☑ Audited 3/24/58

☐ Certified

WORK ANALYSIS SHEET - DMEA PROJECT

Analysis as of Feb. 15, 1955
Incl. Voucher for Dec. 55

☐ Actual Cost

☑ Agreed Unit Costs

Name Henry Lee Robinson

State New Hampshire

Commodity Mica

Docket No. 3329

Idm-E No. 714

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	50 Ft	$1,500.00	35	$1050.00	$1050.00
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		$1500.00		$1050.00	$1050.00

Prepared by W. C. Anderson

71626

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Henry Lee Robinson
Box 262
Newport, New Hampshire

pertaining to Exploration Project Contract No. Idm-E714, Docket No. DMEA-3329, including Amendment No. 1, for the month of December, 1954, covering a project for the exploration of mica on property, known as the Chandler Mills Mine, located in Sullivan County, New Hampshire.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, verification of performance of the work by reference to Field Team correspondence, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the following reason:

all of the costs incurred were under a contract provision for payment by the Government on the basis of agreed estimated costs of units of work actually performed.

The review disclosed the following facts in regard to the amount paid or to be paid the contractor:

Total cost as billed by Contractor		$1,050.00
Exceptions:		
By DMEA Finance Officer	$ - 0 -	
Herewith	- 0 -	-0-
Total Accepted Cost		$1,050.00

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Seven hundred eighty-seven and 50/100 Dollars

$787.50

is considered valid and proper, provided that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

E. D. Talbert

E. D. Talbert, Auditor

March 24, 1955

Division 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
Hoffman
Anderson
Hook
Chambers
Selfridge
Neuendorf

Division Copy
HCRubin:gjb 11/30/54

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 3 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. G. Miller
Executive Officer
DMEA Field Team, Region VIII

Boston
Hoffman
Anderson
Houk
Talbot
Selfred

HENRY LEE ROBINSON

By Henry Lee Robinson

Division copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 12 1954

MF-200A
(Revised June 1954)

Docket No. DMEA [illegible]

Commodity Iron

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] Harry Lee Portman,

whose mailing address is Box 262
Dover, 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] iron 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 [illegible], page [illegible], 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: as 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 [illegible] The work to be performed is described in Exhibit "A." The Operator on or before [illegible] shall commence the work, and on or before [illegible] (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 $[illegible] The Government will contribute 75 percent of the fixed unit costs as work is performed, in a total sum not in excess of $[illegible]: *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.

THE UNITED STATES OF AMERICA

[illegible]
(Operator)

By [illegible]

By [illegible]
Administrator, Defense Minerals
Exploration Administration

Hoffman Selfridge
Hydin
Chamberlin
Hoch

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

DEPARTMENT OF THE INTERIOR
Bureau of Mines
Minerals Administration
RECEIVED
NOV 12 1954

