UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (~~or cancelled~~) without certification. DMEA No. 2104X

This is the official contract file containing all official records of the project. Duplicate material has been removed. The records contained in the files are checked and are arranged in this manner:

Left Side

Certificate of Audit (Final).

Interim Audit(s).

✓ Report of Review.

Termination Notice or Agreement.

Recision Notice.

✓ Assignment of Contract.

✓ Contract Amendments (latest on top).

✓ Contract with all exhibits and annexes.

Owner's Consent to Lien.

✓ Subordination Agreement.

✓ Leases and assignments of leases.

✓ Application and attachments.

Schedule of Collections.

✓ Operator's monthly reports and all attachments (latest on top).

Right Side

✓ Project summary.

✓ Work completed analysis.

✓ All other material is filed in chronological order with correspondence including the following reports as checked:

✓ Final Field Team Report. (Tab)

Operator's Final Report.

Interim Reports.

✓ On-site Exam Report(s). (Tab)

Settlement Sheets.

If additional folders are required because of volume of records, show folder numbers and contents below:

Maps in folder number_____

Operator's Monthly Reports in folder number _____

WL
Reviewer's Initials

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Tamarack Mining Co.

Elk Park, North Carolina

pertaining to Exploration Project Contract No. Idm-E216, Docket No. DMA-2104X, including Amendments Nos. 1 and 2 for the months of February to April, 1952, inclusive.

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, consultation with the Government representative who visited and examined the project, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of an audit of the Operator's accounts and records for the following reasons:

(a) the administrative cost to the Government of an audit would be excessive in relation to value of the contract or the estimated amount of possible disallowances thereunder;
(b) the Monthly Reports were supported by documentary proof of the costs incurred under the contract.

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

Total cost as billed by Contractor		$ 2,085.93
Exceptions:		
By DMEA Finance Officer	$ (61.00)	
Herewith	-0-	(61.00)
Total Accepted Cost		$ 2,146.93

The contract calls for a 90 per cent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of One thousand nine hundred thirty-two Dollars and 25/100

- $ 1,932.25 -

is considered valid and proper.

Date: July 2, 1952

E. D. Talbert

140

FILE COPY
SURNAME:

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

FEB 15 1952

dated in Legal

Mr. W. Jackson Ellis
Tamarack Mining Company
Elk Park, North Carolina

My dear Mr. Ellis:

Consent is hereby granted to the assignment of George M. Bowman, Jr. to W. Jackson Ellis of all the right, title and interest of said Bowman in Exploration Project Contract Idm-E 216 (Docket No. DMA-2104X), dated November 23, 1951, as amended, between the United States of America and the Tamarack Mining Company, a partnership composed of the above-named individuals.

Sincerely yours,

C. Mitchell

Acting Administrator

CJKoontz/bjl (written 2/14/52)

S.N. 2-18-52

Copy to: Mails & Files
Admin. Reading File
Mr. George M. Bowman, Jr.
Elk Park, North Carolina
Executive Officer, Region VII (2)
Finance Division
J. L. Hofflund
C. J. Koontz
Chron.
Pending

Contract Adm. & Audit Div.
Division Copy
Docket Copy

DMA-2104X
Idm-E216

NORTH CAROLINA, AVERY COUNTY

SALE OF MINING INTERESTS

On this day, the Fourteenth Day of January, 1952, the following agreement is entered into between George M. Bowman, Jr., of Avery County, North Carolina, (House Post Office, Washington, D. C.) and W. Jackson Ellis, of Avery County, North Carolina, such agreement to be valid and in force from the above date upon the proper execution of the signatures of both parties, both the seller and buyer.

WITNESSETH

I, George M. Bowman, Jr., OF Elk Park, Avery County, North Carolina, on account of the uncertainty of mica prices and the Government mica program, for the sum of one dollar and no more, receipt of which is hereby acknowledged, do sell, part with forever, and deliver to W. Jackson Ellis, of Elk Park, Avery County, North Carolina, my one-half, or all my interests in the Tamarak Mining Company, (Partnership), consisting of one certain lease made to W. Jackson Ellis and George M. Bowman, Jr., by W. C. South and Ida South, and J. M. South and wife, Mary Grece South, all of Watauga County, North Carolina, on the 15th. day of September, 1951, and of another certain lease made to W. Jackson Ellis and George M. Bowman, Jr., of Avery County, N. C., by Edford L. Weaver and wife, Mary Weaver, of Watauga County, North Carolina. on the 15th. Day of September, 1951, both leases executed before A. R. Brinkley, of Elk Park, N. C, Notary Public; also my one-half, or all my interests in a loan made by the Federal Government to W. Jackson Ellis and George M. Bowman, Jr., under Exploration Project Contract Agreement, dated 23rd. Day of November, 1951, and a Contract Amendment Agreement No 1, dated December, the 19th., 1951, cost of such project under such loan to be $2,270. Further this sale and delivery of my one-half, or all interests in the Tamarak Mining Company and of my one-half, or all interests in said Government loan designated above, shall relieve me of all responsibilities in said Tamarak Mining Company, in two said leases named above, and in said Government loan, named above, in every way, financially and otherwise from now on forever, and furthermore I will not be responsible for any terms of said leases, nor for any part of said Government loan, nor for any accidents as a result of mining, nor for any debts made by Tamarak Mining Company. The Government loan named above is for an Exploration Project on the South property and not on the Weaver property.

I, W. Jackson Ellis, of Elk Park, Avery County, North Carolina, do hereby accept the full one-half, or all interests in the Tamarak Mining Company, now sold and delivered to me By George M. Bowman, Jr., of Elk Park, Avery County, North Carolina, for the sum of one dollar, which I have paid him. I accept the full responsibilities of the two leases named above, of the Government loan named above, and all responsibilities of the Tamarack Mining Company from now on forever, financially and otherwise, and I hereby relieve George M. Bowman, Jr. of all such responsibilities forever, financially and otherwise. I take full responsibility of the Government loan designated above as to its full payments as set up under terms of Exploration Project Contract Agreement under date of Nov. 23, 1951, and of terms set up in Contract Amendment No 1, under Date of December 19, 1951.

Witness our hands and seals:

Seller George M. Bowman Jr. (Seal)

Buyer [illegible] (Seal)

Washington, D. C. Personally appeared before me this day, January 17, 1952, George M. Bowman, Jr., of House Post Office, Washington, D. C., seller of his interests in the Tamarak Mining Company, Etc, as outlined above, and acknowledged the due execution of the foregoing instrument.

Notary Public Helene B. Gourley
1711 Post Office Bldg Wash. D.C.

My Commission Expires My Commission Expires May 31, 1955

NORTH CAROLINA, AVERY COUNTY 14th DAY Jan 1952

Personally appeared before me this day, W. Jackson Ellis, of Avery County, North Carolina, buyer of George M. Bowman Jr's interests in the Tamarak Mining Company, as outlined above, and acknowledged the due execution of the foregoing instrument.

Notary Public A. R. Brinkley

My Commission expires June 3 1953

Recorded
FEB 6 1952

Government Copy
Mica

CONTRACT AMENDMENT No. 2

Contract Docket No. DMA-2104X, Idm-E216, dated November 23, 1951 between the United States of America and the Tamarack Mining Company, a partnership composed of W. Jackson Ellis, and George M. Bowman, Jr., is hereby amended as follows:

1. Item 3 is amended to read, "The Operator, within 90 days from the date of this contract, shall commence work-----" instead of 30 days, and to provide for completion within 160 days from date of contract.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of the cost which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

Dated March 31, 1952

UNITED STATES OF AMERICA

By Robert A. Laurence
Executive Officer, DMEA, Region VII

TAMARACK MINING COMPANY

By W. Jackson Ellis
W. Jackson Ellis

DOCKET

DMEA-2104, Idm-E216, Tamarack Mining Co. (mica)

Amendment No. I, dated December 19, 1951, extending starting and completion dates was made because delays involved in obtaining signatures of both partners used up most of the 30 days starting time originally provided in the contract.

Amendment No. II, dated March 31, 1952, again extending completion dates was necessary, because adverse weather conditions delayed progress during February and March until it was impossible to complete the project within the specified time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 10 1952

Contract Adm. Audit Div.

