed mica for 1954 and to February 14 in 1955, would be valued at about $67,820.00 and that the 4164 pound total production of trimmed mica could be valued at approximately $102,320.00.

Not a [illegible]

Mrs. Anderson

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

May 18, 1955

Memorandum

To: Walter C. Anderson, Room 4451, Interior Department

From: H. L. Burmeister, Mine Examination and Exploration Engineer, Eastern Experiment Station

Subject: Docket No. DMEA-3329 - (Mica)
Contract No. Idm-E714 - Henry Lee Robinson

As requested there are attached four revised copies of page 6 of the Field Team's Final Report on the subject contract.

Two copies are being sent to Mr. V. J. Lynch, Knoxville, Tennessee.

H. L. Burmeister

H. L. Burmeister

Attachments

Total Mica Production

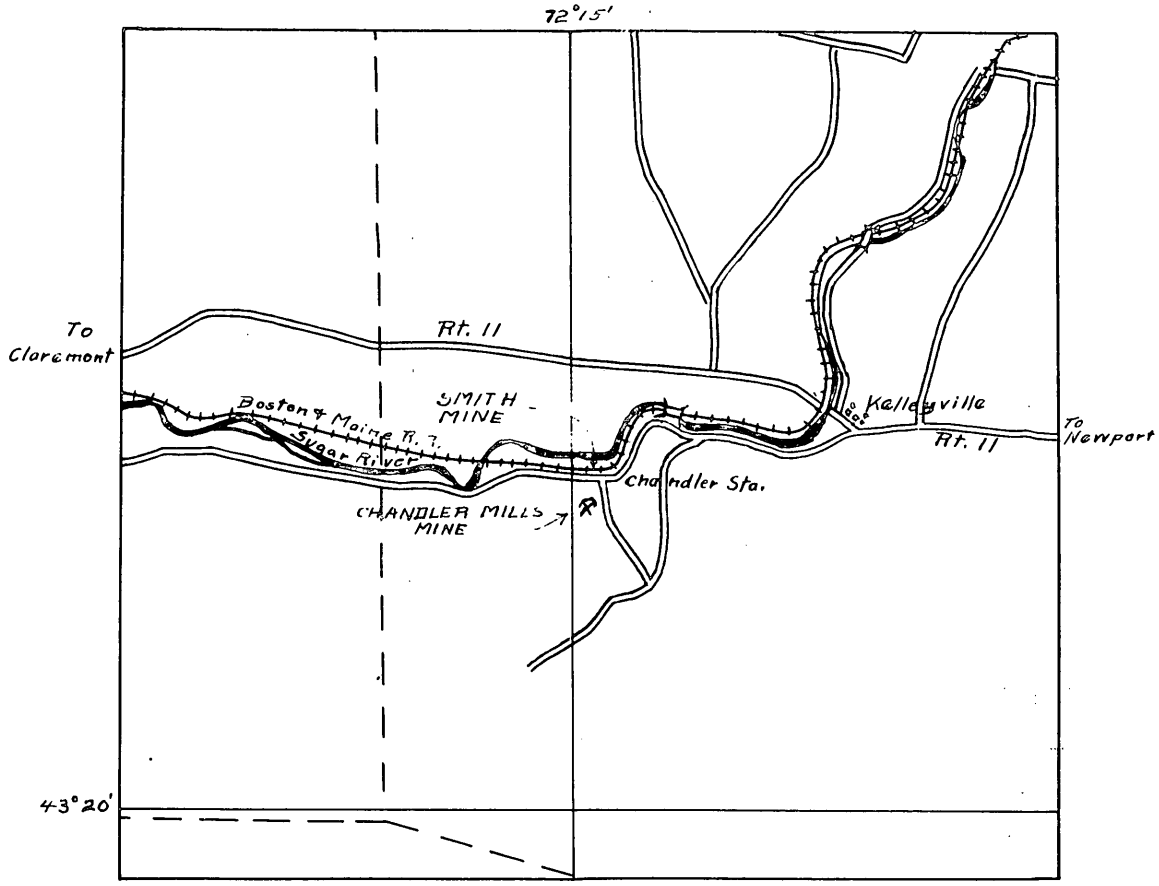
	Tons Mine Run	Tons Cobbed	Pounds Trimmed	Source
Previous to Nov. 1943	42			E.N.Cameron, USGS.
1952 and 1953			1404	R.D.Thomson, Commodity analyst.
1954		0.75	2185	Franklin Mica Depot.
1955 to Feb. 14				
From exploration		0.15		H.L.Robinson, Operator.
Other production			575	Franklin Mica Depot.
Totals -	42	0.90	4164	

The 1952 and 1953 production of full trimmed mica is broken down into grades below:

Good stained	-	645	pounds
Stained	-	691	"
Heavy stained	-	68	"
Total	-	1404	pounds

Mr. Thomson estimates that at average prices, this 1404 pounds of full trimmed mica would be valued at approximately $34,500.00.

With this data as a basis it is estimated that the production of trimmed mica for 1954 and to February 14 in 1955, would be valued at about $67,820.00 and that the 4164 pound total production of trimmed mica could be valued at approximately $102,320.00.



CHANDLER MILLS and SMITH MINES
SULLIVAN COUNTY, N.H.
U.S.G.S. CLAREMONT & SUNAPEE QUADS.
U.S.B.M. A.L.B. Feb. 1955

0 miles 1

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

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

MAR 2 5 1955

Dear Mr. Laurence:

Enclosed are the originals and two copies of reports of review covering the following completed or terminated Exploration Project Contracts:

Contract No.	Docket No.	Operator
Idm-5495	DMEA-2793	Burns-Spangler Construction Co.
Idm-5705	DMEA-3248	South Tom Mining Co., Inc.
Idm-5714	DMEA-3329	Henry Lee Robinson
Idm-5694	DMEA-3244	Alex Teague

If you concur with the facts stated therein, the original and one copy of each Report of Review should be forwarded to the Certifying Officer and one copy of each should be retained in your files. If, for any reason, a Report of Review does not have your concurrence please return all copies to this Division with your comments thereon.

The Report of Review covering Contract Idm-5495 was drafted by Mr. Fisher during his recent visit to Region V. Copies of Field Team reports and correspondence received in this office have provided a means of verification of the work performed under the other three contracts for which Reports of Review have been prepared.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

Enclosures

EDTalbert/ama
March 25, 1955

Copy to: Docket- 3329
~~Norris~~
Mr. Chambers
Helen Miller
Admr. Reading File

A.C.S.

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

March 22, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V - Knoxville, Tennessee

Subject: Termination Agreement on: Idm-E714, DMEA-3329 (mica)
Henry Lee Robinson, Chandler Mills Mine, Sullivan County, New Hampshire.

Transmitted are three signed copies of the subject termination agreement. The usual distribution of the other copies has been made by this office.

Robert A. Laurence

Robert A. Laurence

Docket Copy
Surname:
Hoch
Chandler
Selfridge
Johnson
Rutledge

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

MAR 7 - 1955

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

Subject: Docket No. DMEA-3329 - Mica
Henry Lee Robinson
Chandler Mills Mine
Sullivan County, New Hampshire
Contract No. Idm-E714

Dear Mr. Laurence:

Reference is made to Field Team memorandum of February 17, 1955, requesting that termination agreement forms be prepared for the subject contract.

Please find herewith the original and five copies of this Termination Agreement. If it meets with your approval please sign in behalf of the Government and present it to the Operator for approval and signature.

After execution of the Termination Agreement, the copies are to be distributed in the usual manner.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JB)

Approved:

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

E. L. Newcomb (JB)
Member, Geological Survey

Enclosures 6

WCAnderson:gad 3/2/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

DOCKET COPY
Surname:
Anderson

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

February 23, 1955

Memorandum

To: Mr. J. L. Hofflund, Acting Assistant Solicitor

From: Nonmetallic Minerals Division

Subject: Termination Agreement - Docket No. DMEA-3329 - Mica
Henry Lee Robinson
Chandler Mills Mine
Sullivan County, New Hampshire
Contract No. Idm-E714

Please prepare Termination Agreement to the subject contract to be signed by the Executive Officer, DMEA Field Team, Region V, pursuant to his request in memorandum of February 17, 1955.

Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:ad 2/23/55
Copy to: Admr. R. File
Docket
Mr. Houk

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

February 17, 1955

Memorandum

To: Operating Committee, DMEA- Washington

From: Acting Executive Officer, DMEA - Region V - Knoxville

Subject: DMEA-3329, Idm-E714, Chandler Mills Mine, Henry Lee Robinson, Operator, Box 262-Newport, New Hampshire

Transmitted are four copies of an interim report on the subject contract. The Operator has completed 35 feet of the 50 feet of drift set up in the contract and has run out of pegmatite. The field examiners do not feel that a worthwhile discovery can be made and are in agreement that the project should be terminated by mutual agreement. The Operator is in accord and the field team requests permission to so terminate.

V. J. Lynch
V. J. Lynch, Acting
Executive Officer, DMEA
Field Team, Region V

Wm. A. Beck
Wm. A. Beck
U. S. Bureau of Mines

Operating Committee

RECEIVED
FEB 18 1955

DMEA
Field Inspection Report

Operator:	Henry Lee Robinson
Address:	Box 262, Newport, New Hampshire
Mine & Location:	Chandler Mills Mine Sullivan County, New Hampshire
Docket No.:	DMEA-3329
Contract No.:	Idm-E714
Commodity:	Mica
Total Cost:	$1,500.00
Government Participation:	$1,125.00 - 75%
Duration of Contract:	November 25, 1954 to February 25, 1955 (Amdt)

On February 12, 1955 this property was visited by the Bureau of Mines engineer in company with U.S.G.S. geologist, Glenn W. Stewart.

Although the work outlined in the contract had not been completed, the Operator had expressed his desire to terminate the contract.

The final examination was made in accordance with this request. It was found that the Operator's request for termination was well founded.

The Field Team representatives are preparing the final report recommending that no Certificate of Discovery or Development be issued.