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

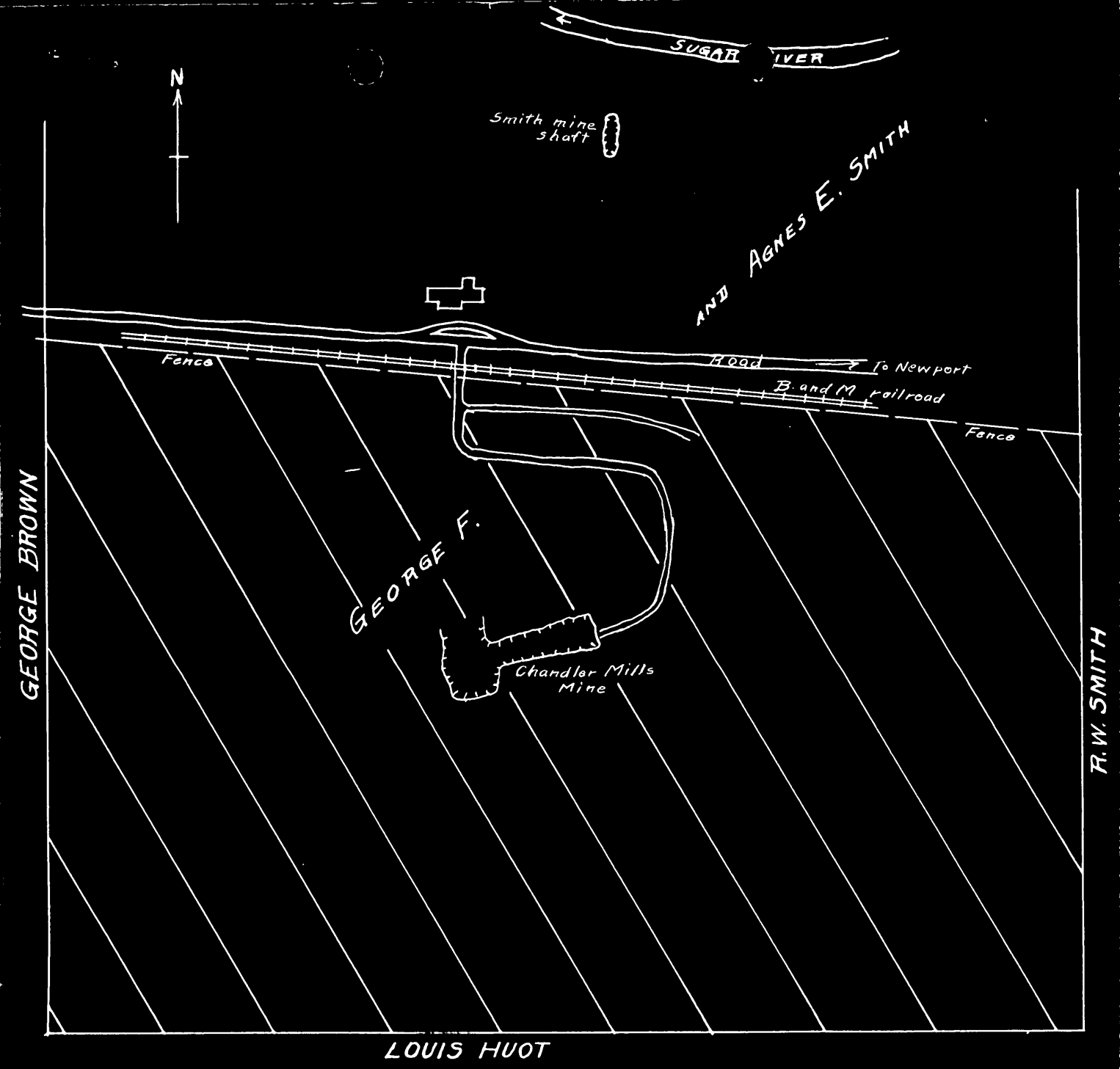
ANNEX I

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.



SKETCH

CHANDLER MILLS MINE

SULLIVAN COUNTY, N.H.

DOCKET DMEA-3329

— NOT TO SCALE —

AREA LEASED BY H.L. ROBINSON

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 12 1954

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

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

603

FEB 17 1956

Mr. Henry Lee Robinson
Box 264
Newport, New Hampshire

Re: Docket No. [illegible]
Henry Lee Robinson
Chandler Mills Mine
Sullivan County, New Hampshire
Contract No. [illegible]

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,

[illegible]

Administrator

WCAnderson:ms 2/13/56
Copy to: Admr. R. File
Docket
Mr. Chambers
Mr. Killaguard, 5222
Mr. Dietrich, 3061
Field Team, Region V(Land Owners' Copies attached for forwarding)
Mr. Houk
Mr. Anderson
Mr. George F. Smith
Mrs. Agnes F. Smith

Project Summary Report

By: Walter C. Anderson 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.

WCAnderson:ms 2/15/56
Copy to: Admr. R. File
Mr. Houk
Mr. Anderson

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

RECEIVED
FEB 13 1956

February 10, 1956

Memorandum

To: Helen Miller, Ass't Administrative Officer, Region V

From: Executive Officer, DMEA - Region V

Subject: Royalty payment on- Idm-E714, DMEA-3329, Henry Lee Robinson, Chandler Mills Mine, Sullivan County, New Hampshire

Transmitted is a check in the amount of $3.50 for mica recovered during exploration on the subject contract. No sales sheet was received.

Robert A. Laurence

ZM.
cc:
Lynch
Mittendorf
Miller
Files

600

DEC 16 1955

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. Idm-8714

Dear Mr. Robinson:

Under Article V (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. Mittendorf

Administrator

WCAnderson:nd 12/15/55
Copy to: Admr. R. File
Docket
Field Team, Region V
Mr. Killegaard, 5222
Mr. Dietrich, 5261
Mr. Hook
Mr. Anderson

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

September 14, 1955

Memorandum

RECEIVED
SEP 16 1955

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V

Subject: Unsettled Royalty Accounts.
Your letter of September 9, 1955

We wrote to the three Operators concerned (DMEA-3329, 3391, 3402) in July, but have had no replies. We are writing them again this week for the necessary information and payments, and will advise you when we receive an answer.

Robert A. Laurence

RAL/mm

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. Mw Norris
100 Park View
Newport, New Hampshire

Re: Contract Idm-E714, 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 V

VJL/xm

cc:
Lynch
Millar
Opr. Com.-2
Files

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 1[illegible], Post Office Bldg.
Knoxville 2, Tennessee

Dear Mr. Laurence:

Reference is made to our letter of June 27, 1955, relative to six unsertified 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-3472	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

Approved:

P. F. Yopes
Member, Bureau of Mines

/s/ N. E. Nelson
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

JUN 27 1955 600

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-3402	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. Seffridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

WCAnderson:gad 6/22/55

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

5/18/55 -

When Operators final report is waived use Termination Date as beginning of 6 month period for issuing Certification Discovery - per. L.L.H.

WEA

IN REPLY REFER TO:

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

May 19, 1955

Re: DMEA-3329, Xdm-5714
E. 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

NENelson:blm
G-5/19/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
W. F. Dietrich, 3061 Interior

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

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.

Signed

W. F. Dietrich

Anderson

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 5/9

REFERRED TO:

1. 600
2.
3.
4.

FOR:

..... 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: Nov 25, 1954 - What was production during contract period
ask Thompson if he disagrees
show mine thru 70 Barlow

Check (X) before the items needing attention.

Thompson has no record since 1953

ROBERT E. ADAMS

Initials of sender.

GPO 16—63815-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 511 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
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
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch
Member, Bureau of Mines

RAL/sm.
cc:
Lynch
Millar
Stewart
Allsman
Files

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 12 - 1955

FINAL REPORT ON TERMINATED CONTRACT

by

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

DMEA Docket No. 1289 - (Mica)
Contract No. IDs-5714
Operator: Henry Lee Robinson, Box 268, 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 Kellayville, New Hampshire, (see location map). Total production to February 14, 1955 was 4,164 pounds of full-trimmed mica, 0.75 tons of sorted 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 14, 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 rail having led the drift toward the surface, the back of the drift, just westward of the 35-foot mark, served 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. No

Description of Work Completed

Exploration work started on November 23, 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 walls 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 1/

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.

1/ 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 certain concentrations of book mica, but they were discontinuous. Several quartz bodies exposed during recent mining suggest that they represent segments of a discontinuous zone. 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 northeasterly 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 run 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)	

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 consideration 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 explorations)		0.15	575	" " "
Totals -	42	0.75 0.90	4164	

Corrected 5/6/58 Report 8840

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 $102,820.00.