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

JAN 18 9 19 AM '52

CONTRACT AMENDMENT NO.I.

Contract Docket No. DMA-2104X, Idm-E216, dated November 23, 1951 between the United States of America and the Tamarack Mining Company, a partnership composed of W. Jackson Ellis, and George M. Bowman, Jr., is hereby amended as follows:

1. Item 3 is amended to read, "The Operator, within 90 days from the date of this contract, shall commence work-----" instead of 30 days, and provided for completion within 130 days from date of contract.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of the cost which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

Dated December 19, 1951

UNITED STATES OF AMERICA

By Robert A. Laurence
Executive Officer, DMEA. Region VII

TAMARACK MINING COMPANY

By [illegible]
Partner

By George M. Bowman Jr.
Partner

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 4 1952

Form 90
(June 1951)

Contract & Audit

Docket No. DMA 2104X

Commodity Mica

Idm-E216

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS ADMINISTRATION WASHINGTON
JAN 18 2 28 AM '52

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 23rd day of November, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Tamarack Mining Company, a partnership composed of W. Jackson Ellis, ~~Wheeler W. Winters~~ and George M. Bowman, Jr., Elk Park, North Carolina.

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of North Carolina, County of Watauga described as follows: [3] A mica mine known as the Mica Ridge Mine and located one-quarter mile west of the gravel road, one mile north of the town of Tamarack. Legal and mineral rights are described in Annex I attached hereto.

with respect to which the Operator represents and undertakes: [4]

(*a*) ~~That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, encumbrances, a list of which the subordination agreement of the lessor is attached.~~

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within thirty (30) days from the date of this contract shall commence work on a project of exploration for [5] mica; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] sixty days from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. 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.

5. *Fixtures and improvements.* 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. Any additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute currently its agreed pro rata share, are listed in Exhibit "A" attached hereto. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro rata share.

6. *Operating equipment.* Any operating equipment to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or depreciation, as the case may be, is listed under appropriate headings in Exhibit "A" attached hereto. As to equipment purchased for the project, the Government will contribute its agreed pro rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro rata share.

[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.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of proj*[illegible] All facilities, buildings, fixtures, equipme[illegible] other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* An itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project is set forth in Exhibit "A" attached hereto.

9. *Rehabilitation and repairs.* A statement of the cost of any necessary rehabilitation or repairs to put existing facilities, buildings, installations, and fixtures into useful and operable condition and which are to be allowed as costs of the project is included in Exhibit "A."

10. *Allowable costs of the project.* The costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, analytical work, accounting, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in this contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, taxes, or any other indirect costs not expressly allowed by these provisions, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, 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.

12. *Progress reports.* The Operator shall provide the Government with monthly reports of work performed under the contract upon forms to be provided by the Government. Each monthly progress report shall bear the certification of the Operator and shall constitute the Operator's invoice of costs incurred on the project during the period covered by the report.

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 90 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $2,043, which is 90 percent of the agreed estimated total cost of this project, $2,270.

14. *Final reports by Operator.* Upon completion of the project or termination of this contract, the Operator shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

15. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter, shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent for each additional full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the mineral deposit which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

16. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

17. *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 worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in sextuplicate the day and year first above written.

TAMARACK MINING COMPANY
(Operator)

By [illegible]
Partner

By George M. Bowman Jr.
Partner

By _____
Partner

THE UNITED STATES OF AMERICA

By C D Mitterdorf
ACTING Administrator, Defense Minerals
Exploration Administration

U. S. GOVERNMENT PRINTING OFFICE 16—64066-2

EXHIBIT "A"

Exploration Work and Estimated Cost

The work will consist of driving an adit drift on a pegmatite-mica vein a distance of 75 feet. (As indicated on attached map)

The total estimated cost is----------$2,270.
(distributed as the following)

1. Permanent Fixtures & Improvements

Erection of 10' x 10' tool house----------$150.

2. Operating Equipment

To be purchased:
Hand tools, pipe, etc.----------200.
To be rented:
Compressor 1½ Months @ $170/mo.----------255.
Jackhammer 1½ Months @ $60/mo.---------- 90.

3. Labor and Supervision

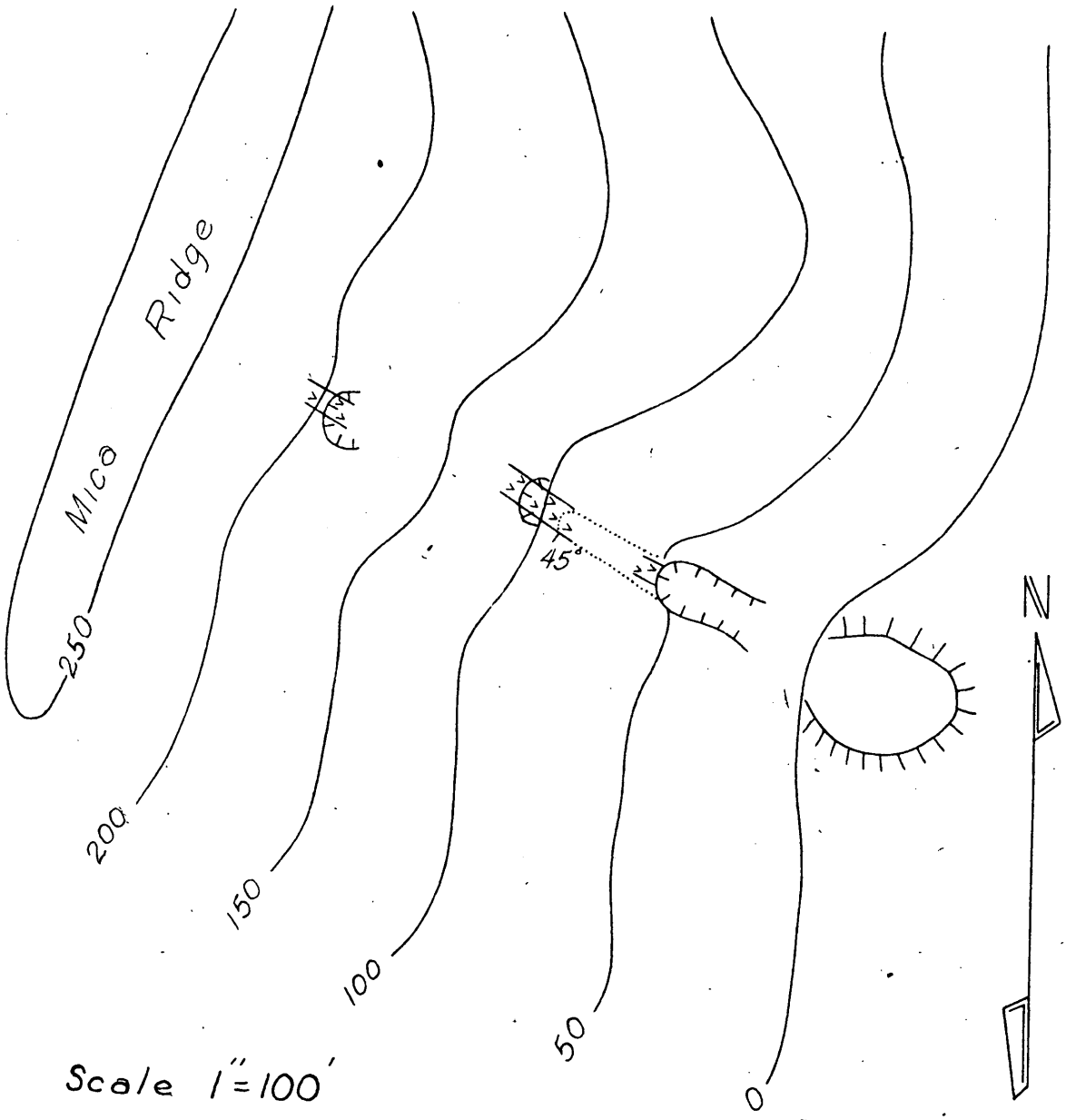
1-Working foreman	30 shifts @ $12.----	$360	
1-Miner	30 shifts @ $12.----	360	
1-Laborer	30 shifts @ $ 8.----	240	
	Total Labor		960.