/s/ H. L. Burmeister
Mining Engineer
Bureau of Mines

College Park, Md.
February 15, 1955

RECEIVED
FEB 17 1955
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

Mr. Selfridge

Defense Minerals Administration
RECEIVED
FEB 17 1955

College Park, Maryland

February 16, 1955

Memorandum

To: W. J. Lynch, Bureau of Mines Representative
DMEA Field Team, Region V, Knoxville, Tennessee

From: Supervising Mining Engineer

Subject: Docket No. DMEA-3329 - (Mica)
Henry Lee Robinson
Chandler Hills Mine
Sullivan County, New Hampshire
Contract No. Idm-E711

Attached are four copies of a letter from Henry Lee Robinson requesting termination of the subject contract.

W. T. Miller

Attachments

cc PTAllsman
✓ GeoCSelfridge
RALawrence
DMEA Files, CP

WTMiller

Contract Idm-E714
(DMEA-1389)

COPY

February 11, 1955

Defense Minerals
FEB 17 1955

Mr. W. T. Millar, Executive Officer
Bureau-Survey Field Team
Defense Minerals Exploration
Administration, Region VIII

Mr. Millar:

After driving the 35 feet of exploratory drift, I see no use in continuing further and wish to terminate the contract.

The reason for this request is that the entire pegmatite is now not more than 4 feet wide and is nearly barren of mica.

I request that this letter in conjunction with my December monthly report be considered my final report on the contract.

I completed 35 feet of drift and carried it about 14 feet wide to make sure that nothing was being missed.

The total production of mica was approximately 300 pounds of hand cobbed mica valued at about $70.00. The mica was of poor grade and in small sheets.

Very truly yours,

Henry Lee Robinson

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 4 1955

College Park, Maryland

February 3, 1955

Memorandum

To: Robert A. Laurence, Executive Officer, DMEA Field Team, Region V
through V. J. Lynch

From: Supervising Mining Engineer, College Park

Subject: Docket No. DMEA-3329 - (Mica)
Contract No. Idm-E714
Henry Lee Robinson, Chandler Mills Mine
Sullivan County, New Hampshire

Re your letter of February 2 regarding the subject exploration: Mr. Burmeister will contact Mr. Stewart upon arrival in New Hampshire and arrange for an examination of Chandler Mills property.

Mr. Burmeister will also check on all certified projects in the northeast section of Region V, as well as assisting other individuals interested in filing applications for DMEA assistance. However, due to the severe storm now raging along the northeastern seaboard, the trip has been postponed for less severe climatic conditions. This will be about 2,500 miles of traveling.

W. T. Millar

WTM:rwa

copy for GeoCSelfridge ✓
PTAllsman
GlennStewart
DMEA Files - 2

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 3 1955

January 3, 1955

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-3329 - (Mica)
Henry Lee Robinson
Chandler Mills Mine
Sullivan County, New Hampshire
Contract No. Idm-E714

Transmitted herewith are the Government, Division and Docket copies of Amendment No. 1 to the subject contract, which have been executed by both the Government and the Operator.

W. T. Millar
W. T. Millar

Enclosures - 3

DMEA
Summary Report
December 31, 1954

Operator:	Henry Lee Robinson
Address:	Box 262, Newport, New Hampshire
Mine & Location:	Chandler Mills Mine, Sullivan County, N. H.
Docket No.:	DMEA-3329
Contract No.::	Idm-E714
Commodity:	Mica
Total Cost:	$1,500.00
Government Participation:	$1,125.00 - 75%
Duration of Contract:	Nov. 25 1954 to February 25, 1955 (Amended)

The purpose of this contract is to explore for strategic mica.

The work consists of driving 50 feet of drift on the mica zone in the pegmatite. Work is to be completed by February 25, 1955.

On December 31, 1954 there had been completed 35 feet of drifting.

DOCKET FILE
Surname:
Anderson
Houk
Talbot
Selfridge
Johnson
Whitehead

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

DEC - 8 1954

Mr. W. T. Millar
Executive Officer, DMEA
Field Team, Region VIII
Bureau of Mines
Eastern Experiment Station
College Park, Maryland

Subject: Docket No. DMEA-3329 - Mica
Henry Lee Robinson
Chandler Mills Mine
Sullivan County, New Hampshire
Contract No. Idm-E714

Dear Mr. Millar:

Please find herewith the original and five copies of Amendment No. 1 to the subject contract. If it meets with your approval please sign it and present it to the Operator for approval and signature.

If any part of this amendment does not have either your approval or that of the Operator and cannot be amended within your delegated authority, then the original and all copies of the amendment are to be returned to this office, together with the proposed changes for consideration.

After execution of the amendment, the copies are to be distributed in the usual manner.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JHB)

Approved:

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

Thor H. Kiilsgaard (JHB)
Member, Geological Survey

Enclosures 6

WCAnderson:ad 12/3/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

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

November 15, 1954

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-3329 - (Mica)
Henry Lee Robinson
Chandler Mills Mine
Sullivan County, New Hampshire
Contract No. Idm-E714

Transmitted herewith are the original and three copies of H. L. Burmeister's Field Inspection Report of November 11, 1954, for the subject contract.

W. T. Millar

W. T. Millar

Enclosures - 4

Department of the Interior
Defense Minerals Administration
RECEIVED
NOV 16 1954

Department of the Interior
Defense Minerals Administration
RECEIVED
NOV 16 1954

DMEA
Field Inspection Report
by
H. L. Burmeister, Engineer
November 11, 1954

Docket No. DMEA-3329 - (Mica)
Contract No. Idm-E714
Property: Chandler Mills Mine
Sullivan County, New Hampshire
Henry Lee Robinson, Box 262, Newport, New Hampshire

This property was visited today, November 11, 1954, and the applicant, Henry Lee Robinson, was interviewed.

Mr. Robinson states that he signed the subject contract yesterday, November 10, 1954, and sent it to College Park, Maryland. He says that this was not done at an earlier date for the reason that until November 10, 1954 he was undecided whether the cost to him or the Government was justified. After inspecting the workings, the engineer agrees that his reasoning was sound. The footwall had rolled upward nearly to the point of contacting the hanging wall. After about 8 feet of advance, the footwall now shows a flattening which is a good indication and considered a sound reason for continuing the contract work.

Mr. Robinson was told that he had not started the work on or before the required date of November 1, 1954, and would therefore have to write to the Executive Officer requesting an extension of the starting date. The engineer believes the date was passed due to a reasonable doubt regarding the results of exploration. The engineer assisted Mr. Robinson in formulating a letter to the Executive Officer requesting an extension of starting date. It is believed that this is good policy when the production of this mine is considered. It is well to remember that the proposed exploratory drift may encounter a point where the footwall and hanging wall meet. The Operator was instructed that in this event he should proceed not more than 3 rounds or approximately 15 feet before consulting with the College Park Office.

Anticipating a possible extension of time the Operator was given one sheet each of Monthly Report forms and instructed in the matter of executing them. If an extension of time is given the Operator should be supplied with sufficient Monthly Report forms for two months.

It is requested that Mr. Robinson be supplied with five or six copies of "Questions and Answers" and the accompanying Order No. 1, revised. These would be supplied by Mr. Robinson to friends of his.

Application forms and "Owner's Consent to Lien" were supplied to Mr. Robinson for use on another property he has in mind.

/s/ H. L. Burmeister

College Park, Md.
November 15, 1954

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 12 1954

November 10, 1954

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-3329 - (Mica)
Henry Lee Robinson
Chandler Mills Mine
Sullivan County, New Hampshire
Contract No. Idm-E714

Transmitted herewith are the original and two copies of the subject contract, which have been properly executed by both the Government and the Operator.

W. T. Millar

W. T. Millar

Enclosures - 3

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 12 1954

College Park, Maryland

November 10, 1954

Mr. H. L. Robinson
Box 262
Newport, New Hampshire

Subject: Docket DMEA-3329 - (Mica)
Chandler Mills Mine
Sullivan County, N. H.
Contract No. Idm-E714

Dear Mr. Robinson:

Receipt of the original and four copies of Contract No. Idm-E714, signed by you, is hereby acknowledged.

Please refer to Article 3 of your copy of the contract. It is stated, "The work to be performed is described in Exhibit "A". The Operator on or before November 1, 1954 shall commence the work and on or before February 1, 1955 - - - - - - - shall complete the work."

If exploratory work has continued on your deposit during the seven weeks since the contract was submitted for your signature, it may be necessary to change the description of the proposed exploration. Mr. H. L. Burmeister is now in New England and will call on you.

Very truly yours,

W. T. Millar, Executive Officer
Bureau-Survey Field Team
Defense Minerals Exploration
Administration, Region VIII

WTM:rwa

copies for Mr. Selfridge - 3
DMEA Files

Docket Copy
Surname:
Houk
Chandler
Selfridge
Robinson

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

SEP 23 1954

Mr. W. T. Millar
Executive Officer, DMEA
Field Team, Region VIII
Bureau of Mines
Eastern Experiment Station
College Park, Maryland

Subject: Docket No. DMEA-3329 - Mica
Henry Lee Robinson
Chandler Mills Mine
Sullivan County, New Hampshire

Dear Mr. Millar:

Please find herewith the original and five copies of a contract covering the subject exploration project which have been signed by the Government with register number and effective date as shown. It is subject to the attachment of Owner's Consent to Lien on the form revised July 1, 1954. A copy of a memorandum from the Legal Division, dated September 15, 1954, is enclosed for your information.

If the contract meets with your approval present it to the Operator for approval and signature after you have checked the present faces of the mine. Please explain to the Operator that the contract, when executed, is a firm commitment under the terms of which he is obligated to complete the work outlined at the agreed unit cost. If any part of this contract does not have either your approval or that of the Operator and cannot be amended within your delegated authority, then the original and all copies of the contract are to be returned to this office, together with the proposed changes for consideration.

After execution of the contract, the copies are to be distributed in the usual manner. Copies of memoranda from the Bureau of Mines, dated July 22, 1954, and from the Geological Survey, dated July 26, 1954, are enclosed.