Total Mica Production

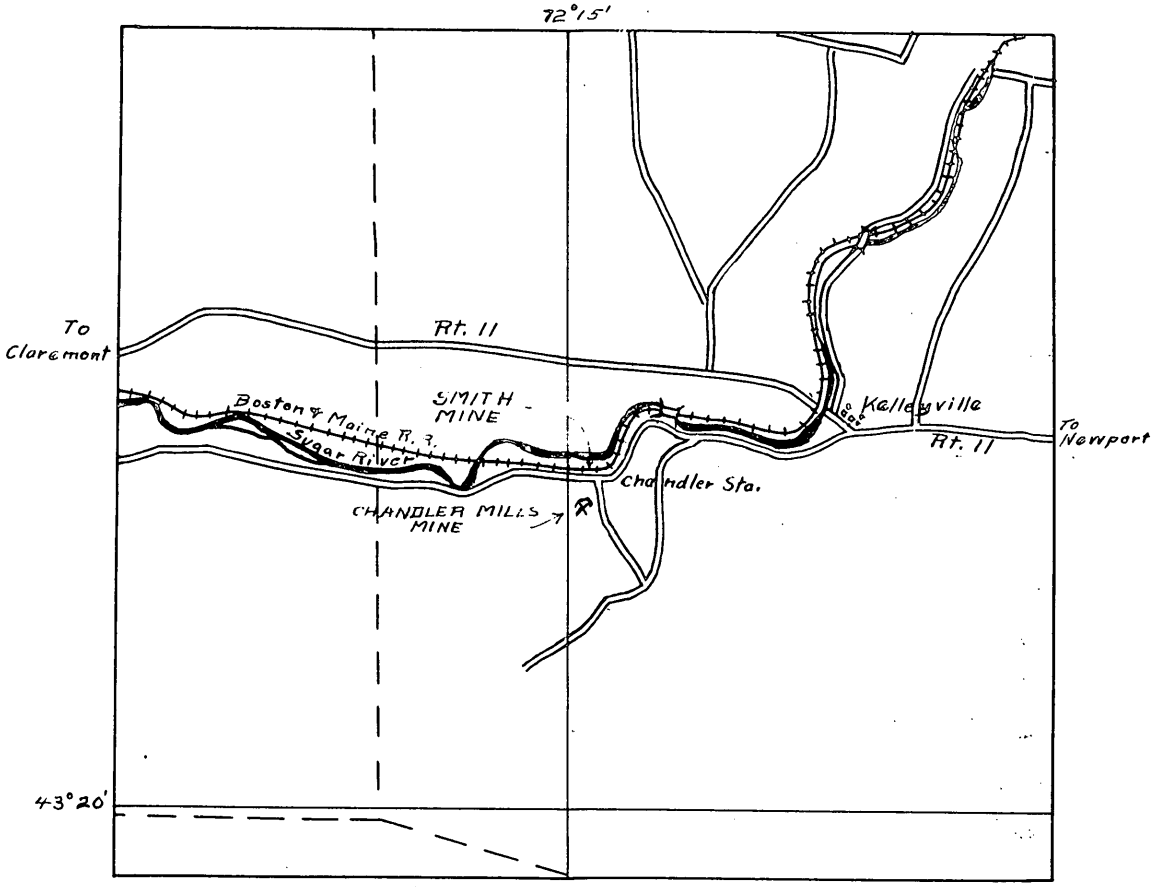
	Tons Mine Run	Tons Cobbed	Pounds Trimmed	Source
Previous to Nov. 1943	42			E.N.Cameron, USGS.
1952 and 1953			1404	R.D.Thomson, Commodity analyst.
1954		0.75	2185	Franklin Mica Depot.
1955 to Feb. 14				
From exploration		0.15		H.L.Robinson, Operator.
Other production			575	Franklin Mica Depot.
Totals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

0 miles 1

DEPARTMENT OF THE INTERIOR
Mineral Administration
RECEIVED
MAY 2 - 1955

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

ZM.
cc:
Lynch
Millar
Finance Office
Lynch
Files

MAR 7 - 1955

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

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

Dear Mr. Lawrence:

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

Approved:

J. H. Hedges

Member, Bureau of Mines

E. L. Newcomb

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. Hook

600

February 23, 1955

Memorandum

To: Mr. J. L. Koffland, 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-8714

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 G. Anderson
Nonmetallic Minerals Division

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
ROOM 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-K714, 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, Acting
Executive Officer, DMEA
Field Team, Region V

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

WAB/am

Millar
Lynch
Files

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

C O P Y

College Park, Maryland

February 16, 1955

Memorandum

To: V. 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 Mills Mine
Sullivan County, New Hampshire
Contract No. Idm-E714

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

W. T. Millar

Attachments

Contract Idm-E714
(DMEA-3329)

C O P Y

February 11, 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 this 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 hard cobbed mica valued at about $70.00. The mica was of poor grade and in small sheets.

Very truly yours,

Henry Lee Robinson

C O P Y

C
O
P
Y

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

C O P Y

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 1 1955

College Park, Maryland

January 31, 1955

Memorandum

To: Robert A. Laurence, Executive Officer, DMEA, Region V, Knoxville, Tennessee

From: W. T. Millar, Supervising Mining Engineer, College Park, Maryland

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 the first Monthly Progress Report received from Henry Lee Robinson for the subject contract, covering the period November 25 through December 31, 1954. This is sent to you for approval and signature.

Also enclosed are copies of our letter of January 14, 1955 to Mr. Robinson and his reply of January 20, 1955.

W. T. Millar

Enclosures

rwa

copies for GeoCSelfridge, Chrm., DMEA Oper. Comm., W.O.
PTAllsman
DMEA Files, CP

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 1 1955

College Park, Maryland

January 28, 1955

Mr. Henry Lee Robinson
Box 262
Newport, New Hampshire

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

Dear Mr. Robinson:

Your letter of January 20, 1955 supplying information on the exploration under the subject contract, was received today.