4. Rehabilitation and Repairs

None

5. Balance Expendable Supplies, explosives, etc.----- 615.
Total estimated cost $2,270

Government's Contribution-90%
Operator's Contribution---10%
Estimated time required---2 months



Mica Ridge Mine DMA 2104X

Proposed Exploration

Pegmatite

Open cut

Proposed drift

ANNEX I

The exploration project shall be performed on the following described land and the work done at the particular location as indicated on the attached map of Proposed Exploration. The rights of the Operator to mine on the land are described as follows:

At any place on the mica ridge, on which ridge much prospecting for mica has been done, such ridge running from the flats near the creek in a Southwest direction (from the Edford Weaver Mine on the North side of the Public Road) to the top of the mountain on the John B. Southerland tract of land sold to W. C. South and wife Ida South by John B. Southerland and wife Vena Southerland. Such ridge reaching to the top of the mountain in a southwest direction on the John B. Southerland tract. With the right to mine for mica or other minerals on an acreage of one hundred yards both ways or directions from the crown of this mica ridge as described above, or one hundred yards from the top of the mountain, in line as above named, down the other side of the mountain toward the southwest should the veins outcrop within this one hundreds across and down the mountain. With the right to enter the ground for mining, modern methods, at any place on the acreage as described above and then, after such openings are deep enough to enable the walls and top to hold up safely, to pursue the veins of mica or other minerals in whatever directions they may lead or wherever they may persist. Such an acreage of land as described above being a part and parcel of the John B. Southerland tract of land as deeded by John B. Southerland to W. C. South and wife Ida South, and known as the Jone's Field, and being a part and parcel of that certain tract of land as sold, one-half interests, to J. M. South and wife, Mary Grace South by W. C. South and wife, Ida South, such lands at present being owned one-half interest by J. M. South and wife, Mary Grace South, and W. C. South and wife, Ida South. The deed for such tract of land being registered in the Register of Deed's Office at Boone, N. C. on the 28th Day of September 1946, in Book 61, and Page 394, Helen Underdown Register of Deeds.

DMA 2104X

MF-202

DEFENSE MI[illegible]LS
ADMINISTRA[illegible]N
WASHINGTON, D. C.

NOV 14 1 43 PM '51

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Watauga, State of North Carolina, described in a certain Exploration Project Contract dated November 23, 1951, between W. Jackson Ellis, Elk Park, N. C. and George M. Bowman, Jr., Washington, D.C. the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated September 15, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned. This lien and claim is on nothing other than the mica or minerals to be extracted from the ground.

Dated this 19th day of October, 1951

Ada Smith
Walter C. Smith
J. M. Smith
Mary Grace Smith

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

SALE OF INTERESTS IN MINERAL PROPERTIES

NORTH CAROLINA, Avery County

The following Sales Agreement concerning certain mining properties in Ashe County leased September 15th., 1951 to W. Jackson Ellis, George M. Bowman, Jr., and Wheeler W. Winters, all of Avery County, North Carolina, as lessees, by the lessors, W. C. South and Ida South and J. M. South and Mary Grace South, and by the lessorsEdford L. Weaver and wife Mary Weaver, all the lessors named above being of Ashe County, North Carolina, was made this day, the 16 Day of October, 1951, and agreed upon by Wheeler W. Winters, hereinafter known as the First Part and George M. Bowman, Jr. and W. Jackson Ellis, hereinafter known as Parties of the Second Part.

The party of the First Part Wheeler W. Winters hereby ~~xxxx~~ sells, delivers and parts with forever all of his interests of one-third each in the two above named leased properties, for the sum of fifteen dollars, to W. Jackson Ellis, and George M. Bowman, Jr., in the amounts of one-sixth in both leases to W. Jackson Ellis and one-sixth in both leases to George M. Bowman, Jr., Parties of the Second Part.

And W. Jackson Ellis and George M. Bowman hereby accepts all of the above named interests in said leases and properties and all responsibilities, financially and otherwise from now on forever, and thus do hereby relieve Wheeler W. Winters of same. They accept one-sixth each in both leases.

Further W. Jackson Ellis and George M. Bowman, Jr. hereby accept all the conditions and responsibilities, financially and otherwise, of any loan asked for in a duly made application to the United States Government on such said mining properties in the way of an Exploration Project, should such loan be granted, and thus do relieve Wheeler W. Winters of any responsibilities of such loan should it be granted, and further W. Jackson Ellis and George M. Bowman, Jr. will pay back to the Government the full amount of such loan under the conditions that are set up for the three lessees, including W. Wheeler Winters, and do hereby relieve Wheeler Winters of such responsibilities of such loan forever.

WITNESS OUR HANDS AND SEALS

PARTY OF FIRST Part — PARTY OF SECOND PART

Wheeler W. Winters — W. Jackson Ellis

George M. Bowman Jr.

NORTH CAROLINA, AVERY COUNTY.

Personally appeared before me this day, Wheeler W. Winters, Party of the First Part and W. Jackson Ellis and George M. Bowman, Jr., Party of the Second Part, all being of Avery County, North Carolina, and acknowledged the due executiion of the foregoing Mineral Sales Agreement.

Witness my hand and seal.

O. P. Brisk Esq Notary Public

My commission expires June 3 1953

MINING LEASE

NORTH CAROLINA,
Watauga County

The lessors, W. C. South and wife, Ida South, and J. M. South and wife Mary Grace South, all of Watauga County; and W. Jackson Ellis, and Wheeler W. Winters, both of Avery County, North Carolina, and George M. Bowman of Washington, District of Columbia, the last three named being the lessees, have this day all agreed among themselves as follows:

WITNESSETH Date, September 15th, 1951

That for the sum of one dollar and other valuable considerations, receipt of which is hereby acknowledged, the lessors grant the lessees the following rights: --

To mine mica and other minerals on the following described lands: --

// At any place on the mica ridge, on which ridge much prospecting for mica has been done, such ridge running from the flats near the creek in a Southwest direction (from the Edford Weaver Mine on the North side of the Public Road) to the top of the mountain on the John B. Southerland tract of land sold to W. C. South and wife Ida South by John B. Southerland and wife Vena Southerland. Such ridge reaching to the top of the mountain in a southwest direction on the John B. Southerland tract. With the right to mine for mica or other minerals on an acreage of one hundred yards both ways or directions from the crown of this mica ridge as described above, or one hundred yards from the top of the mountain, in line as above named, down the other side of the mountain toward the southwest should the veins outcrop within this one hundreds across and down the mountain. With the right to enter the ground for mining, modern methods, at any place on the acreage as described above and then, after such openings are deep enough to enable the walls and top to hold up safely, to pursue the veins of mica or other minerals in whatever directions they may lead or wherever they may persist. Such an acreage of land as described above being a part and parcel of the John B. Southerland tract of land as deeded by John B. Southerland to W. C. South and wife Ida South, and known as the Jone's Field, and being a part and parcel of that certain tract of land as sold, one-half interests, to J. M. South and wife, Mary Grace South by W. C. South and wife, Ida South, such lands at present being owned one-half interest by J. M. South and wife, Mary Grace South, and W. C. South and wife, Ida South. The deed for such tract of land being registered in the Register of Deed's Office at Boone, N. C. on the 28th Day of September 1946, in Book 61, and Page 394, Helen Underdown Register of Deeds. //

To set up and remove machinery at will, to use timber subject only to the lessors' approval, for shoring, to have access to water, to have ingress, egress and regress in the way of roads to and from the mines, to set up sheds, tool houses, mica houses, etc for mining and any and all further rights commonly given to mine operators and miners.

The royalty shall be one-tenth on mica as sold, and one-tenth, value of ores at mines, on all other minerals, excepting feldspar which shall be fifty cents per ton. Royalties shall be paid to the lessors at the end of each month and all sales' slips shall be furnished the lessors.

This lease is granted contingent upon a Government Loan for mica, and if at the end of one hundred and twenty days the loan is not made, or some assurances are not given the lessees of such loan, then this lease is to become null and void upon a written notice of the lessors to the lessees unless prospecting or mining work begins, or unless ten dollars is paid down as a minimum royalty for each month until mining begins.