Sincerely yours,

George C. Selfridge
(Rg 257)

Chairman, Operating Committee

Approved:
J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

Enclosures 11

JHopkins:gad 9/20/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5227
Mr. Houk

R.C.S.

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

Department of the Interior
Defense Minerals Administration
RECEIVED
SEP 15 1954

September 15, 1954

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-3329 - (Mica)
Chandler Mills Mine
Sullivan County, New Hampshire

Attached are six executed copies of Form MF-203, "Owner's Consent to Lien" received from Mr. H. L. Robinson relative to the subject application.

W. T. Millar

W. T. Millar

No legal description!

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON 25, D. C.

September 15, 1954

Memorandum

To: The Administrator, DMEA

From: Acting Assistant Solicitor, Defense Minerals

Subject: Henry Lee Robinson, Docket No. DMEA-3329 (Mica)

Attached is a contract covering the above-described project in satisfactory legal form for execution, subject to the attachment of Owner's Consent to Lien on the latest form which refers to the land description in the contract rather than to the description in the lease, the latter description not having any metes and bounds.

You will note that the Operator is a lessee of the mineral rights in mica only.

J. L. Hofflund

J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

Attachments 8

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON 25, D. C.

September 15, 1954

Memorandum

To: The Administrator, DMEA

From: Acting Assistant Solicitor, Defense Minerals

Subject: Henry Lee Robinson, Docket No. DMEA-3329 (Mica)

Attached is a contract covering the above-described project in satisfactory legal form for execution, subject to the attachment of Owner's Consent to Lien on the latest form which refers to the land description in the contract rather than to the description in the lease, the latter description not having any metes and bounds.

You will note that the Operator is a lessee of the mineral rights in mica only.

J. L. Hofflund

J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

HCRubin/emd
Attachments 8

Copy to: DMEA Docket
Solicitor's Docket
L. G. Houk (2)
J. L. Hofflund
H. C. Rubin
chron.

Examine with view toward denial

and maps which are being [illegible] Have F.T. check location before [illegible]

M 0

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE .....

REFERRED TO:

1. .....
2. .....
3. .....

This is for M&F4. .....

~~docket, the other cy. has been put in~~

FOR: 3133

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply, for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: .....

Want for reply & my plan

Check (X) before the items needing attention

Check with Robinson right away at same date

ROBERT E. ADAMS

Initials of sender.

GPO 16—63815-1

Cut labor down + call
Miller and see if the
applicant is going to pay
royalty on sales from
Nuclear. Demi DALGH 3DB3
Interim Report July 19

August 6, 1954

In telephone conversation with Mr. Burmeister at College Park it was agreed we can cut one machine, or $150.00

Estimate by applicant $1592.48
150.00
50 | 1442.48
$28.85 / foot.

He says he has settlement sheet for the sale of mica that Robinson made from land he, which Govt will tell Madeira for royalty.

Robinson worked for Madeira and was paid for work by Madeira. Money for sale made by Robinson was not turned over to Madeira. Transaction is between Robinson and Madeira and does not concern contract for Chandler Mica Mine.

Regime New OCL and ~~[illegible]~~ before showing up Contract.

W Campbell

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

AUG 9 1954

August 6, 1954

Memorandum

To: Walter C. Anderson, Room 4637, Interior Bldg.

From: H. L. Burmeister

Subject: Docket DMEA-3329 - (Mica)
Chandler Mills Mine
Sullivan County, N. H.

In conformance with your telephone request of this morning, I have made the attached sketch of the area leased by the applicant, Henry Lee Robinson, as it appears to be from the description.

This sketch is without scale and is of use only in representing the area of leased ground referred to in the subject application and later description furnished by Mr. Robinson.

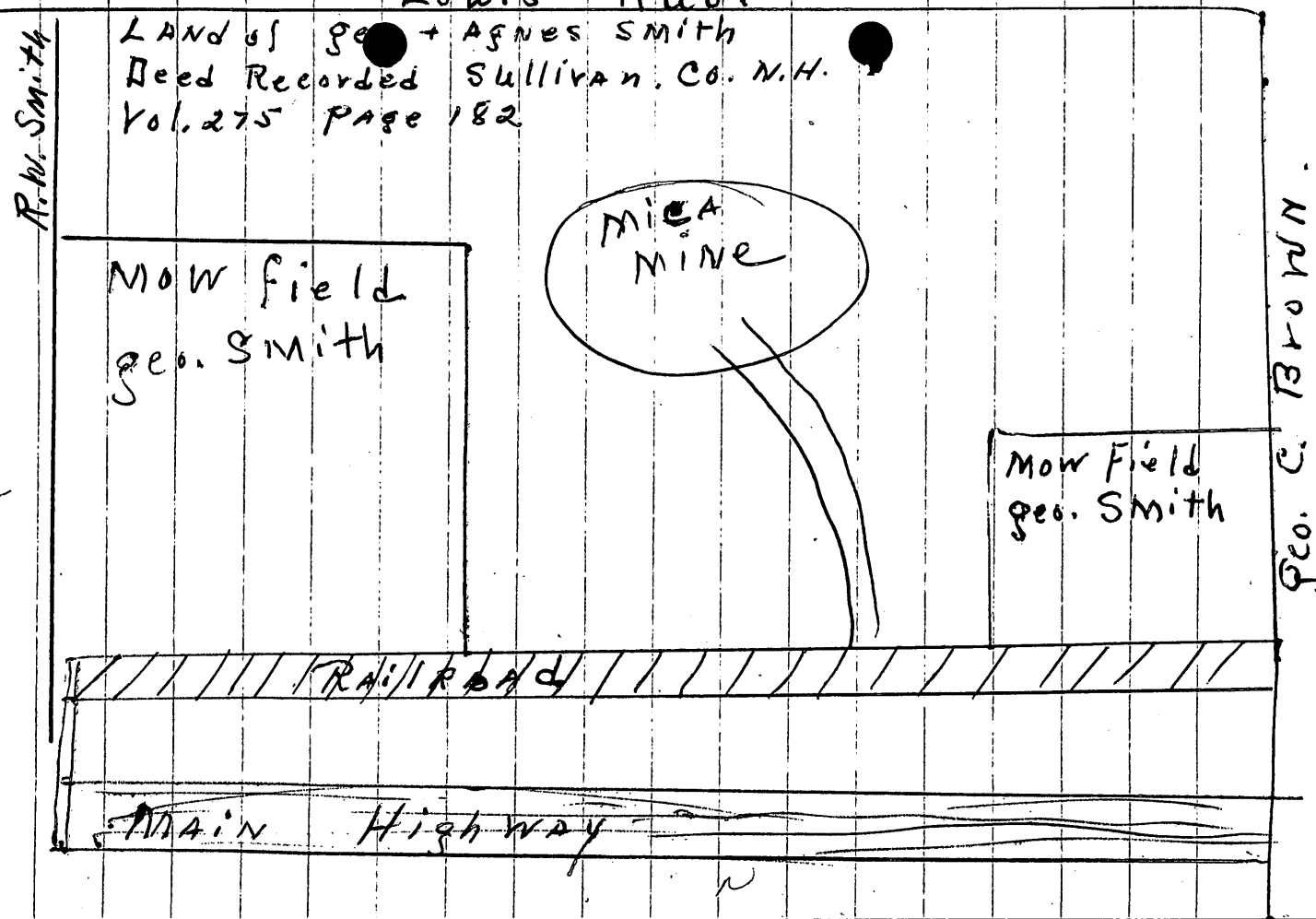
Following your suggestion, seven copies of form MF-203 (revised July 1, 1954), are being mailed to Mr. Henry Lee Robinson for execution by the owner of the property.

H. L. Burmeister

H. L. Burmeister

Enclosure

Lewis Hunt S



Chandler mills Tavern

3

275/182 war Feb. 7, 1941

Florence E. Parmenter

to

George F. Smith

Agnes E. Smith

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

JUL 20 1954

Mr. Henry Lee Robinson
Box 262
Newport, New Hampshire

Re: Docket No. DMEA-3329 - Mica
Chandler Mills Mine
Sullivan County, New Hampshire

Dear Mr. Robinson:

This will acknowledge receipt of your letter received on July 14, 1954, concerning land description of the subject property.

The description submitted is inadequate. It is not enough to merely name bordering properties and fences. A proper legal description should be given in the deed. It should identify the property either as to the fractional portion of Section, Township and Range, or by metes and bounds that describe a closed traverse.

Mr. H. L. Burmeister of the DMEA Field Team, Region VIII, Bureau of Mines, will be in your neighborhood during the coming week. If you will contact him, he will be glad to give you any assistance you need to comply with our request.

Your application will receive prompt attention upon receipt of the requested information.