The information supplied is interesting but regretable that it is not more favorable. According to your description probably there is a band or roll in the pegmatite and we agree with you that there is no necessity to continue work on the same bearing of the drift.

Mr. Burmeister expects to inspect your operation in the near future and might be able to assist in planning additional work if it is considered justified. Until then, please discontinue exploration under this contract.

Your monthly progress report is being processed for payment of the Government's share of the cost of exploration.

Very truly yours,

W. T. Millar
Supervising Mining Engineer

WTM:rwm

copy for GeoCSelfridge, Chrm., Oper. Comm., W. O.
DMEA Finance Officer, Knoxville, Tenn
RobtALawrence, Exec. Off., DMEA, Reg. V
DMEA Files - 2, CP

TRUE COPY

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 1 1955

January 20, 1955

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

Dear Mr. Millar:

In answer to your letter of January 14,1955. We cleaned the muck out and fixed a road back to the starting place in November. We actually drilled our first heading on December 1, 1954. We followed the hanging wall as directed.

On December 31, 1954 we shot through into the dirt, and it fell in. The hanging wall led us into the ground. We found less than 300 pounds of very poor mica along the roll in the wall.

I don't believe it is necessary to go any further in the direction we are going. I hope this explains the situation to your satisfaction.

Very truly yours,

/s/ Henry Lee Robinson
Henry Lee Robinson

copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 1 1955

College Park, Maryland

January 14, 1955

Mr. Henry Lee Robinson
Box 262
Newport, New Hampshire

Subject: Docket No. DMEA-3329 (Mica)
Chandler Mills Mine
Sullivan County, New Hampshire
Contract No. Idm-E714
(Monthly Progress Report for November and December, 1954)

Dear Mr. Robinson:

Monthly report forms MF-104 and MF-104A, covering progress of exploration under the subject contract for the combined months of November and December, 1954, were received today.

In accordance with the contract, a narrative on the progress for the report period is required. This narrative should explain the progress made and results with your comment on further work. Usually, if the results are favorable the work will continue in accordance with the contract, or if unfavorable you would probably like to terminate the exploration or request an amendment to proceed on other plans which would have to be approved by the Government.

Please forward to this office as soon as possible, the date on which work started and a description in your own words of the progress and results of work to December 31, 1954. Include an estimate of the amount and quality of mica recovered during exploration and if possible a sketch of the drift showing where mica was found. The portion of the report submitted will be held pending receipt of the narrative.

Upon completion of the exploration drift, please notify this office.

Very truly yours,

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

WRM:rwa

copy for PaulTAllsman
DMEA Files - 2

copy for Geo. C. Selfridge, W.O.

TRUE COPY

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 9 1955

January 20, 1955

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

Dear Mr. Millar:

In answer to your letter of January 14,1955. We cleaned the mark out and fixed a road back to the starting place in November. We actually drilled our first heading on December 1, 1954. We followed the hanging wall as directed.

On December 31, 1954 we shot through into the dirt, and it fell in. The hanging wall led us into the ground. We found less than 300 pounds of very poor mica along the roll in the wall.

I don't believe it is necessary to go any further in the direction we are going. I hope this explains the situation to your satisfaction.

Very truly yours,

/s/ Henry Lee Robinson
Henry Lee Robinson

copy

Minerals Administration
RECEIVED
FEB - 9 1955

College Park, Maryland

January 14, 1955

Mr. Henry Lee Robinson
Box 262
Newport, New Hampshire

Subject: Docket No. DMEA-3329 (Mica)
Chandler Mills Mine
Sullivan County, New Hampshire
Contract No. Ida-2714
(Monthly Progress Report for November and December, 1954)

Dear Mr. Robinson:

Monthly report forms MF-104 and MF-104A, covering progress of exploration under the subject contract for the combined months of November and December, 1954, were received today.

In accordance with the contract, a narrative on the progress for the report period is required. This narrative should explain the progress made and results with your comment on further work. Usually, if the results are favorable the work will continue in accordance with the contract, or if unfavorable you would probably like to terminate the exploration or request an amendment to proceed on other plans which would have to be approved by the Government.

Please forward to this office as soon as possible, the date on which work started and a description in your own words of the progress and results of work to December 31, 1954. Include an estimate of the amount and quality of mica recovered during exploration and if possible a sketch of the drift showing where mica was found. The portion of the report submitted will be held pending receipt of the narrative.

Upon completion of the exploration drift, please notify this office.

Very truly yours,

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

WEM:rwa

copy for PaulTAllaman
DMEA Files - 2

Form [redacted] (Apr. [redacted])

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE
PAYMENTS K- 35

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1954 Docket No. DMEA 3[illegible] Contract No. Idm-[illegible]
Operator's Name Henry L. Robinson Minerals Mica
Address Box 262 Lewport, N. H.
Contract Amount, $ 1500. Government Participation: 75% Amount, $ 1125.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	1050.	0	1050.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1050.	0	1050.00	1050.00	—	1050.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 1/11/55 *Payee Henry L. Robinson

Per _____ Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

262.50

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$787.50

Signature Helen R. Muller
(Authorized Certifying Officer)

Date 2-8-55 Vou. No. _____
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 714 in accordance with the terms of the contract.

Signature R. L. Burmeister Title Mining Engineer Date Jan. 28, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

W.T.M.

Signature Robert A. Lauman Title DMEA REGION V Date FEB 1 1955

EXECUTIVE OFFICER

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form [illegible]
(April [illegible])

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Dec. 195 4 Docket No. DMEA 3329 Contract No. [illegible]
Operator's Name Henry L. Robinson Minerals Mica
Address Box 262 [illegible]

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Foot	1050.	35	1050.	35	30.00	50	30.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1050.	35	1050.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1050.		1050.00				1500.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 1/21/55 Operator Henry L. Robinson

Per ..... Title .....