If after the loan is secured or regular payroll work begins, the lessees are required to shut down on account of market decline in prices on minerals, or for other valid reasons, this lease gives them the right to shut down only for a perior of thirty days. After this thirty days, if they remain shut down longer, a minimum royalty shall be paid the lessor of ten dollars per month so long as they are shut down if this lease is to extend its full term. Otherwise this lease shall become null and void. The length, or full term, of this lease shall be thirty six months from date. When this lease ends all houses built on the property shall become the property of the lessors.

Any other openings on the above described property, other than on the acreage as described above may be made on the written approval of the lessors; that is, other than the mica ridge and mining acreage described above.

(Continued on second page)

Witness our Hands and Se als: --

LESSORS		LESSEES	
W. C. South	(Seal)	W. Jackson Ellis	(Seal)
Ida South	(Seal)	Wheeler W. Winters	(Seal)
J. M. South	(Seal)	George M. Bowman Jr.	(Seal)
Mary Grace South	(Seal)		

NORTH CAROLINA
~~XXXXXXXXXXXX~~ Watauga County (Notary of Avery County)

Personally appeared before me t is day, the 13th. of September, 1951, the lessors, W. C. South and wife Ida South, and J. M. South and wife Mary Grace South, all of Watauga County; and one of the lessees, W. Jackson Ellis, of Avery County, North Carolina and acknowledge the due execution of the foregoing mining lease.

Witness my hand and seal:

A O Brindly Notary Publ

My commission expires June the 2, 19 53

NORTH CAROLINA,
Avery County,

Personally appeared before me this day, the 17th. of September, 1951, the lessee, Wheeler W. Winters, of Avery County, North Carolina, and acknolwedged the due execution of the foregoing mining lease.

Witness my hand and seal:

A O Brindly
Notary Public

My commission expires June, the 3rd., 1953.

DISTRICT OF COLUMBIA, WASHINGTON

Personally appeared before me this, the 24 Day of September 1951, the lessee, George M. Bowman, Jr., House Postoffice, District of Columbia, Washington, and acknowledged the due execution of the foregoing mining lease.

Truman Ward
Notary Public

My commission expires 14 Day of Jan 1956

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-2104

Date received 9-25-51

Participation

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
SEP 25 9 00 AM '51

W. Jackson Ellis — Elk Park, N. C.
Wheeler W. Winters — Elk Park, N. C.
George M. Bowman, Jr., — Washington, D. C.

Name and address of applicant

Date September 17, 1951

FILL IN THIS BLOCK

Date of application September 17, 1951

Estimated cost $9,850.00

Mineral or metal Mica

Percentage of Government participation $8,865.00

Location of mine Near Tamarack, N. C.
Watauga County

Date of filing MF-100

DMA Docket Number, if available 2104

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Tamarack Mining Company,
(Name of company)

By W. Jackson Ellis
(Signature of authorized official)

September 17, 1951
(Date)

Manager (Elk Park, N. C.)
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

ADDITIONAL INFORMATION PAGE

1. Partnership
2 W. Jackson Ellis and Wheeler W. Winters of Elk Park, North Carolina, And George M. Bowman, Jr. of Washington, D. C.
3. W. Jackson Ellis, iron miner, coal miner, mica miner of years standing. Wheeler W. Winters experienced mica miner. George M. Bowman, Jr. Mineral dealer of southeast.
4. W. Jackson Ellis, Manager
5. Lessees
7. Copy of lease attached
8
9 One tenth in supervision and work By Ellis, or Winters, or both
10 (a) Five openings on mica ridge. Mined years ago. Mica showing all along ridge. Also Mined By Brooks Holtsclaw during World War II. Fine ruled mica found
(b) Lease attached
11. Known as Mica Ridge Mines. Now owned by Souths.
12. One mile from Tamarack, N. C. Good State Road
13 Branch through property
14 Timber for shoring
15 Can be shipped by truck
16 (a)Mines opened years ago. Lots of mica gotten, large sized, according to old timers.
(b) On big lead of mica
(c) Known by old timers.
19 Mica mined and sold. Old mica house now erased from lands
20 Strategic mica.
21 Use bulldozer first five weeks of project on five openings, then air-compressor and jackhammer, and hoist if needed
22 Old mica lead rediscovered ~~in~~ during World War II

23	(a) Driller $60.00 per week 20 weeks	$1200.00
	Mucker No 1 $40.00 week, 20 weeks	800.00
	Mucker No 2 and Blacksmith $40.00 week, 20 weeks	800.00
	(b) Supervisor $75.00 per week 24 weeks	1800.00
	(e) or (f) Machinery either rented or bought and equipment	2000.00
	(i) Dynamite and Gas	500.00
	Compensation Insurance	750.00
	Buldozer 5 weeks, $400.00 week	2000.00
		9850.00

24.	Bulldozer hired 4 weeks, $400.00 per week	$1600.00
	Supervisor, $75.00 week 4 weeks	300.00
	Mucker or helper $40.00 week, 4 weeks	160.00
	Compensation	750.00
	Gas and Dynamite	50.00
	Other equipment	50.00
	First month	2910.00

Remainder used as needed

Property leased from the Souths

By W. Jackson Ellis
Signature Authorized Agent.

OFFICIAL FILE COPY

To	Init.	Date

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. 216
Idm-E

Name of Operator W. Jackson Ellis
Docket No. DMA 2104X
Total Contract Amount $ 2,270
Government Participation: Ninety % Amount $ 2,043
Distribution of Expenditures for Month of April 1952

Final Report

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

Tamarack Mining CO
(Name of Company)

By W. Jackson Ellis
(Signature of Authorized Official)

April 28 1952
(Date)

Operator
(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.

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
Tool House		43.75	43.75		43.75	43.75
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
Brinkleys	1.00	29.89	30.89	1.00	29.89	30.89
Bowman		25.00	25.00		25.00	25.00
Young		10.00	10.00		10.00	10.00
(b) Rented[2]						
Byrd Compressor		75.00	75.00		75.00	75.00
Jack Hammer		25.00	25.00		25.00	25.00
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

FILE COPY
SURNAME:

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

[redacted]

Room 1, Post Office Building
Knoxville, Tennessee

April 30, 1952

Mr. W. Jackson Ellis

Elk Park, North Carolina

Dear Mr. Ellis:

Your April Final Monthly Progress Report was received today and is being forwarded to our Morris, Tennessee office for processing.

As to the matter of the mica you recovered, you may sell that but be sure to get a sales slip for your sale so that if a certification is made by the Government you will have something to show for your sales. If a certificate is made you will have to pay the Government 5 percent of anything you get out of the property. If no certification is made you are not obligated to pay anything.

In your monthly report you neglected to show $21.00 under item 6 in the column "Totals previously reported. This will change your totals to read as follows: $509.15; $1637.49 and $2146.94. Please change your copy to coincide.

Very truly yours,

Ch. L. Beck, for J. A. Laurence
Executive Officer, DMA, Region VII

[illegible]/zm
cc:
Leon reports
Laurence
Lynch
Ellis

C O P Y (Sic)

Elk Park, N. C.
April 28, 52

IDM 216

DMA-2104X

Mr. Wm. A. Beck
Room 1 Post Building
Knoxville, Tenn

Dear Mr. Beck

I am sending my Report for the close of the Tamarack Mine Project and the back page I dont understand just how to fill them in. I have did the best I could on the Map, hope it will give you an idea of the Mine. If there is any audits to be done or engineering or checking in any way, I am ready at any time and will give all assistance in any way that is needed.
I have between 18 and twenty hundred pounds of mica, which is mostly all scrap, I am going to sell it for the best I can get out of it, and how do I settle with The Government for thear percentof what it brings?