Sincerely yours,

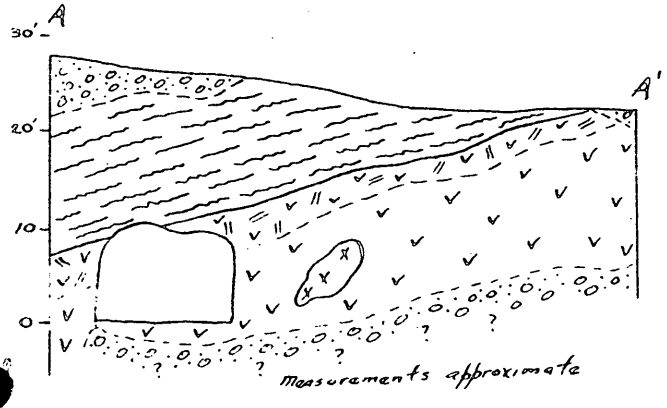
O. Mitchell

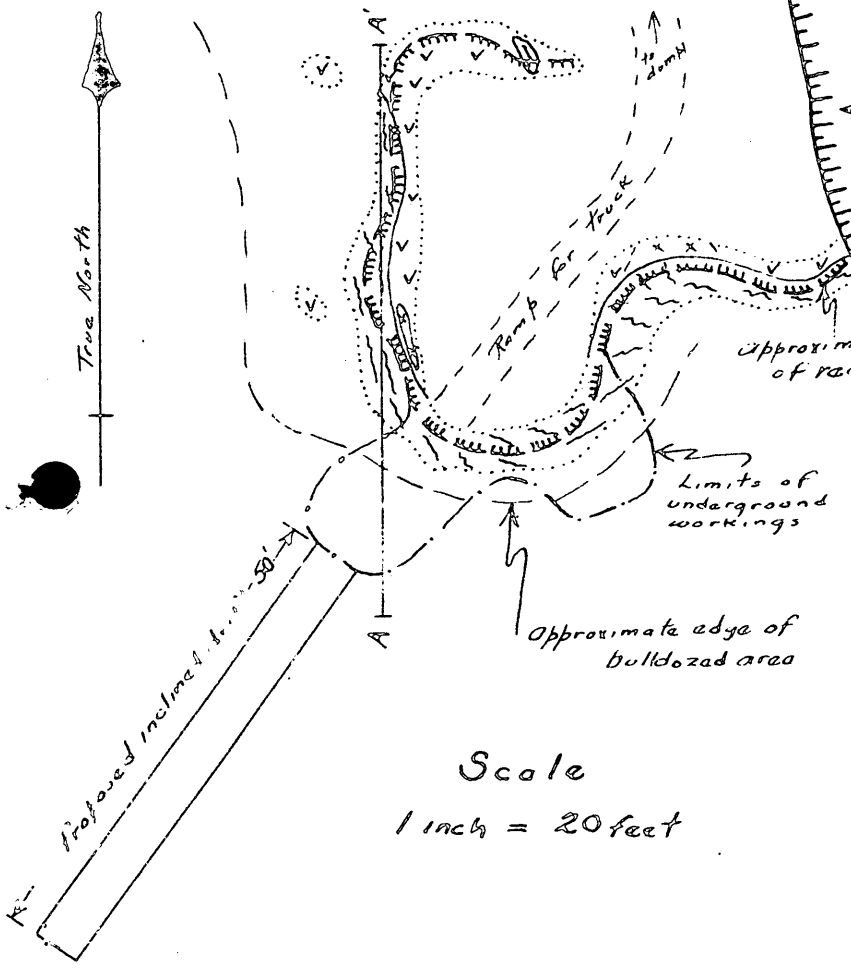
Administrator

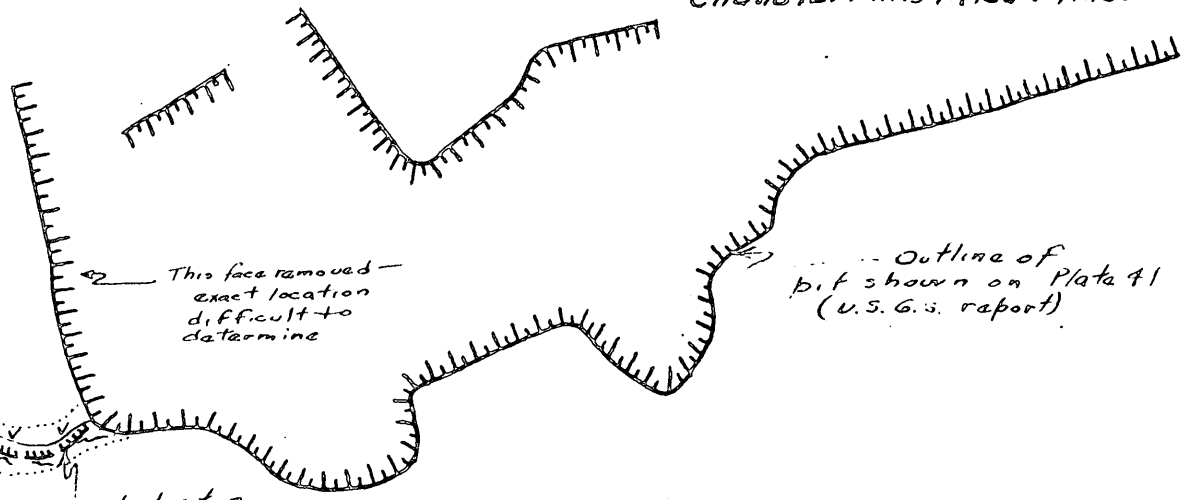
CHANDLER MILLS MICA MINE

NEWPORT, SULLIVAN CO., N.H.

Overlay map – to be used with Plate 41, U.S.G.S. Prof. Paper 255, 1954 – Map of the G.F. Smith and Chandler Mills Mica Mines







EXPLANATION

- Overburden and backfill
- Quartz pegmatite
- Plagioclase-quartz pegmatite
- Plagioclase-quartz-muscovite pegmatite – sheet mica-bearing
- Quartz mica schist

Scale

1 inch = 20 feet

Record compiled from U.S.G.S. 1954 Glenn W. Stewart U.S.G.S.

IN REPLY REFER TO:
G-MD-CNM

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

July 26, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA 3329 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: H. L. Robinson, Box 262, Newport, New Hampshire
Name of property: Chandler Mills Mine
Location of property: Sullivan County, New Hampshire
Date of Field Team report: July 15, 1954
Authorship of Field Team report: H. L. Burmeister and Glenn W. Stewart
Field Team's recommendation: Drift 50' @ S. 35° W. Total cost $1592.48
(If operator sets the bearing, the difference between true and magnetic bearings should be explained to him. Many are not familiar with this.)
Comments: This deposit has yielded considerable strategic mica. Altho variable, the peg is worth an investigation.
ACTION RECOMMENDED: Follow Field Team's recommendation.

D. M. Larrabee

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

July 22, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3329 (mica)

Applicant: Henry Lee Robinson

Name and Location of Property: Chandler Mills Mine
Sullivan County, New Hampshire

Date of Field Team Report: July 15, 1954

Date Rec'd. by Ceramic & Fertilizer Mtls. Br.: July 20, 1954

Field Team Recommendation:

1. Approval of an exploration project in the amount of $1,592.48.

Comments:

1. Good quality mica has been produced from this mine.
2. The proposed exploration project is consistent with good engineering practices.

Recommendation:

I concur in the field team's recommendation for an exploration project in the amount of $1,593.00.

W. F. Dietrich

W. F. Dietrich

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

July 15, 1954

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-3329 - (Mica)
Chandler Mills Mine, Chandler Station
Sullivan County, New Hampshire

Transmitted herewith in quadruplicate is the Field Team Report on Examination of subject property.

W. T. Millar

W. T. Millar

Enclosures - 4

Reviewed by
DMEA OPERATING COMMITTEE
7-21-54
(date)

Field Team Report on Examination of Property

by
H. L. Burmeister and Glenn W. Stewart 1/

8/3/54

DMEA Docket No. 3329 - (Mica)
Henry Lee Robinson, Box 262, Newport, New Hampshire
Property: Chandler Mills Mine, Chandler Station,
Sullivan County, New Hampshire

Summary

The purpose of this application is to explore for additional reserves of strategic mica. The applicant requested that a 5 x 7 foot drift 50 feet long be driven to explore the indicated mica zone.

Field Team representatives examined the property on June 24, 1954.

Due to the complex internal structure of the pegmatite and the irregular or "rolling" contact between the pegmatite and the wall rock, the most practical direction for an inclined drift is difficult to determine. The mica zone as observed in the working faces of the southwest stope as well as elsewhere appears to range from 4 to 6 feet thick and lies immediately below the hanging wall. Due to the irregularities of the low dipping hanging wall it is believed that a slightly inclined drift on a bearing of approximately S.35°W. would best explore the hanging-wall mica zone, not only along the strike but to a certain extent on the dip, developing a small block above the drift.

The most recent workings in the hanging-wall mica zone indicate that the ratio of mine run mica to pegmatite mined is about 1 to 100 due to taking up floor to accommodate a truck. This is unnecessary and the ratio can be

1/ H. L. Burmeister, Mining Engineer, Bureau of Mines
Glenn W. Stewart, Geologist, Geological Survey

Reviewed by
DMEA OPERATING COMMITTEE
7-21-54
(date)

raised to at least 1.5 to 100. In spite of intermittent operation, production of strategic mica has been quite large.

Conclusions

This property has produced mica of strategic quality but the operations have been intermittent. The mica is zoned and is in sufficient quantity to be produced in a probable ratio of mine-run mica to pegmatite mined of about 1.5 to 100. It is concluded that this pegmatite is worthy of exploring for additional reserves of strategic mica.

Recommendations

The Field Team recommends that the Government approve this application for an exploration loan, on 75 percent participation at a total cost of $1,592.48, as outlined in the application. It should be specified that the drift bearing be approximately S.35°W.

Time Spent on Property

This property was examined by the Field Team representatives on June 24, 1954. They were at the property for 6 hours in company with the applicant, Mr. Henry Lee Robinson.

Name and Location of Property

The Chandler Mills Mine is located at Chandler Station, Sullivan County, New Hampshire, and is reached on paved roads from Claremont, New Hampshire, by taking Route 11 to Kelleyville and crossing the bridge. At this point turn right onto the "Old Newport" road and continue for about 2 miles to the mine. These roads are well traveled throughout the year.

Competency of Applicant

The applicant has successfully operated a number of mica mines and has what is probably the best mica mining personnel in the State. No

adverse reports are known regarding Mr. Robinson's financial responsibility.

Property Rights

The applicant holds the mining rights on this property under lease from George F. Smith and Agnes Smith, the owners. The lease is effective for two years after May 7, 1953 with the option to renew for an additional two years.

To the best knowledge of the Field Team, the Operator has not furnished a legal description of the property as requested by the Administrator on June 9, 1954. The entire lease as described is subject to royalty payments and it is believed that mining could not well extend beyond the "pasture" described in the lease. The Owner's Consent to Lien was included with the application.