NOTE.—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.

Remarks:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

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-3389
Contract No.::	Idm-8714
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.

Defense Minerals Administration
RECEIVED
NOV 19 1954

College Park, Maryland

November 19, 1954

Mr. H. L. Robinson
Box 262
Newport, Rhode Island

Subject: Docket DMEA-3329 (Mica)
Chandler Hills Mine
Sullivan County, N. H.
Contract No. Idm-5714

Dear Mr. Robinson:

This acknowledges your letter of November 15, requesting that the starting date of Contract No. Idm-5714 be changed from November 1, 1954 to November 25, 1954.

Delay in starting the exploration specified in the contract, pending indications of your exploration already in progress is considered justified and to the advantage of the Government as well as the Operator. You are hereby authorized to commence exploratory work on November 25, 1954 in accordance with the contract. The termination date of the contract is extended correspondingly to February 25, 1955.

Your first progress report on Forms MF-104 and 104A will be due not later than January 15, 1955. This report must include all progress from the starting date, November 25 to December 31 with a narrative describing the results of the exploration.

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
FRKantner, Fin. Off., Reg. 8
DMEA Files - 2

TRUE COPY
Defense Mine
RE

NOV 19 1954

Newport, N. H.
Nov. 15, 1954

Mr. W. T. Millar, Exec. Officer
D. M. E. A. Region VIII
U. S. Bureau of Mines
College Park, Md.

Dear Mr. Millar:

Mr. H. L. Burmeister of your office was at the Chandler Mills Mine today and received D. M. E. A. Contract E-714.

Mr. Burmeister informs me that under the terms of the Contract it was necessary to start work on or before Nov. 1, 1954. I did not sign the Contract earlier for the reason that I was not reasonable sure that the work would produce results. I now believe it will.

I wish to request an extension of the starting date from Nov. 1, 1954 to Nov. 25, 1954. I have done no work specified by the Contract and will not start it untill I hear from you regarding my request for an extension of starting date.

Yours truly,

/s/ H. L. Robinson

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 - Miss 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

Approved:

J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
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

Defense Minerals Administration
RECEIVED
NOV 19 1954

College Park, Maryland

November 19, 1954

Mr. H. L. Robinson
Box 262
Newport, Rhode Island

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

Dear Mr. Robinson:

This acknowledges your letter of November 15, requesting that the starting date of Contract No. Idm-E714 be changed from November 1, 1954 to November 25, 1954.

Delay in starting the exploration specified in the contract, pending indications of your exploration already in progress is considered justified and to the advantage of the Government as well as the Operator. You are hereby authorized to commence exploratory work on November 25, 1954 in accordance with the contract. The termination date of the contract is extended correspondingly to February 25, 1955.

Your first progress report on Forms MF-104 and 104A will be due not later than January 15, 1955. This report must include all progress from the starting date, November 25 to December 31 with a narrative describing the results of the exploration.

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
FRKantner, Fin. Off., Reg. 8
DMEA Files - 2

TRUE COPY

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 19 1954

Newport, N. H.
Nov. 15, 1954

Mr. W. T. Millar, Exec. Officer
D. M. E. A. Region VIII
U. S. Bureau of Mines
College Park, Md.

Dear Mr. Millar:

Mr. H. L. Burmeister of your office was at the Chandler Mills Mine today and received D. M. E. A. Contract E-714.

Mr. Burmeister informs me that under the terms of the Contract it was necessary to start work on or before Nov. 1, 1954. I did not sign the Contract earlier for the reason that I was not reasonable sure that the work would produce results. I now believe it will.

I wish to request an extension of the starting date from Nov. 1, 1954 to Nov. 25, 1954. I have done no work specified by the Contract and will not start it untill I hear from you regarding my request for an extension of starting date.

Yours truly,

/s/ H. L. Robinson

Department of the Interior
Bureau of Mines 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

ollege Park, Md.
ovember 15, 1954

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 III

WTM:rwa

copies for Mr. Selfridge - 3
DMEA Files

Defense Minerals Administration
RECEIVED
SEP 29 1954

College Park, Maryland

September 28, 1954

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

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

Dear Mr. Robinson:

Enclosed find original and five copies of Exploration Project Contract Idm-E714, Docket No. DMEA-3329. If the contract meets with your approval, please sign all six copies (in space provided marked with X), and return the original and four copies to this office, keeping the Operator's copy for your files. If any part of this contract does not meet with your approval, please return all six copies to this office together with your proposed changes.

This contract, when executed, becomes a firm commitment under the terms of which, it is obligated to complete the work outlined at the agreed unit cost.

You will notice under Exhibit "A" Description of Work, that the approximate bearing of the exploration drift is specified as S 35°W. As your more recent work shows that the hanging wall makes a roll, it will of course be necessary to vary from this bearing. The governing feature in controlling the direction of the proposed drift is the hanging wall. You are instructed to follow the hanging wall keeping it visible in the back of the drift. It will be necessary for you to drill a hole into the wall as a measuring point for the drift as explained to your foreman by Mr. Burmeister on September 23rd.

Very truly yours,

N. A. Eilertsen, Acting for
W. T. Millar, Executive Officer
Bureau-Survey Field Team
Defense Minerals Exploration
Administration, Region VIII

Enclosures - 6

NAE:rwa

copies for Mr. Selfridge
USGS
DMEA Files - 2

Defense Minerals Administration
RECEIVED
SEP 29 1954

C
O
P
Y

Memo 9/24/54

To: [illegible] T. Millar, Exec. Officer, DMA Field Team

From: H. L. Burmeister

Subject: Chandler Mills Mine, Sullivan County, N. H.
Docket No. DMA-3329 - (Mica)

This property was visited 9/23/54. Although the engineer was at the property at 7:45 AM, the operator, Mr. H. L. Robinson, was not available for interview as he was in Franklin. The engineer visited the Lower Smith mine and waited for Mr. Robinson until 12:30 PM, at which time Mr. Robinson had not returned.