Yours very truley

W. J. Ellis

Copied by zm.
April 30, 1952 (SIC)

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	304.00	868.00	I.I72.00	304.00	868.00	1172.00
5. Supervision	I56.00	360.00	5I6.00	156.00	360.00	516.00
6. Supplies						
(a) Timber Brinkleys						
(b) Explosives Blackburn						
(c) Repair Parts		95.0I	95.0I		95.01	95.01
(d) Other Gass & Oil	3.45	39.93	43.39	3.45	39.94	43.39
7. Power Smith						
8. Transportation	30.00		30.00	45.00	61.00	106.00
9. Insurance Winters	I5.00		I5.00			
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify) Skyland Lbr CO		4.90	4.90		4.90	4.90
Total				509.45	1637.49	2146.94
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date	509.45	I.576.49	2.085.93			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by W. A. Beck
Entered by W. A. Beck
Approved by W. A. Beck
Amount approved for payment $458.51
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF April 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	1.172.00					YDS	aprox 786	2.000	2.786	
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	1.172.00						786	2.000	2.786	

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

[illegible]-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 216

Name of Operator W. Jackson Ellis
Docket No. DMA 2104X
Total Contract Amount $ 2,270
Government Participation: Ninety % Amount $ 2,043
Distribution of Expenditures for Month of March 1 st To 31 st

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 11 1952

CERTIFICATION

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.

Tamarack Mining Co
(Name of Company)

By W. Jackson Ellis
(Signature of Authorized Official)

April 1 1952
(Date)

Operator
(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.

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
Tool House Lumber		40.00	40.00		40.00	40.00
Nails		3.75	3.75		3.75	3.75
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
Brinkleys	10.77	19.12	29.89	10.77	19.12	29.89
Bowman		25.00	25.00		25.00	25.00
Young		10.00	10.00		10.00	10.00
(b) Rented[2]						
Air Compresor		75.00	75.00		75.00	75.00
Jack Hammer		25.00	25.00		25.00	25.00
(c) Furnished by operator						
2 rock gads						
2 spar forks						
50 ft red air hose						
6 pieces drill steel						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

FILE COPY
SURNAME:

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

Room 13Post Office Building
Knoxville, Tennessee

April 4, 1952

W. Jackson Ellis

Elk Park, North Carolina

Re: DMA-2104X, Idm-E216

Dear Mr. Ellis:

Your March monthly progress report has been approved by this office and has been forwarded to the Regional office for processing.

You have made a mistake in addition in the first column. The total should have been $1049.90 instead of $1044.98. You also neglected to enter the amount of $3.75 for nails in the second and third columns under item 1 (b).

Please correct your copy to coincide with ours as follows: Monthly total--$1049.90. Totals previously reported $587.59, Totals to date $1637.49.

Very truly yours,

Wm. A. Beck

WAB/zm
cc:
Norris -3
Laurence
Lynch
Files

MO[redacted]LY SUMMARY COST STATEMEN[redacted]ntinued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3] Labor	588.00	280.00	868.00	588.00	280.00	868.00
5. Supervision supervision	360.00		360.00	360.00		360.00
6. Supplies						
(a) Timber						
(b) Explosives Brinkleys	59.69	35.32	95.01	59.69	35.32	95.01
(c) Repair Parts Blackburns						
(d) Other Gass Oil	26.54	13.40	39.94	26.54	13.40	39.94
7. Power						
8. Transportation		61.00	61.00		61.00	61.00
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify) Skyland Lbr Co	4.90		4.90	4.90		4.90
Furnished By						
Operator						
I shooting batery						
I joint ¾ pipe						
I I2 in pipe ranch						
Total	1.044.98			1044.96	587.59	1637.49
Deletions	1.044.98					
Adjusted totals						
Totals previously reported		587.59				
Totals to date			1.632.57			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by W. A. Beck
Entered by W. A. Beck
Approved by W. A. Beck
Amount approved for payment ~~$1473.94~~ $944.91
Remarks W. A. Beck

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF March 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	848.00		102.90		950.90					
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	848.00		102.90		950.90					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 216

Name of Operator W. Jackson Ellis
Docket No. DMA 2104X
Total Contract Amount $ 2,270
Government Participation: Ninety % Amount, $ 2,043
Distribution of Expenditures for Month of Feb., 18-29

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

Tamarack Mining Company
(Name of Company)

By W. Jackson Ellis
(Signature of Authorized Official)

March 3, 1952
(Date)

Operator
(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.

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings Tool H						
Lumber	40.00		40.00	40.00		40.00
Nails	3.75		3.75	3.75		3.75
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
Brinkleys	20.12		20.12	~~20.12~~ 19.12 was 3		~~20.12~~ 19.12 was 3
Bowman	25.00		25.00	25.00		25.00
Young	10.00		10.00	10.00		10.00
(b) Rented[2]						
Air Comp	75.00		75.00	75.00		75.00
Jack Hammer	25.00		25.00	25.00		25.00
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

[illegible]

Room 1, Post Office Building
Knoxville 2, Tennessee

March 4, 1952

Mr. W. Jackson Ellis

Elk Park, North Carolina

Re: DMA-2104X
Contract No. Idm-S-216

Dear Mr. Ellis:

This will acknowledge receipt of your first monthly progress reports. These have been passed for payment by this office with a deletion of $1.00. Under item 2(a) you have a charge of $20.12 for items purchased from Brinkleys. These total up to $19.12 as follows:

3 rolls 55# roofing @ $2.35	$ 7.05
1 12" pipe wrench	2.69
1 pick	3.00
21' 3/4" galv. pipe @ .18	3.78
10 1/2 x 10 bolts @ .16	1.60
1 pr. 8" hinges	1.00
Total	$19.12

You did not follow instructions on the first page of the report. No report of the progress made was submitted. You also neglected to complete the back page as to progress. If possible furnish a sketch map of the project.

Very truly yours,

Wm. A. Beck for R. A. Laurence
Executive Officer, DMA
Field Team, Region VII

WAB/mc
cc - Laurence
Lynch
Payton
Files

MO[illegible]LY SUMMARY COST STATEMEN[illegible]ontinued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	280.00		280.00	280.00		280.00
5. Supervision						
6. Supplies						
(a) Timber	35.32		35.32	35.32		35.32
(b) Explosives						
(c) Repair Parts	13.40		13.40	13.40		13.40
(d) Other						
7. Power						
8. Transportation	61.00		61.00	61.00		61.00
9. Insurance	nil					
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Total	589.59		589.59	587.59		587.59
Deletions	1.00		1.00			
Adjusted totals	587.59		587.59			
Totals previously reported						
Totals to date						

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by W. A. Beck
Entered by W. A. Beck
Approved by W. A. Beck
Amount approved for payment $528.83
Remarks $1.00 deleted due to an error in addition on the Brinkley bill. Item 2(a) was 3

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF February 18th 29

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	280.00	155.12	49.72	104.75	588.59					
Grosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	280.00	155.12	49.72	104.75	588.59					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

April 18, 1955

Project Summary Report

By: James Hopkins

1. Docket No DMEA 2104X (mica)
Mica Ridge Mine
Watauga County, North Carolina
Contract No Idm-E216

Operator: Tamarack Mining Company
Elk Park, North Carolina

Application: Received September 25, 1951

Operators Property Rights: Owner of Mineral Properties by virtue of Sales Agreement dated October 16, 1951

2. Contract: dated November 23 1951
Work authorized:

Driving an Adit-drift 75 feet	$2120.00
Construction Toolhouse 10'x10'	$150.00
Total estimated cost	$2270.00

Amendments:
No 1 dated Dec 19, 195 extended starting and completion dates
No 2 dated March 31, 192 extended completion date

Work Completed:

Construction of Toolhouse	$43.25
Excavate Open Cut 38'x15x20	$2103.18
	2146.93
Government participation @ 90%	$1932.25

Work began February 18, 1952 and was Completed April 23, 1952

Field Team's final report received June 9 1952

Operator's final report not received. Final MF-104 dated April 28, 1952.