Description of Property

About 200 feet of rock road connects the County road with the mine workings. All mining has been done in one open pit to which the mine road had direct access by ramp. A derrick is on the property but not used as the maximum depth of the floor is 25 feet below the surface and a small truck has been used for removal of the mined pegmatite. The most recent mining operations consist of two small underground openings made by advancing the southeast face of the pit under the hanging wall. (See attached map).

General Geology of the Pegmatite 2/

This pegmatite is a tabular body that strikes about N.50°E. in the vicinity of the mine workings and the dip ranges from 15° to 74°SE. It may have an average thickness of about 20 feet.

The internal structure is complex, however the wall zone continues to contain concentrations of book mica. An excellent concentration was exposed

2/ Much of the general information in the following description of the mine has been abstracted from the USGS Professional Paper 255, 1954, p. 289-291.

on the southeast face of the southwest stope. The pegmatite continues to show bodies of quartz which probably represent segments of a discontinuous core. Around the periphery of these quartz bodies book mica is commonly present, some of which contain strategic sheet mica. Beryl has been reported, but none was observed in the working faces.

Although it has been suggested that underground mining might not be profitable, it is believed that the initial work done in the small open stopes by the applicant is encouraging and the mica bearing wall zone should be explored further.

The quality and recovery of sheet mica from the mine-run mica is satisfactory. The wall mica zone contains hard, relatively flat, and rum-colored books which average about 3 by 4 inches. The largest book observed in the southwest stope was 6 by 8 by 2 inches. The quartz bodies which were exposed did not show any books of mica. An estimate of ore reserves is not possible at this time.

Past Production

Mining at this property began prior to 1942 and continued at intervals until 1944. E. N. Cameron gives the production to November 1943 as being 42 tons of mine-run mica. The mine was reopened by the applicant in 1952 and production has continued intermittently to the present time.

The applicant furnished the following data on production and sales of mica during his operations:

1952 - 20 tons hand-cobbed mica

1953 - 55 tons hand-cobbed mica

1954 - 6 tons hand-cobbed mica from 3/10/54 to 4/7/54

From May 1952 to April 7, 1954 the sales to the Franklin and Spruce Pine Depots have totaled approximately $32,000. in trimmed mica.

Mr. R. D. Thomson, commodity analyst, furnished the following data on mica purchased by the Government during 1952 and 1953:

Good stained	-	645 pounds
Stained	-	691 pounds
Heavy stained	-	68 pounds
Total	-	1404 pounds

Mr. Thomson estimates that at average prices this total would be valued at approximately $34,500.00.

Availability of Manpower, Equipment and Supplies

The capable personnel presently employed would do the proposed exploration work. Supplies are obtainable locally and all necessary equipment with the exception of a pump and hoist are owned by the applicant and furnished on a depreciation basis.

The current hourly wage rate in the district is $1.50 for miners and $1.25 for laborers.

Discussion of Applicant's Proposal

The exploration work as outlined in the application has been reviewed with the applicant. The unit cost of $30,333 per foot of drift as well as the detailed costs from which it was developed are considered reasonable and sufficient to complete the work proposed.

This examination reveals that mining operations conducted since the application was submitted, make it advisable to change the direction of the drift. A contract should specify that the drift should be driven on a bearing of approximately S.35°W. and that the back of the drift be kept on the hanging wall contact, thus following the mica zone. The proposed drift would explore the mica zone not only along the strike but to a certain degree down the dip.

The total cost of this project is estimated at $1,592.48 with Government participation to the extent of 75 percent - $1,194.36.

W. T. Millar, Executive Officer
Bureau-Survey Field Team
Defense Minerals Exploration
Administration, Region VIII

(for) Quentin D. Singewald, U. S. Geological
Survey Member, Bureau-Survey Field Team
Defense Minerals Exploration
Administration, Region VIII

College Park, Maryland
July 12, 1954

Mica Mine leased to Henry Lee Robinson by Geo. & Agnes Smith -
Bounded and described as follows
Known as Chandlers Mills Mine
. Bounded by the only pasture fence, containing 35 acres more or less.

Colorado Mining Bureau
RECEIVED
JUL 24 1954

Bounded on west by George Brown
Bounded on South by Louis Hiot.
Bounded on north by fence running parallell along railroad and mow fields of George Smith and East by R. W. Smith -

George Smith
Agnes Smith
June 12, 1954

Dear Sir:
I hope this description is what you want so I can go to work soon.

Sincerely yours,
H. L. Robinson

FILE COPY

Anderson
Houk

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

JUL 20 1954

Mr. Henry Lee Robinson
Box 262
Newport, New Hampshire

Re: Docket No. DMEA-3329 - Mica
Chandler Mills Mine
Sullivan County, New Hampshire

Dear Mr. Robinson:

This will acknowledge receipt of your letter received on July 14, 1954, concerning land description of the subject property.

The description submitted is inadequate. It is not enough to merely name bordering properties and fences. A proper legal description should be given in the deed. It should identify the property either as to the fractional portion of Section, Township and Range, or by metes and bounds that describe a closed traverse.

Mr. H. L. Burmeister of the DMEA Field Team, Region VIII, Bureau of Mines, will be in your neighborhood during the coming week. If you will contact him, he will be glad to give you any assistance you need to comply with our request.

Your application will receive prompt attention upon receipt of the requested information.

Sincerely yours,

C. O. Mittenderf (for)

Administrator

WCAnderson:ag 7/16/54
Copy to: Admr. R. File
Docket File
Operating Committee
Field Team, Region VIII
Mr. Dietrich, 3061
Mr. Larrabee, 5216
Mr. Houk

R.C.G.

FILE COPY
Surname:
Anderson
Houk
Selfridge
Johnson

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

JUN 11 1954

Mr. W. T. Millar
Executive Officer, DMEA
Field Team, Region VIII
Bureau of Mines
Eastern Experiment Station
College Park, Maryland

Subject: Docket No. DMEA-3329 - Mica
Henry Lee Robinson
Chandler Mills Mine
Sullivan County, New Hampshire

Dear Mr. Millar:

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

Copies of memoranda from the Geological Survey, dated April 30, 1954, and from the Bureau of Mines, dated June 3, 1954, are enclosed for your information.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JHB)

Approved:

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

D. M. Larrabee (JHB)
Member, Geological Survey

Enclosures 4

WCAnderson:gad 6/9/54
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3061
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.S.

FILE COPY
Surname:
Anderson
Larrabee
Herbes
Hamilton

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

Mr. Henry Lee Robinson
Box 242
Newport, New Hampshire

JUN 11 1954

Re: Docket No. DMEA-3329 - Mica
Chandler Mills Mine
Sullivan County, New Hampshire

Dear Mr. Robinson:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. W. T. Millar, Executive Officer, DMEA Field Team, Region VIII, Bureau of Mines, Eastern Experiment Station, College Park, Maryland, for further consideration and possibly a field examination.

Please advise this office in writing if you desire to have your application processed under the new Government participation rate which is 75 percent of the approved cost.

At the same time, kindly furnish us with an adequate legal description of your property which is not contained in the documents you submitted. The legal description should state the bounding bearings and distances, and the total acreage. A property map, if available, would be helpful.

The Regional Office will contact you at an early date if an examination is to be made. Any assistance that you may give the members of the field team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf (fw

Administrator

WCAnderson:gad 6/9/54
Copy to: Admr. R. File
Docket File
Operating Committee
Field Team, Region VIII
Mr. Dietrich, 3061
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.G.

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

June 3, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3329 (mica)

Applicant: Henry Lee Robinson

Name and Location of Property: Chandler Mills Mine
Sullivan County, New Hampshire

Date Application Rec'd. by Ceramic & Fert. Mtls. Br.: April 30, 1954

Comments:

1. Bureau of Mines records show that 290.37 pounds of full-trimmed mica valued at $1760.22 and 608.00 pounds of punch valued at $233.50 were sold to Colonial Mica in 1945 from Chandlers Mills Mica Mine and an average monthly purchase from May to September 1944 of $1,650.83 worth of mica.

2. No lot tickets can be found for domestic mica purchases by the Government from the applicant from Chandler Mills Mine, despite the fact the applicant has stated $32,000 worth of mica was sold to the Government. However, the record shows the applicant sold mica to the Franklin, New Hampshire Depot from the Smith Mine and the Sargent Mine.

3. Proposed exploration is by a 50-foot inclined drift at a cost of $1,592.

Recommendation:

It is recommended that the field team visit this mine to ascertain if an exploration project is justified. If so, the field team and applicant should agree on an exploration project based on unit-cost.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CNM

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

Department of the Interior
Defense Minerals Administration
RECEIVED
MAY 5 - 1954

Memorandum

April 30, 1954

REVIEW OF APPLICATION DMEA-3329 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: Henry Lee Robinson, Box 292, Newport, N.H.
Name of property: Chandler Mills Mine.
Location of property: Newport, New Hampshire.
Summary of applicant's proposal: 50' drift in pegmatite.
$1,592

Sources of information on applicant's property:
U. S. G. S. Prof. Paper 255, p. 289-291

"...the pegmatite shows a structural complexity unrivaled in any other mine studied in New Hampshire"

The most continuous mica shoot is that along the hanging wall.

Considerable doubt as to economic underground mining conditions was expressed.

Sharp rolls in the hanging wall were common, and should be anticipated.

Comments:

Without a geological report upon the present exposures, it is difficult to appraise the proposal. Also, no dimensions suitable to ascertain the mica content of rock moved are given.

However, the amount requested is certainly not exhorbitant.

RECOMMENDATION:

Approval of application. If an examination can be made by Glenn Stewart (U.S.G.S.), this should be done before approval is granted.

D. M. Larrabee

D. M. Larrabee

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

April 30, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region VIII

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region VIII.

DMEA - 3329 Henry Lee Robinson

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

April 30, 1954

Mr. Henry L. Robinson
P. O. Box 262
Newport, New Hampshire

Subject: DMEA-3329
Re: Exploration Assistance
Chandler Mills Mine

Dear Sir:

The receipt of your application dated April 9, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3329 and referred to the Non-Metallic Minerals Division.

Kindly refer to DMEA-3329 in any future correspondence relating to your application.