Since the last report of 7/22/54, the mine has been operating by advancing an underground stope to the westward, horizontally under the hanging wall. The working face is approximately 36 feet west of the pillar at this time. The exact distance cannot be given as the hanging wall has taken a sharp turn northward. The highest mica concentration has increased its distance from the hanging wall in the last 15 feet of advance. This is probably influenced by the sharp change in strike of the hanging wall.

The owners of this property informed the engineer that the "Owner's Consent to Lien" had been signed 20 days past, which would be about Sept. 4, 1954.

/s/ H. L. Burmeister

College Park, Md.
9/28/54

Copies for DMA Files
Mr. Selfridge

SEP 23 1954 600

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

Subject: Docket No. DMRA-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

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

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 3

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

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/end
Attachments 8

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

147

MF-200A
(Revised June 1954)

Docket No. DMEA 3329

Commodity Mica

Contract No. Idm-E

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

It is agreed this ..... day of ....., 195...., 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."

16—70618-1

(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 Nickel. 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 $1500.00 The Government will contribute 75 percent of the fixed unit costs as work is performed, in a total sum not in excess of $1125.00: *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.

THE UNITED STATES OF AMERICA

.....
(Operator)

By .....

By .....

.....

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

Docket No. DMEA-339

MF-500

9/1

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 8/30/54

REFERRED TO: Mr Parkhill

1. Docket & Records Section
2. Solicitor's Office
3. Mr. Hoffland, Ext. 7349
4.

RECEIVED
SEP - 2 1954
GENERAL COUNSEL
DEFENSE MINERALS ADMINISTRATION

FOR:

..... 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	

INTERIOR DEPT.
SEP 1 - 1954
SOLICITOR
RECEIVED
SEP 2 1954
GENERAL COUNSEL
DEFENSE MINERALS ADMINISTRATION

REMARKS: Attached is copy of a contract for processing. Note it is subject to attachment of new O.E.I.

Check (X) before the items needing attention.

DMEA-Nonmetallic Minerals Div
L. C. Houk, Chief
per WRA

Initials of sender.

GPO 16—63815-1

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 3329

COMMODITY Mica

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
SEP - 2 1954
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this ..... day of ....., 195..., 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
Box 262
Newport, New Hampshire

hereinafter called the "Operator," ~~as follows:~~ as set forth in Annexes I & II, attached and made a part hereof, and as follows:

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of New Hampshire, County of Sullivan, described as ~~follows~~:[3] Set forth in Annex I.

the Operator represents and undertakes:[4]

~~(a) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:~~

(b) That the Operator is a lessee, in possession and entitled to possession, and the Owner's Consent to Lien is attached.

The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 60 days from the date of this contract shall commence work on a project of exploration for[5] Mica

in or upon the described land; and shall bring the project to completion within a period of Three (3) Months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay ~~[illegible]~~ 75 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $ $1125.00, which is 75 percent of $ $1500.00 the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or 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 ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(a) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production from which is not to be subject to the Government's percentage royalty.
[4] Strike out the provision not applicable.
[5] Name of mineral or minerals.

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) *Compliance with requirements.*—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account and statement of work performed to accompany his final report.

ARTICLE 6. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon 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, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

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

(2) 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.)

(*b*) 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 the gross income from mining operations for percentage depletion purposes in income-tax determination.

(*c*) 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.

(*d*) 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.

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided*, that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* .....

.....

.....

.....

.....

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

.....
(Operator)

By .....

By .....

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—66329-1

Exploration Project Contract
Henry Lee Robinson.
Docket No. DMEA-3329

Annex I.

The land referred to in Article 2 of the contract form ~~and in Annex II~~ 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 "Old Newport"~~ from Kelleyville on "Old Newport" ~~road~~. The boundaries of the leased area are shown on the ~~attached~~ map entitled "Sketch Chandler Mills Mine" attached hereto and made a part hereof ~~and the following description applies~~ and is described as follows:

(See attachment)

Chandler mills mine

DMEA-3329

A certain tract or parcel of land situate in Newport in the County of Sullivan and State of New Hampshire, bounded and 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
Exhibit "A"

Description of the Work

Exploration for concentrations of strategic mica shall be accomplished in the area indicated on the ~~attached map~~ sketch ~~entitled Sketch Chandler Mills Mine, Sullivan County, N.H. Docket DMEA-3329~~, as follows:

Drive not more than 50 feet of incline drift, timbered ~~where~~ as necessary and with a cross-sectional dimension of not less than 3 feet by 7 feet in the clear of timber. The incline drift shall expose the hanging-wall mica zone, ~~and~~ 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 ~~all~~ the work are subject to the approval of the Government.

~~Agreed~~ Unit Costs

~~Driving~~ 50 feet of incline drift @ $30.00/ft.	$1500.00
~~Agreed~~ Estimated total cost of project	$1500.00
Government participation @ 75%	$1125.00

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

DEPARTMENT OF THE INTERIOR DMEA-3329
Defense Minerals Administration
RECEIVED
SEP 15 1954

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

In a Lease dated May 7/54 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 production3/ 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 4 day of Sept, 1954.

George I Smith [Seal]

Agnes B Smith [Seal]

H L Robinson [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.

RELEVANT CONTRACT PROVISIONS

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1954

DMEA-3329

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

In a Lease dated May 7/54 Recorded in Book 356 Page 19 Offical 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 production3/ 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 4 day of Sept., 1954.