Approximately 2000 pounds of book mica valued at $50.00 was recovered during the project

3. Audit: Report of Review dated July 2, 1952

Total cost as billed by Operator	2,085.93
Exceptions by DMEA Officer	($61.00)
Total Accepted Cost	$2146.93
Government participation @ 90%	$1932.25

Government's interest in tool house (value less than $50.00) was waived June 30, 1952

4. Certification: None issued.

5 Comments

☑ Audited PR 7-2-52 WORK ANALYSIS SHEET - DMEA PROJECT ☑ Actual Cost

☐ Certified Analysis as of 12-7-54 ☐ Agreed Unit Costs

Incl. Voucher for April 1952

Name Tamarack Mining Company Docket No. 2104

State N. C. Commodity Mica Idm-E No. 216

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	~~75~~	~~2120~~			
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation		✓ *2120	38'	2096.93	✓ 2096.93
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.		150		50	50
Other (Specify)					
Totals		2270		2146.93	2146.93

Prepared by L. G. H.

* 38' of open cut 20' deep included of adit

71626

C O P Y

March 4, 1955

Memorandum

To: Mr. Jay L. Chambers

From: Lawrence G. Houk (initialed) L. G. H.

Subject: Closing dockets

The Nonmetallic Minerals Division have reviewed the following contracts and do not intend to make certifications of discovery or development:

Idm-E52	DMEA-1212	Idm-E	DMEA-
40	1213	217	1969
13	1679	244	1955
73	519	253	2134
74	1390	257	2077
78	1664	272	2360
93	8128	288	2344
97	1224	324	2255
121	1517	344	2156
124	1318	373	2439
125	1720	411	2528
129	1665	430	2524
134	1732	433	2620
140	1813	444	2646
179	1122	450	2681
180	1250	480	2725
191	1914	497	2778
195	1812	507	2840
198	1929	518	2785
211	1721	524	2909
216	2104	543	2950
		565	3030

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

Room 13, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1952

June 30, 1952

Memorandum

To: Jay L. Chambers, Chief, Contract Admin. And Audit Div.

Thru: Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region VII

Subject: DMEA-2104, Idm-E216. Waiver of tool house.

Tool house authorized under this contract, and built by the Operator with contract funds, cost approximately $50 when built. It is not considered to have sufficient present value to justify sale and repayment to the Government. Present value is less than $50. Therefore, as provided in Article 7 of the contract, the Government's interest in this shed is waived.

Robert A. Laurence

Robert A. Laurence

OFFICE OF THE ADMINISTRATOR

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

Room 13, Post Office Building
Knoxville 2, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 9 1952

June 5, 1952

Memorandum

To: Operating Committee, DMEA

From: Field Team, Region VII- DMEA

Subject: DMEA-2104, Idm-E216 (mica) Tamarack Mining Co.
Mica Ridge Mine. North Carolina

Transmitted herewith are 4 copies of the field examiner's final report on the subject contract which was completed on April 18, 1952. Operator's final geologic and engineering report has not yet been received.

We agree with the conclusion expressed in this report.

Robert A. Laurence

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

Wm A. Beck

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

SDS
4-16-52

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 9 1952

FINAL
F.T. REP.

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY THE FIELD TEAM, REGION VII

FINAL

DMA-2104X, Idm-E216 (mica) MICA RIDGE MINE

TAMARACK MINING COMPANY

Watauga County, North Carolina

By

A. L. Peyton, Mining Engineer
U. S. Bureau of Mines

*

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

Reviewed by
DMEA OPERATING COMMITTEE

6-13-52
(date)

June 4, 1952

FINAL REPORT

DMA-2104X, Idm-E216 (mica) MICA RIDGE MINE

TAMARACK MINING COMPANY
Tamarack, Watauga County, North Carolina

The Mica Ridge Mine is located about one mile north of Tamarack, along the west side of Hoskin Fork of New River. It is 16 miles by road northwest of Boone, Watauga County, N. C.

This project began February 18, 1952, and was closed on April 23, 1952. Funds spent under the project amounted to $2,146.94, of which the Government's share was $1,932.25. The contract was for $2,270.00, with the Government's part amounting to $2,043.00. Therefore the unused portion of the Government's share of the contract is $110.75.

The exploration accomplished the aims set forth in the Contract, although the opening was not extended to the distance set up in the contract. The operator conducted the project in a competent manner. No item of equipment or supplies were purchased costing in excess of $50.00, thus no salvage value. Mica found during exploration is of scrap quality and the deposit is too small to justify a commercial operation, thus no tonnage figures are available. Mica occurs uniformally throughout the pegmatite, which was explored 38 feet along strike and for a width of 15 feet; the face of the cut is 20 feet high. Approximately 2000 pounds of book mica was recovered during exploration. In the present face an average of one book per square foot area occurs. It is estimated that the mica obtained during exploration is worth approximately $50.00. Not enough pattern could be receovered to defray the cost of processing.

At this place the pegmatite trends N 75° W, dipping 30° SW. Work conducted under this contract consisted of driving an open cut along the strike of the pegmatite for a distance of 38 feet. The cut is 15 feet wide and 20 feet deep at the face. The work was done as an open cut instead of the drift as indicated in the contract because the semi-weathered condition of the pegmatite caused underground mining to be unsafe. The pegmatite is conformable to the enclosing hornblende gneiss wall rock.

The pegmatite consists of medium coarse intergrowths of smokey quartz, plagioclase and microcline feldspar, and muscovite and biotite mica. The muscovite is scattered uniformly throughout the pegmatite; however, there appears to be a slight concentration along the hanging wall.

Mica books up to six inches in diameter were recovered during

exploration, although most of the mica was smaller. None of the books are as much as one inch in thickness. Most of the books are cracked and ruled, many are not free splitting and some contain hair cracks. The mica obtained was of good ruby color, but contained physical defects such as to make it suitable for scrap only.

The Field Team does not believe that the pegmatite explored under this contract contains worthwhile mica.

A. L. Peyton, USBM

K. H. Teague, USGS

May 1952

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

Room 13, Post Office Building
Knoxville, Tennessee

May 15, 1952

Memorandum

To: Operating Committee DMEA

From: Executive Officer, DMEA Field Team, Region VII

Subject: DMA-2104X, Idm-E216 (mica) Tamarack Mining Co.
Amendment No. 2.

Enclosed herewith are original and 3 copies of Amendment No. 2 to the subject contract. Weather and other difficulties delayed the work in February and March, necessitating extension of time to complete the project.

Robert A. Laurence

Robert A. Laurence

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 19 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
SOUTHEASTERN REGION
REGION VII

OFFICE OF
REGIONAL DIRECTOR

P. O. BOX 217
NORRIS, TENNESSEE

May 2, 1952

Mr. C. O. Mittendorf
Defense Minerals Exploration
Administration
U. S. Department of Interior
Interior Building
Washington 25, D. C.

Dear Mr. Mittendorf:

We are enclosing the third and final progress report (April 1952) covering the following contract:

Idm-E-216, Docket No. 2140X, Tamarack Mining Company

The actual starting and closing dates are as follows:

Actual Starting Date: February 18, 1952

Actual Closing Date: April 23, 1952

Sincerely yours,

Helen Miller

Helen R. Miller
Administrative Officer

Enclosures
CC: Mr. F. E. Johnson
Mr. W. A. Beck
Mr. R. A. Laurence

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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MAY 5 1952

3 F 12

April 7, 1952

Mr. C. O. Mittendorf
Defense Minerals Exploration Administration
U. S. Department of Interior
Bureau of Mines
Washington 25, D. C.

DMEA-1721

Dear Mr. Mittendorf:

We are enclosing two copies of the third and final report covering contract Idm-3-211, Mike C. Meadows. Also attached are two copies of the March progress report covering contract Idm-3-216, W. Jackson Ellis, Tamarack Mining Company.

DMEA-2104

Sincerely yours,

Helen R. Miller
Administrative Officer

Enclosures
CC: Mr. W. A. Dock
Mr. R. A. Lawrence
Day Files
Region Files
Mr. F. E. Johnson

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
SOUTHEASTERN REGION
REGION VII

OFFICE OF
REGIONAL DIRECTOR

P. O. BOX 217
NORRIS, TENNESSEE

March 5, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 10 1952

Mr. C. O. Mittendorf
Defense Minerals Exploration Administration
U. S. Department of Interior
Interior Building
Washington 25, D. C.