Sincerely yours,

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 29 1954

April 28, 1954

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Chandler Mills Mine - (Mica)
Sullivan County, New Hampshire
Applicant: Henry Lee Robinson
Box 292, Newport, New Hampshire

Transmitted herewith are the original and two copies of subject application and lease, together with six copies of Owner's Consent to Lien.

An engineer from this office assisted Mr. Robinson in executing this application.

W. T. Millar

W. T. Millar

Enclosures

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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APR 29 1954

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. 3329
Metal or Mineral Mica
Date Received
Estimated Cost $1,592
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: Henry Lee Robinson
Box 262
Newport, N. H.

(*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 mica mine located in a certain pasture enclosed by a fence in the Chandler's Mills section of Newport, N. H.

(*b*) State any mine name by which the property is known. Chandler Mills Mine

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

(*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

(*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 Mica.

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 15 days and be completed within 3 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 April 9, 1954

Henry Lee Robinson
(Applicant)

By

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

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

4. (a) The Chandler Mills Mine was operated in 1942 and 1943 before the applicant began operations. For past and present production, refer to Item 4 (b). The applicant has sold at the Franklin, N. H. and Spruce Pine, N. C. mica stations approximately $ 32,000. worth of trimmed mica taken from this mine between May 1952 and April 1954.

Mica is still being mined in spots, but exploration is needed to continue production. The property is easily accessible and is in condition for examination.

4. (b) Early Production not known. May - October, 1943 - 42 tons run of mine mica.
1952 - 20 tons run of mine mica
1953 - 55 " " " " "
1954 - 6 " from March 10 to Date
Ore Reserves - not known.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 29 1954

4. (c) The deposit (Fig. 1) has been extended by the applicant in a southwesterly direction for approximately 90 feet and a depth of approximately 12 feet below the schist hanging wall. The heaviest concentrations of mica have been in the first 6 feet below the gently dipping schist.

4. (d) Mine is located just off black top, year around, road known as "Old Newport Road" approximately 5 miles west of Town of Newport, N. H.

4. (e) Sufficient manpower is available in the immediate vicinity of mine, and material, supplies and equipment are available at all times.

5. (b) It is proposed to drive an inclined drift 50 feet (Fig. 1), following the schist hanging wall. The roof or back of the drift to be at the contact of schist and pegmatite for the reason that this section of the pegmatite has proved to contain the greatest concentrations of mica. (WIM)

The muck from the tunnel will be dragged out in a slusher type pan by use of a gasoline driven hoist. The muck will then be taken out of the pit by truck.

It is believed that the hanging wall will not vary greatly in dip, but if it does, we have included a small contingency fund to be used for the sole purpose of removing the floor to provide an even grade for removal of broken material.

5. (d) The applicant has operated mica mines in North Carolina and New Hampshire for a period of 5 years. Was born in Spruce Pine, N. C., and has worked in Mica and Feldspar Mines for a number of years before operating 4 mica mines presently in this area. The applicant will superintend all operations.

6. (a) Independent Cpmtractors - none.

JUSTIFICATION OF UNIT COST

(b) Labor, Supervision, Consultants.

1 Round			
1 Driller	8 hours	$ 12.00	
2 Muckers		20.00	
1 Truck Driver & Mucker		10.00	
1 Hoist Operator		12.00	
	Labor per day	54.00	
	15 days		$ 810.00
Superintendent's part time @ $100. per month for 3/4 month.			75.00
Total Labor & Superintendent			$ 885.00

6. (c) Blasting Supplies:

Dynamite 600 lbs. @ $ 24.	$ 144.00	
Electric Detonators	46.00	
Lead wire	5.00	
Tamping bags	3.50	$ 198.50

Other Supplies:

Gas for Compressor, Waterpump, Truck & Hoisting Engine for 15 days @ 25 gal. per day @ $.30	$ 112.50	
Oil - 15 gal. for above @ 1.	15.00	
4 Carbide bits @ 15.	60.00	
Resharpen bits 5 times @ 5.	25.00	$ 212.50
Total Operating Materials & Supplies		$ 411.00

6. (d) Use Allowance:

Depreciation for 15 days on $2000. Compressor	$ 16.65	
" Jackhammer	9.00	
Air hoses	4.20	
Truck	20.00	$ 49.85
Rental:		
Hoist Rental @ 100. per mo. plus 10. trans.	60.00	
Water Pump Rental (Including Electric Power)	25.00	85.00
Total Operating Equipment		$ 134.85

(e) None

(f) None

(g) Accounting	15.00	~~15.00~~
Payroll Taxes:		
State Unemployment $ 885. @ 2.7%		
S. S. " " 2.0%		
Federal Unemployment " " 0.3%		
" " 5.0%	44.25	
Workmen's Compensation Ins. - Estimated 3% on 885.	26.55	
Total Miscellaneous		$ 85.80

SUMMARY FOR UNIT COST

Labor & Superintendence	$ 885.00
Operating Materials & Supplies	411.00
Operating Equipment	134.85
Miscellaneous	85.80
Total Cost	$ 1516.65

$ 1516.65 ÷ 50 = $ 30.333 per foot

6. (h) Contingencies 5% of $ 1516.65 $ 75.83

Contingency fund to be used expressly for taking up floor if the hanging wall schist rolls.

$ 1592.48 (N.T.M)
Grand Total
÷ 50 = $31.85

THIS INDENTURE made in the Town of Newport, County of Sullivan, and State of New Hampshire, on the 7th day of May, 1953, between George Smith and Agnes Smith, both of said Newport, hereinafter called the Lessors, and Henry Lee Robinson, of Burnesville, in the State of North Carolina, hereinafter called the Lessee.

WITNESSETH:

That the Lessors, in consideration of royalties, covenants and agreements hereinafter reserved, and by the Lessee to be paid, kept, observed and performed, hereby leases to the Lessee all the following property and rights, to wit:

The mica mine belonging to the Lessors and located in a certain pasture enclosed by a fence upon their property in the Chandlers Mills section of said Newport, Together with the hoist, boom pole and all other equipment now located on said mine privileges and the right to have adequate dumping ground for waste within the aforementioned pasture limits.

Also together with the right to engress and egress to said mine over other property of the Lessors doing no unnecessary damage thereto and the right to work said mine in the manner Lessee sees fit provided, that said work shall be in a good and workmen like manner.

Reserving, however, to the Lessors the right to use in common with the Lessee the roadway which runs through the herein leased premises upon which said mine is located.

TO HAVE AND TO HOLD unto the Lessee for a term of two (2) years from the date hereof, unless sooner terminated or forfeited through, or by reason of, the violation of non-observance of any agreements or covenants hereinafter set forth on the part of the Lessee to be kept, observed and performed. The Lessee shall have the option to renew and extend this lease for a period of two (2) years from the end of the term herein created, upon the same agreements and conditions as herein contained, provided said Lessee shall give to the Lessors a written notice of his intention to exercise said option at least thirty (30% days prior to the expiration of the term herein created. Provided, however, that the months of January, February and March of any year during the life of this lease or extension thereof, shall be exempted

from all provisions of said lease including the requirement of royalty payments, but further provided, that if the Lessee should operate and mine any mica in any of the aforementioned exempted months then the terms of this lease shall fully apply to any such exempted month.

That in consideration of said lease the Lessee convenants and agrees with the Lessors as follows:

1. To pay and deliver to the Lessors as royalty upon all mica that may be mined and sold from the property during the term of this lease fifteen percent (15%) of the gross sales price of said mica mined and sold. Said Lessee shall pay as advance payments of said royalty the sum of Two Hundred Dollars ($200.00) on June 15, 1953 and Two Hundred Dollars ($200.00) on the 15th day of each month thereafter. Said advance payments shall be credited against the fifteen percent (15%) of the gross sales price to the Lessors as royalty but in no event shal the Lessee be entitled to be reimbursed in any amount of the advance payments in the event said fifteen percent (15%) does not equal the advance payments of Two Hundred Dollars ($200.00) per month.

2. To account and make payment to the Lessors by the 15th of each month for the royalty payment due them for the preceeding monthly period.

3. To store in the Lessors premises any mica mined prior to the payment of the first advanced payment on June 15, 1953.

4. To sell all processed mica at least once in every sixty (60) days.

5. To carry at his own expense public liability insurance in an amount satisfactory to the Lessors, in such a form that the Lessors will be held harmless for any losses or damage caused by the operation by the Lessee of said mine and also in such form that any damage to the Lessor's home caused by operations of said mine shall be within the terms of said policy.

6. To sell all mica mined and make all payments and settlements of royalties hereunder with sixty (60) days from the expiration of the term of this lease or any extension thereof.

7. To give five (5) minutes advance notice before blasting to any person in the home of the Lessors.

8. To keep the roadway running through the herein leased premises free from any blasting debris and to clean up all blasting debris which may fall upon any property of the Lessors adjoining the herein leased premises.

9. To permit and allow the Lessors to inspect, at all reasonable times, all records, statements and books belonging to the Lessee in connection with the operation of said mine.

10. Not to extend the limits of said mine beyond the limits of the aforementioned pasture.

11. To fix or repair any damage caused to the Lessors water supply and system caused by the operations of said mine.

12. Not to put any buildings on the land herein demised without the Lessor's consent.

13. That this lease shall not be sold or assigned to any person, firm or corporation whatsoever without the Lessor's consent.

14. That, upon failure of the Lessee to keep. observe or perform any of the agreements or covenants hereinabove to be kept, observed or performed by the Lessee, the term of this lease shall, at the option of the Lessor expire, and the same, and the property hereby demised, together with all structures erected thereon, and all fixed machinery placed therein, shall become forfeited to the Lessors, and the Lessors, or its agents or attorneys, may, thereupon, immediately after demand for possession, enter upon the said property and dispossess all persons occupying the same, with or without force, and with or without process of law; or, at the option of the Lessors, the Lessee, and all persons found in occupation of the property, or any part thereof, may be proceeded against as guilty of unlawful detainer; and the Lessors shall be entitled, in case of forfeiture, or at any other termination of this lease, to recover from the Lessee any and all sums that may be due to it under the terms hereof or because of any failure or neglect to the Lessee, or of any person or persons acting under it,

to keep, observe or perform all or any of the agreements or covenants hereof.