George F Smith [Seal]

Agnes C Smith [Seal]

[illegible] [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.

RELEVANT CONTRACT PROVISIONS

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1954

DMEA-3329

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

In a Lease dated May 7/53 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 production3/ 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 4 day of Sept, 1954.

Georgia F. Smith [Seal]

Eugene E. Smith [Seal]

[illegible] [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

Defense Minerals Administration
RECEIVED
SEP 15 1954
DMEA-3329

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

In a Lease dated May 7/53 Recorded in Book 356 page 19 Offical 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 production3/ 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 4 day of Sept, 1954.

George A Smith [Seal]

Agnes E Smith [Seal]

[illegible] [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

RECEIVED
SEP 15 1954

DMEA-3329

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

In a Lease dated May 7/54 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 production3/ 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 4 day of Sept, 1954

George B Smith [Seal]

Agnes G Smith [Seal]

H L Robinson [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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1954

DMEA-3329

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

In a Lease dated May 7/54 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 production3/ 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 4 day of Sept., 1954.

George F. Smith [Seal]

Agnes E. Smith [Seal]

H. L. Robinson [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

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

DMLarrabee:hlm
G-7/26/54
Copy to: Director's reading 4212
Branch reading 4212
DMEA (3)
Larrabee 5218 Interior

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.

Signed

W. F. Dietrich

JUL 20 1954

Mr. Henry Lee Robinson
Box 262
Newport, New Hampshire

Re: Docket No. [illegible]-3325 - Placer
Chandler Pile Mine
Sullivan County, New Hampshire

Dear Mr. Robinson:

This will acknowledge receipt of your letter received on July 16, 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. R. 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. Mittendorf

Administrator

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

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 7-16

REFERRED TO:

1. 600
2.
3.
4.

FOR:

---------- 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:

Check (X) before the items needing attention.

ROBERT E. ADAMS

Initials of sender.

GPO 16—63815-1

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

Enclosures - 4

WTM:rwa

copies for GeoCSelfridge - Orig. & 3
QuentinDSingewald, USGS
DMEA Files 2

Field Team Report on Examination of Property

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

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

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 Kellsyville 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

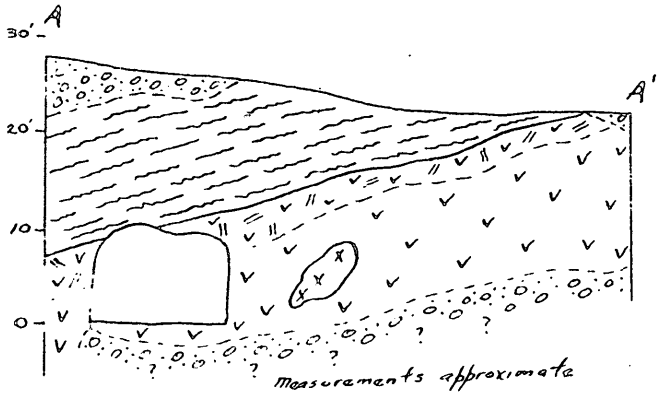
(for) Quentin D. Singewald, U. S. Geological
Survey Member, Bureau-Survey Field Team
Defense Minerals Exploration
Administration, Region VIII