Dear Mr. Mittendorf:

We are enclosing two copies of the February Operator's Progress Report covering the following contract:

Idm-E-216 Tamarack Mining Company

Sincerely yours,

Helen Miller

Helen R. Miller
Administrative Officer

Enclosure

OFFICE OF THE ADMINISTRATOR

A.a.
2-6-52

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

Room 13, Post Office Building
Knoxville, Tennessee

February 4, 1952

Memorandum

To: Mr. Frank E. Johnson, Chairman, Operating Committee

From: Executive Officer, DMEA- Region VII

Subject: DMA-2104K, Idm-E 216. Tamarack Mining Co.
W. Jackson Ellis, Wheeler W. Winters and Geo. M. Bowman
a partnership. Elk Park, N. C.

Enclosed are original and 3 copies of the sale of mining interests of George M. Bowman, Jr., in the Tamarack Mining Company.

Robert A. Laurence
Robert A. Laurence

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 6 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 7 1952

Washigton, D. C.
House Post Office
January 28, 1952

DMA 2104

Mr. Robert E. Adams,
Reports and Records Unit,
Washington, D. C.

Dear Sir:

This is to notify your office that I have sold out all my interests in the Tamarak Mining Company, including Government Loan to W. Jackson Ellis and George M. Bowman, Jr., under Exploration Project Agreement under date of November 23rd., 1951 and Amendment No 1, Under Date of December 19, 1951. Such sale was accepted by W. Jackson Ellis in full with all responsibilities and such agreement was properly executed before a Notary Public.

Therefore I will not be responsible for any part of such loan in any way.

Kindly notify me whether this letter is sufficient in this at a very early date please.

Very truly yours,
George M. Bowman Jr.
George M. Bowman, Jr.

A copy of the ~~report~~ agreement, according to W. Jackson Ellis was mailed to Mr. Robert Lawrence, Executive Officer DMA Field Region VII, Knoxville, Tenn. This copy of the sales agreement was notarized and properly executed.
GMB Jr.

RECEIVED
FEB 8 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

OFFICE OF THE ADMINISTRATOR

Owned File

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

Room 13, Post Office Building
Knoxville, Tennessee

January 2, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee

From: Executive Officer, DMEA - Region VII

Subject: DMA-2104X, Idm-E216. Tamarack Mining Company

Enclosed herewith are 4 signed copies of an amendment to the above designated contract.

Robert A. Laurence

Robert A. Laurence

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
JAN 18 2 30 PM '52

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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JAN 4 1952

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D.C.~~

Room 13, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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DEC 28 1951

December 26, 1951

Memorandum

To: Frank E. Johnson, Chairman, Coordinating Committee

From: Executive Officer, DMEA Field Team, Region VII

Subject: DMA-2104X, Idm-E216, Tamarack Mining Co.,

The copy of the above designated contract which lacked the signature of W. Jackson Ellis, one of the partners, which you sent us with your letter of December 19, has been delivered to Mr. Ellis and signed by him on December 24. An amendment, extending the time for beginning the work will be sent to you as soon as the necessary signatures are obtained.

Robert A. Laurence

Robert A. Laurence

600

FILE COPY
SURNAME:

Robertson

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

AIR MAIL

DEC 18 1951

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region VII
Room 13, P.O. Building
Knoxville, 01, Tennessee

Re: Docket No. DMA-210M
Commodity - Mica
W. Jackson Ellis & George W. Bowman, Jr., Partnership
(Tamarack Mining Company)
Mica Ridge Mine Idm-216

Dear Mr. Laurence:

Please refer to your letter of December 10, 1951 addressed to G. O. Mittendorf, Acting Administrator. The letter refers to six copies of a contract for subject exploration project.

As suggested in your letter, this office has contacted the second partner, George W. Bowman, Jr., and we now have his signatures on the six copies. However, in the process, we noted than only five of the six had been signed at your end by the first partner, W. Jackson Ellis.

This office is retaining four of fully signed contracts and is returning to you the other two. One of these two copies has yet to be signed by Mr. Ellis. We can retain that one and the other reserve for your own files.

Notify us immediately upon the signing and delivery of the contract to the applicant so that this office can properly record the closing of the contract, and make its own disposition of the four copies in our hands.

Sincerely yours,

(signed) FRANK E. JOHNSON (for)

Chairman, Operating Committee
Defense Minerals Exploration Administration

JTRobertson/jem 12-14-51
cc to: Adm. Reading File
Mails & Files Br/
Docket
Messrs. Mittendorf
Norton-G228-GS
Dietrick-Rm. 3526
Houk
Robertson
Field Team, Reg. VII

12-18-51

BL

Enclosures

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

FILE COPY
SURNAME:

Robertson
1 COPY

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

December 14, 1951

MEMORANDUM

To: Frank E. Johnson, Acting Deputy Administrator

From: Jasper T. Robertson, DMEA

Subject: Docket No. DMA-2104X, Tamarack Mining Company. The finalizing of the signatures on subject exploration contract and transmittal letter to R. A. Laurence, Executive Officer Region VII.

In the course of preparing the contract a couple of matters out of the usual normal procedure came about, which should be pointed out when you sign and pass on the attached transmittal letter.

1. During the time of preparation of the contract one of the original three partners dropped out of the lease selling his interest to the other two per sales agreement October 16, 1951. It was necessary to scratch out of the contract the name of this partner.

2. The two partners remaining in the partnership, at the time the contract was sent to the Region Office for signatures, were separated - one in North Carolina and the other in Washington, D.C. Inadvertently W. Jackson Ellis failed to sign the sixth copy and the steps for remedying this is set forth in the letter of transmittal.

3. In view of the crossing out of the name of one of the partners it is suggested that legal surname the transmittal letter thus approving the crossing out of the name of Wheeler W. Winters from the contract at time of signing by the other two partners.

4. The date for starting work is 30 days from November 23, 1951. The time is drawing short and approval of transmittal of contract as outlined should be done as soon as possible.

SCD
12-18-51

cc to: Adm. Reading File
Docket
Hofflund
Mails & Files Br.
Messrs. Mittendorf
Robertson

S.a.

OFFICE OF THE ADMINISTRATOR

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

Room 13, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
RECEIVED
DEC 1 2 1951
Defense Minerals Administration,
Production Expansion Division.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1 2 1951

December 10, 1951

Return this letter to Docket file

Memorandum

To: C. O. Mittendorf, Acting Administrator, DMEA

Through: Coordinating Committee

From: Field Team, Region VII

Subject: DMA-2104X, Tamarack Mining Co.

In response to your letter of November 30, we return herewith all six copies of the subject contract, signed by one of the partners, W. Jackson Ellis.

We are advised that Wheeler W. Winters has transferred his interest to Ellis and Bowman (see sales agreement, attached), and that George W. Bowman, Jr., is now in Washington, D.C. Therefore, we could obtain only W. Jackson Ellis' signature. We suggest that you contact Mr. Bowman, whose address is now House Post Office, Washington, D. C., and have him sign the contract in your office.

With reference to Mr. Johnson's letter of November 16, we are advised that the South's own the entire property in undivided interests of one-half each.

Robert A. Laurence

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

Bowman's Washington phone number.
NA 3120
EXT. 211

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

DEPARTMENT OF THE INTERIOR
RECEIVED
DEC 3 1951
Defense Minerals Administration,
Production Expansion Division.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
Room 13, Post Office Building
Knoxville 2, Tennessee

Mr. Robertson

November 30, 1951

Mr. C. O. Mittendorf, Acting Administrator
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA 2104X, Mica
Exploration Contract Idm-E216
Tamarack Mining Co.
W. Jackson Ellis, Mgr.

Dear Mr. Mittendorf:

We have received, on this date, original and five copies of the above-subject contract, which has been signed for the Government. This contract will be presented to the Operator for signature in the near future.

Sincerely yours,

Robert A. Laurence

Robert A. Laurence
Executive Officer
Field Team, Region VII

FILE COPY 500
SURNAME:

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

Mittendorf (for)

AIR MAIL

NOV 28 1951

Mr. Robert A. Laurence
Executive Officer, Region VII
Room 13, P. O. Building
Knoxville, 01, Tennessee

Re: Docket No. DMA-2104X, Mica
Exploration Contract
Tamarack Mining Co.
W. Jackson Ellis, Mgr.