15. That, upon the termination of this lease, by expiration, forfeiture or otherwise, the Lessee shall deliver up the property, with all structures erected thereon, and all fixed machinery placed therein, in good order and condition, with the mine ready for immediate and continuous working, so far as the same shall have been opened or reopened, unavoidable accidents alone excepted.

16. That time shall be of the essence of this indenture and of every agreement and covenant thereof; and

17. That this indenture shall inure to the benefit of, and be binding upon, the parties hereto, and their successors and assigns respectively.

IN WITNESS WHEREOF the parties hereto have set their hands and seals the day and year first above written.

(Signed) Elizabeth J. Maley	(Signed) George F. Smith	(Seal)
(Signed) Elizabeth J. Maley	(Signed) Agnes E. Smith	(Seal)
(Signed) Elizabeth J. Maley	Lessors	
	(Signed) Henry Lee Robinson	(Seal)
	Lessee	

A TRUE COPY ATTEST:

Henry L. Robinson

THE STATE OF NEW HAMPSHIRE Sullivan, SS. April 7, 1954

Personally appeared the above named Henry L. Robinson and acknowledged the foregoing to be a true copy of lease.

Before me:

Howard H. Shedd
11/14/57
Notary Public

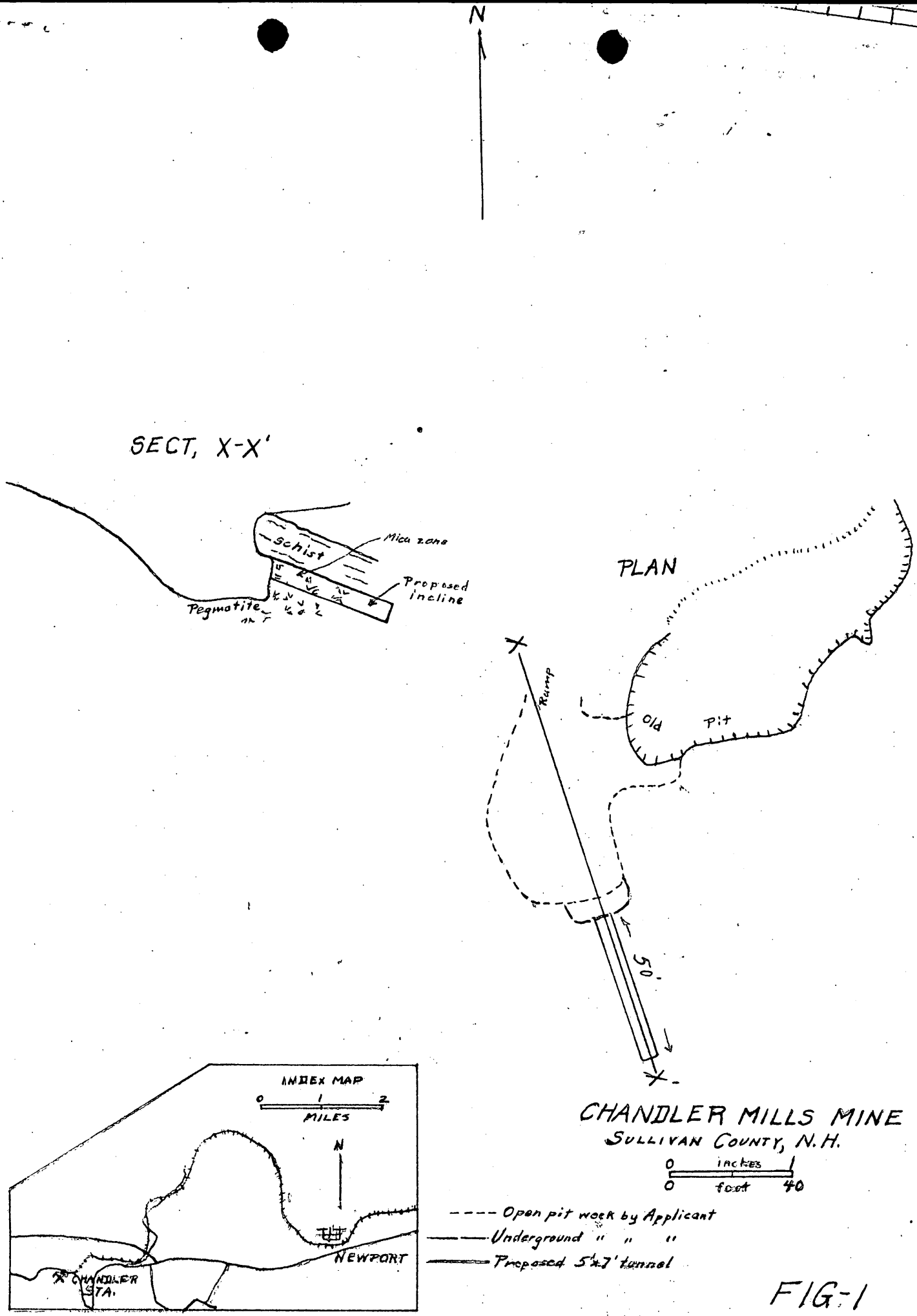
N
SECT, X-X'
Schist
Mica zone
Proposed incline
Pegmatite
PLAN
Ramp
Old
Pit
50'
X
X'
INDEX MAP
0
1
2
MILES
N
NEWPORT
CHANDLER STA.
CHANDLER MILLS MINE
SULLIVAN COUNTY, N.H.
0
inches
0
feet
40
---- Open pit work by Applicant
—— Underground " " "
—— Proposed 5'x7' tunnel

FIG-1

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of New Hampshire, County of Sullivan, described ~~as follows:~~ 1/

in a lease dated May 7, 1953, and recorded in book 356, page 19, official records of said county.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Henry Lee Robinson

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions

Dated this 9th day of April, 1954.

George F Smith [Seal]

Agnes E Smith [Seal]

[Seal]

1/ 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.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

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

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, as follows:

(a) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(b) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

c. Definitions.--As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

d. Lien for Payment.--To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Interior--Duplicating Section, Washington, D. C. 47318

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of New Hampshire, County of Sullivan, described ~~as follows~~ 1/

in a lease dated May 7, 1953, and recorded in book 356, page 19, official records of said county.

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2/ Henry Lee Robinson

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4. Changes and added provisions

Dated this 9th day of April, 1954.

George F Smith [Seal]

Agnes E Smith [Seal]

[Seal]

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Interior—Duplicating Section, Washington, D. C. 47318

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of New Hampshire, County of Sullivan, described ~~as follows:~~ 1/

in a lease dated May 7, 1953, and recorded in book 356, page 19, official records of said county.

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2/ Henry Lee Robinson

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Agnes E. Smith [Seal]

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Interior—Duplicating Section, Washington, D. C. 47318

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of ~~New Hampshire~~, County of ~~Sullivan~~, described as ~~xxxxx~~ follows:1/

~~in a lease dated May 7, 1953, and recorded in book 356, page 19, official records of said county.~~

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ ~~Henry Lee Robinson~~

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4. Changes and added provisions _____

Dated this ~~9th~~ day of ~~April~~, 195~~4~~.

George F. Smith [Seal]

Agnes E. Smith [Seal]

_____ [Seal]

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Interior—Duplicating Section, Washington, D. C. 47318

MF-203
(Revised July 1, 1953)

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Interior—Duplicating Section, Washington, D. C. 47318

Form MF-203 -
This copy typed at College Park Office, DMEA, as only 5 copies were received from the applicant.

OK - per Mr. Johnson
Wash. Office

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

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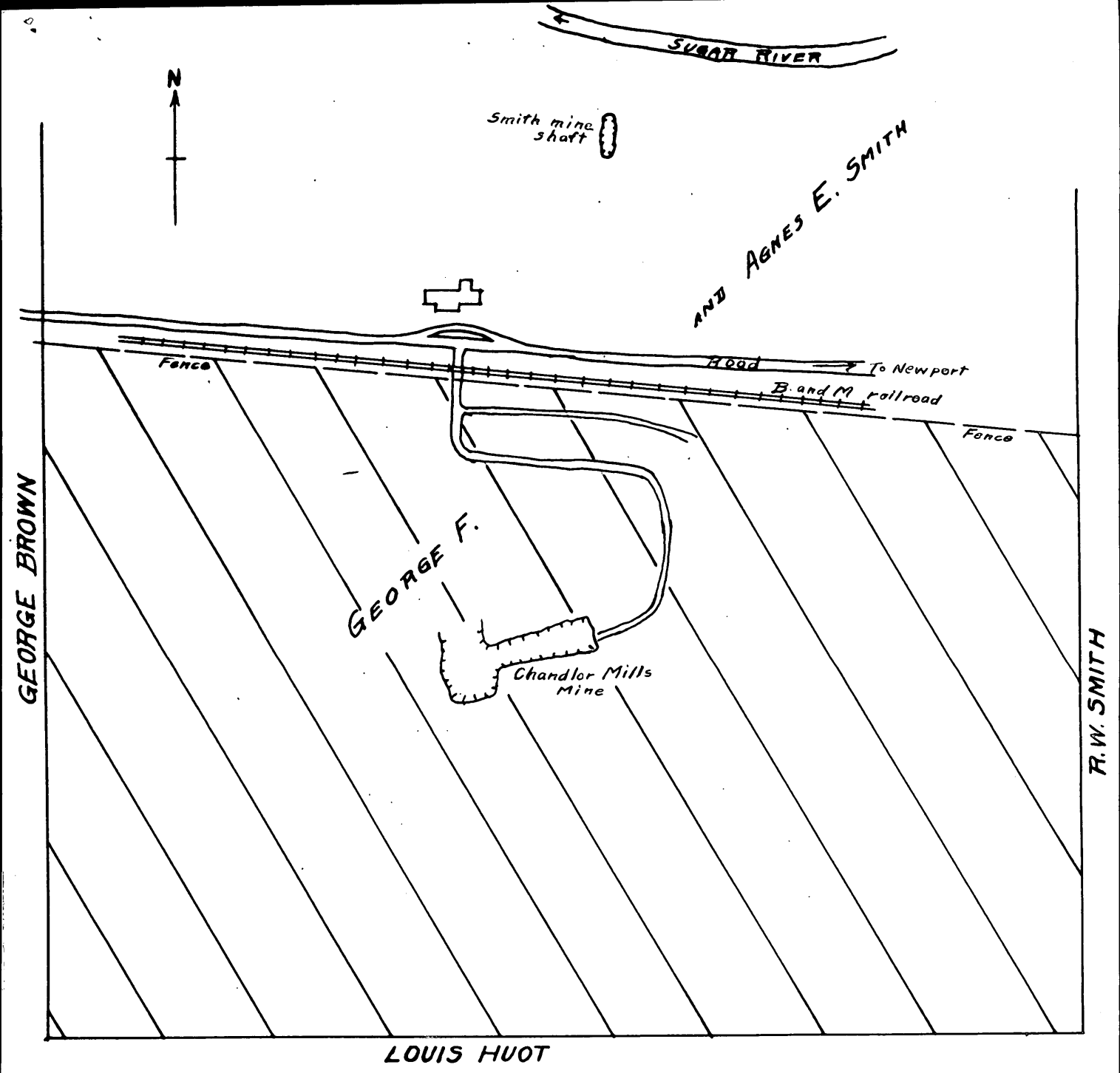
Interior—Duplicating Section, Washington, D. C. 47318