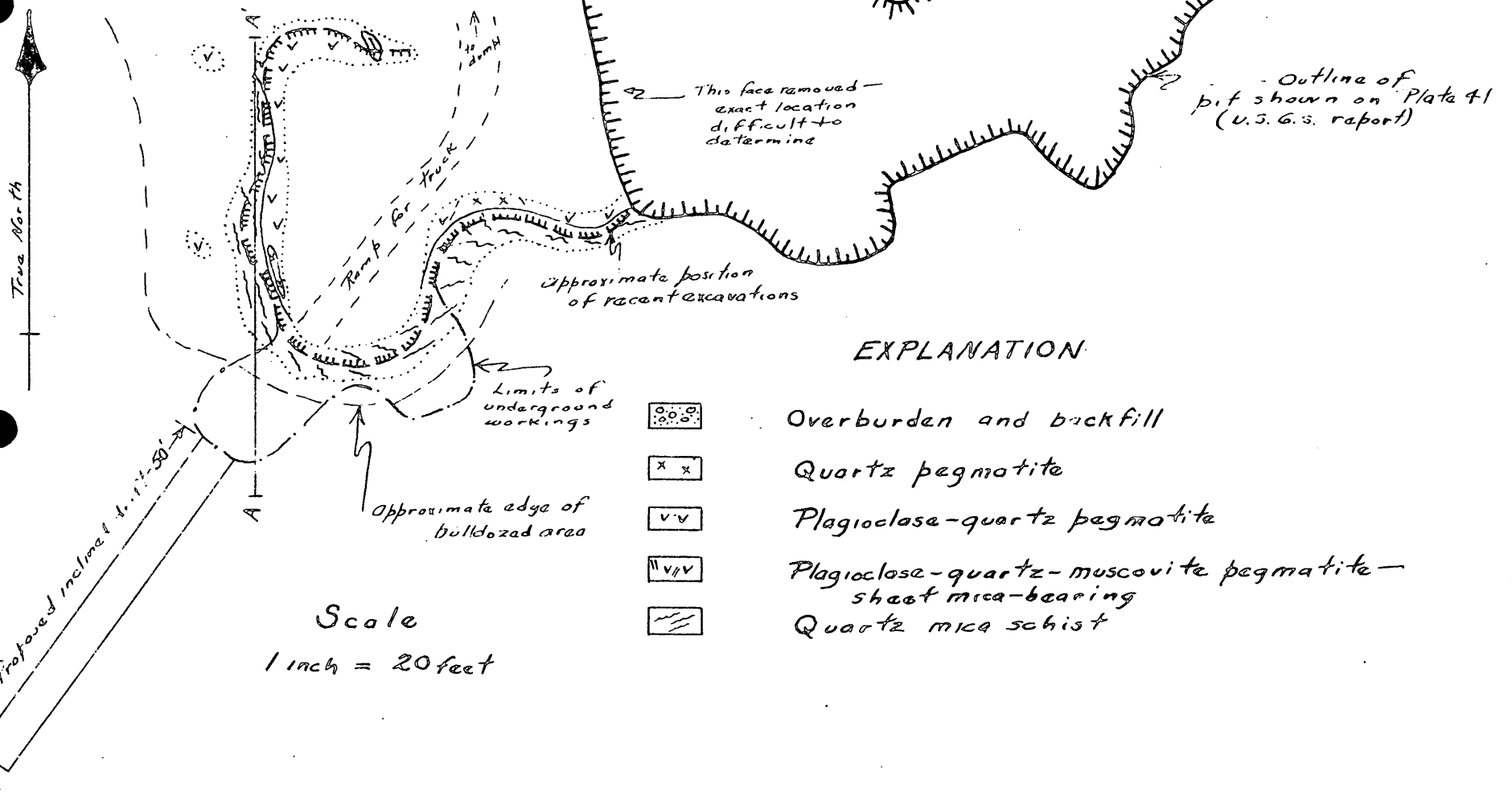
College Park, Maryland
July 12, 1954

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

Glenn W. Stewart U.S.G.S.

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

Approved:

J. H. Hedges
Member, Bureau of Mines

D. M. Larrabee
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

600

JUN 11 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:

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. Miller, 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. Mittenderf

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

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.

Signed

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CMM

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.

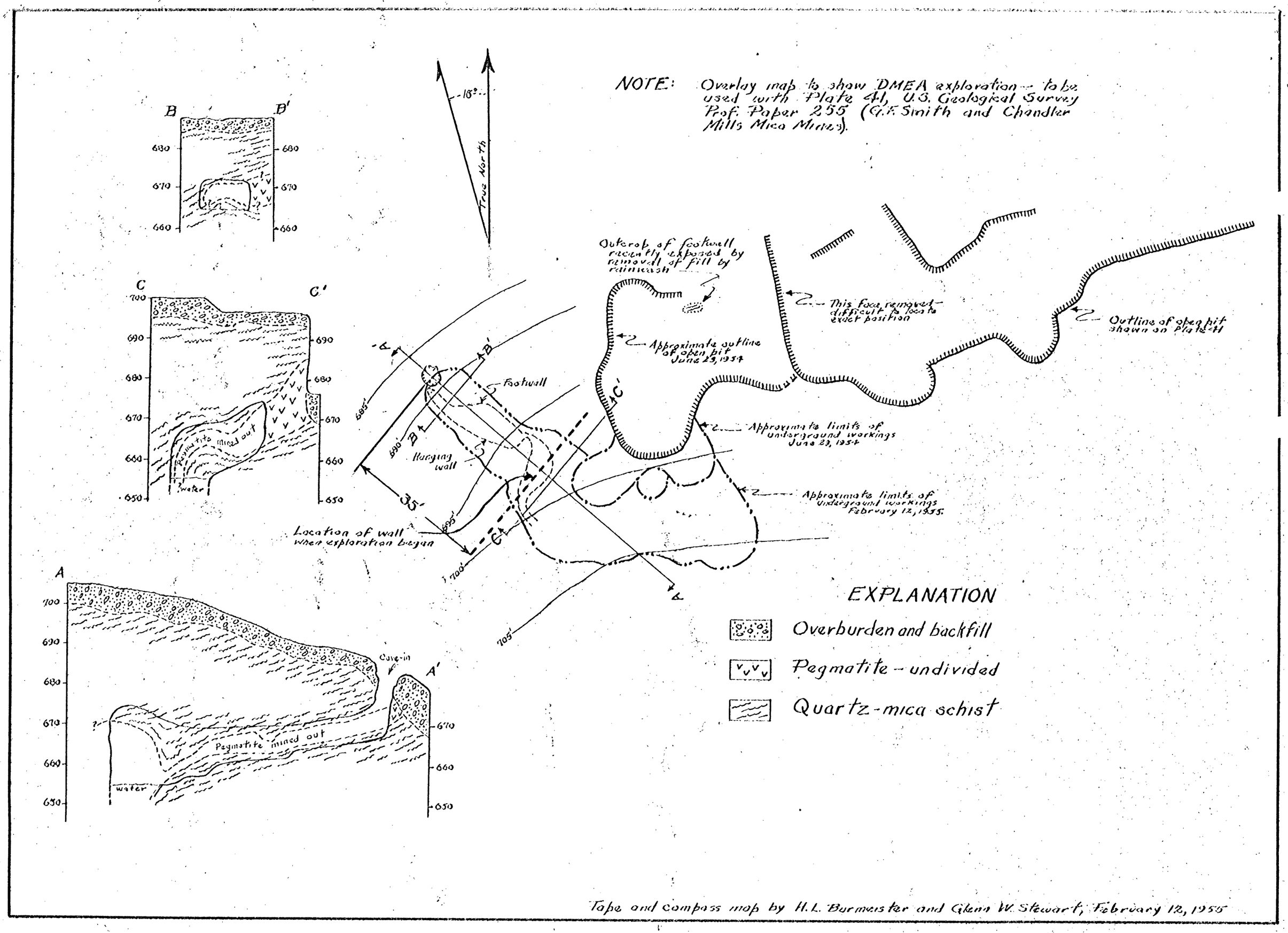
RECOMMENDATION:

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

Larrabee:jeh
5/4/54

D. M. Larrabee

cc: Director's reading 4212
Branch reading 4212
DMEA 3
Larrabee G-230



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