SKETCH

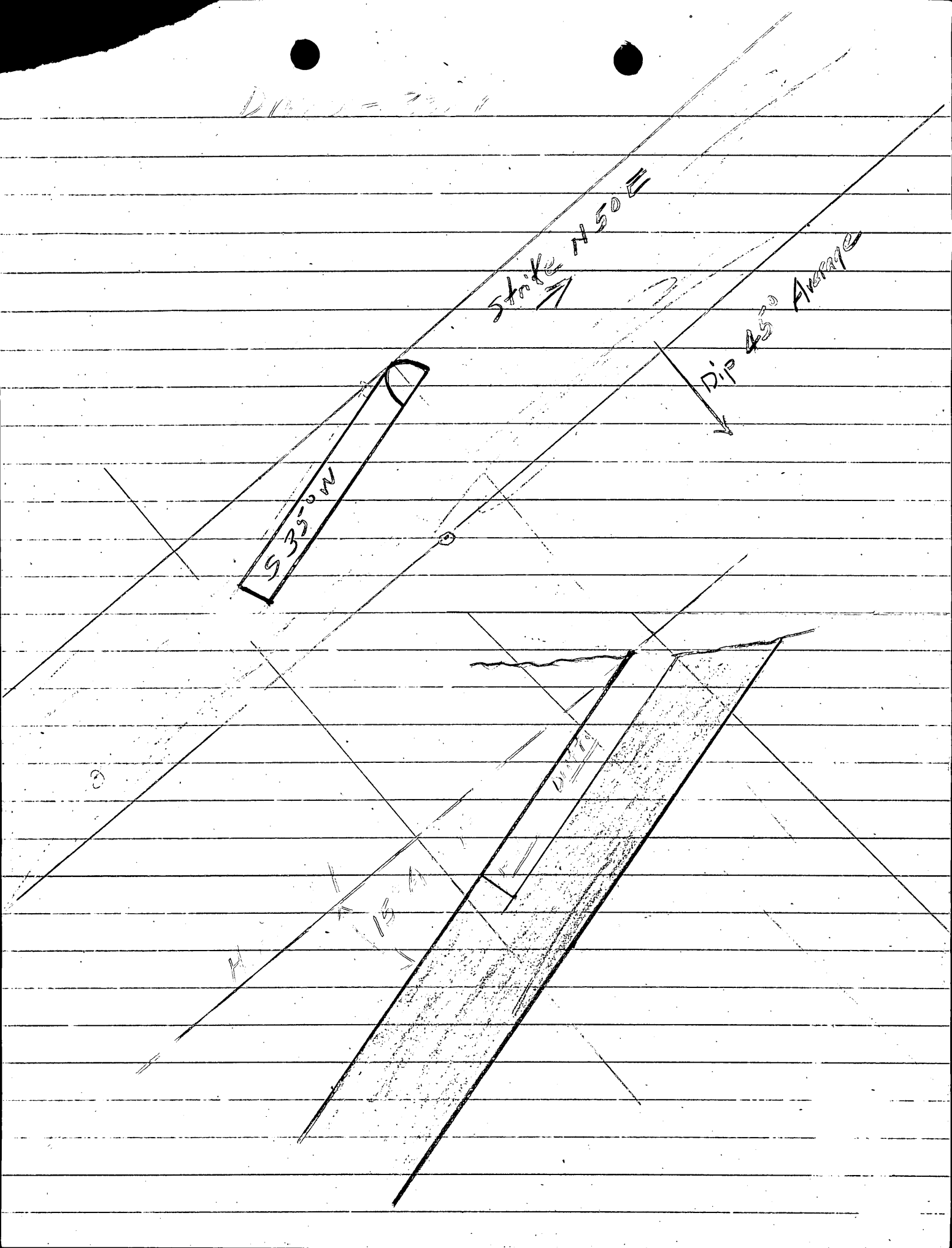
CHANDLER MILLS MINE

SULLIVAN COUNTY, N.H.

DOCKET DMEA-3329

— NOT TO SCALE —

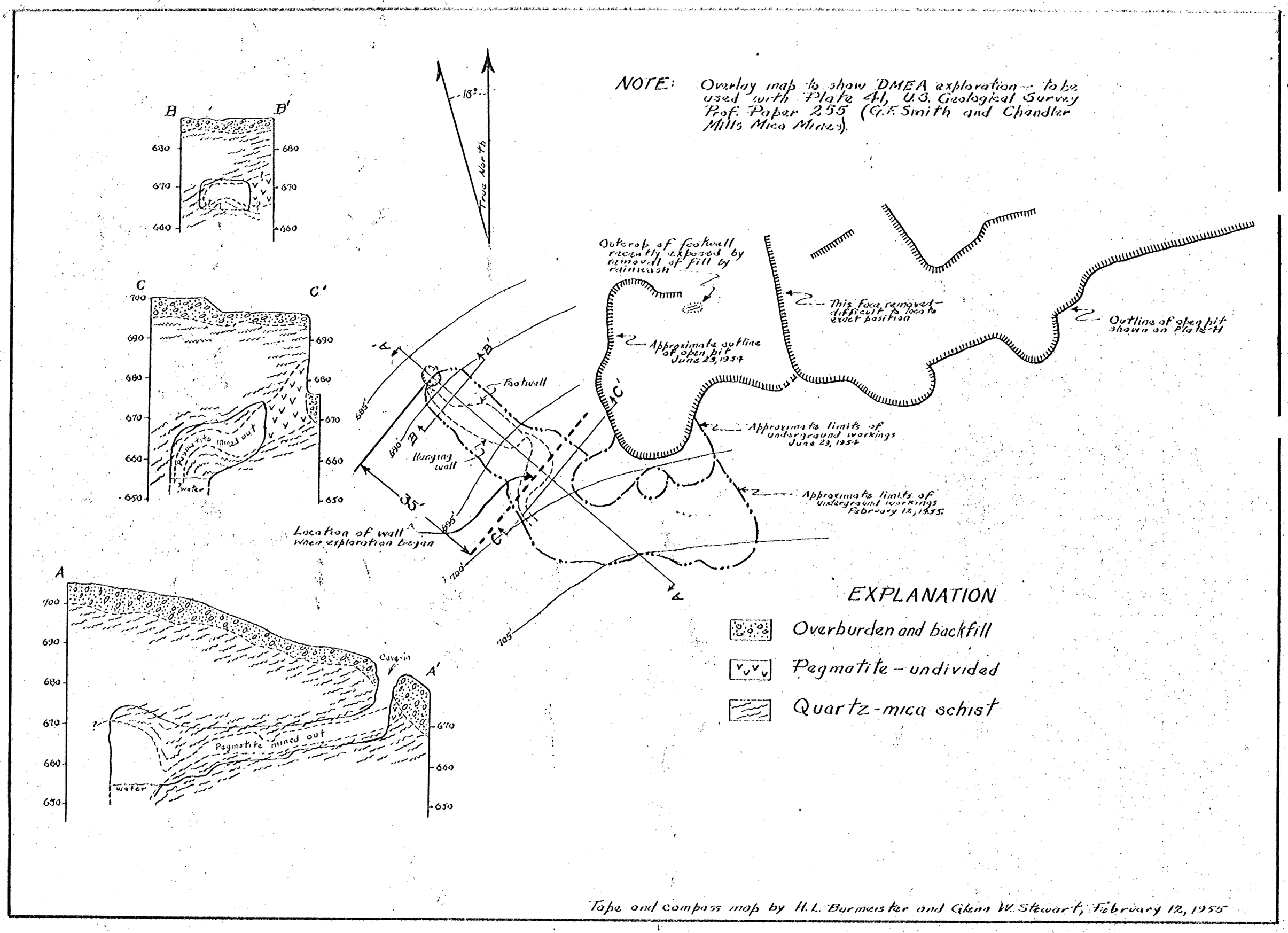
AREA LEASED BY H.L. ROBINSON


Strike N50E
Dip 45° Average
S35°W

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

OFFICIAL BUSINESS

Mr. George C. Selfridge, Chairman
Operating Committee - D.M.E.A.
Dept. of the Interior
Washington 25, D.C.



Tape and compass map by H.L. Burmeister and Glenn W. Stewart, February 12, 1955

CHANDLER MILLS MICA MINE, NEWPORT, N.H.

20 0 20 40 60 80 100 feet

Contour interval 5 feet