Dear Mr. Laurence:

Enclosed herewith please find six (6) copies of Exploration Contract, Serial Number Idm-E216, for the Tamarack Mining Company, Watauga County, North Carolina. We have signed for the Government and the effective date is made November 23, 1951.

Please have the six copies signed by the Operator without any change to the content of the contract. If any of the provisions are determined unsatisfactory, the contract shall be returned for re-examination.

After signing, one copy shall be given to the Operator, one copy retained for your office, and the remaining copies, including the original, shall be sent to this office.

In connection with the subordination agreements for this case we previously had you correct them because of an error in the name of the county. Then we sent you, on the 14th, a letter giving legal counsel's comment on the doubtful meaning of the several owners interest. In case these letters crossed we suggest that you refer to them again and clarify at the time of signing with the owner the number of interests in the land. All of the leasors who do own an interest should sign the subordination agreement.

Sincerely yours,

C. O. Mittendorf (for) J.H. 11-28

ACTING Administrator
Defense Minerals Exploration
Administration

Enclosures

JTRobertson/jem 11-27-51
cc to: Adm. Reading File
Reports & Records
Mr. Moon
Mr. Arundale
Mr. Norton
Mr. Robertson
Field Team, Region VII
Docket

BJ

APPROVED:

Chairman, Operating Committee

Member, Bureau of Mines

Member, Geological Survey

Robertson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Room 13, Post Office Building
Knoxville 2, Tennessee

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 28 1951
Defense Minerals Administration,
Production Expansion Division

November 20, 1951

Mr. Frank E. Johnson
Acting Director
Production Expansion Division
Defense Minerals Administration
Washington 25, D. C.

Re: Docket DMA-2104X, Mica Exploration Project
Tamarack Mining Company
c/o W. Jackson Ellis, Mgr.

Dear Mr. Johnson:

Your letter of November 14, concerning the subordination agreement for this case, was received after the corrected and signed agreements had been mailed to your office on November 13. We have no record as to whether all four parties signed the agreement. Before contacting the owners again, we should know whether these signatures were obtained. Please advise, and if the additional signatures are needed, return the agreements to me. We will then also ascertain whether these four parties own the entire interest in the property.

Sincerely,

Robert A. Laurence

Robert A. Laurence
Executive Officer
Field Team, Region VII

We need to answer this letter
This question answered in transmitting the letter 11/27/51
Sending (6) copies of amending instrument for execution & return to subordination agreement
Robertson

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
Nov 28 J 08 AM '51

400

FILE COPY
SURNAME:

Robertson
F. Johnson

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

AIR MAIL

NOV 14 1951

Mr. Robert A. Laurence
Executive Officer, Region VII
Room 13, P. O. Building
Knoxville, Ol, Tennessee

Re: Docket DMA-2104X, Pica
Exploration Project
Tamarack Mining Company
c/o W. Jackson Ellis, Mgr.

Dear Mr. Laurence:

On November 7, 1951 we sent you six copies of subordination agreement for this case because of a question as to which county the project was located.

Since then, another question has been raised by legal counsel with respect to the four owners. For your guidance, legal's memorandum on the subject is submitted as follows:

> "The description of this property seems to be very indefinite and obscure. However, it follows the description in the lease, and as the contract is a small one, it is being passed by this office. In so passing it, I am assuming that the following language in the description: ". . . such lands at present being owned one-half interest by J.H.South and wife, Mary Grace South, and W. C. South and wife, Ida South.", means that these two sets of husband and wife own the property in undivided interests of one-half each. If this is not the case, it will be necessary to secure the subordination agreement of the owner of the other undivided one-half interest."

The above will serve to guide you. Care should be exercised to have all four lessors sign the subordination agreement and to ascertain at the time of signing that they own the entire interest in the property. Trust this reaches you in time so that subordinate agreement won't have to be submitted to the owners more than the one time for correction.

Sincerely yours,

(signed) FRANK E. JOHNSON (for)

Acting Director
Production Expansion Division

JTRobertson/

cc to: Adm. Reading File
Reports & Records
Messrs. Mittendorf, Olund
Docket
Mr. Barr
Mr. Arundale

Mr. Norton
Mr. Robertson
Field Team, Region VII

JF
11/14

OL

OFFICE OF THE ADMINISTRATOR

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

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

NOV 14 1 42 PM '51

Room 13, Post Office Building
Knoxville 2, Tennessee

November 13, 1951

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 19 1951
Defense Minerals Administration,
Production Expansion Division.

Mr. Frank E. Johnson
Acting Director
Production Expansion Division
Defense Minerals Administration
Washington 25, D. C.

Re: Docket DMA-2104X, Mica
Tamarack Mining Company
(Partnership-W. Jackson Ellis, Mgr.)

Dear Mr. Johnson:

Transmitted herewith are six copies of Landlord's Subordination Agreement for Docket DMA-2104X, Mica Ridge Mine. It is believed that the agreements are correct.

Sincerely,

Kefton H. Teague

Kefton H. Teague for R. A. Laurence
Executive Officer, DMA Field Team
Region VII

Enclosures

FILE COPY
SURNAME:

140
DMA-2104X
Guthrie

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

November 9, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Docket No. DMA-2104X

Ellis W. Jackson

The draft of an exploration contract, submitted to this office on November 6, is approved as to legal form and sufficiency subject to the following:

1. Correction of the name of the third partner, which from the lease and other data in the file appears to be George M. Bowman, Jr.

2. The obtaining of an appropriate subordination agreement or subordination agreements from the lessors, or, if the lessors do not own the entire interest in the property, all of those who do own the entire interest in it.

3. Proper signature of the contract by the applicants.

4. Proper dating prior to delivery of the contract.

The description of this property seems to be very indefinite and obscure. However, it follows the description in the lease, and as the contract is a small one, it is being passed by this office. In so passing it, I am assuming that the following language in the description: " . . . such lands at present being owned one-half interest by J.H.South and wife, Mary Grace South, and W. O. South and wife, Ida South.", means that these two sets of husband and wife own the property in undivided interests of one-half each. If this is not the case, it will be necessary to secure the subordination agreement of the owner of the other undivided one-half interest.

JLHofflund/ema
Copy to: Reports & Records
J. L. Hofflund
R. R. Guthrie
Chron.

J. L. Hofflund

J. L. Hofflund
General Counsel

N.S
R+R

Attachment

400
FILE COPY
SURNAME:

Robertson
FE Johnson

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

NOV 7 1951

AIR MAIL

Mr. Robert A. Laurence
Executive Officer, Region VII
Room 13, P. O. Building
Knoxville, 01, Tennessee

Re: Docket DMA-2104X, Mica
Tamarack Mining Company
(Partnership-M. Jackson Ellis/Mgr.)

Dear Mr. Laurence:

Enclosed herewith please find six copies of Landlord's Subordination Agreement for the above captioned Exploration Project.

The field reports and application in this case indicate that the mine is located in Watauga County but the subordination agreements specify Avery County. Please verify which of the two counties is the correct one. If the enclosed subordinations are in error have them amended or new ones prepared and sent to this office as soon as possible.

Sincerely yours, B7 11-7

(signed) FRANK E. JOHNSON (for)

Acting Director
Production Expansion Division

Enclosures

JTRobertson/jem
11-7-51

cc to: Adm. Reading File
Reports & Records
Messrs. Mittendorf, Olund
Barr
Arundale
Norton
Robertson
Field Team, Region VII
Docket

a.e.

NOV 1 1951

Memorandum

To: Director, Production Expansion Division
Defense Minerals Administration

From: Director, Supply Division
Defense Minerals Administration

Subject: Recommendation for Contract Approval

Name of Applicant: W. Jackson Ellis, Wheeler W. Winters and George M. Bowman
Elk Park, North Carolina
Mica Ridge Mines, Near Tamarack, N. C.

Docket No. DMA 2104X

Commodity: Mica

Amount Requested: $ 9,850.00

Amount Approved: $ 2,270.00

Government participation: 90% $2,043.00

Tom Lyon

Approved:

Tom Lyon

Director, Supply Division

RECOMMENDATIONS

That an exploration aid contract in the amount of $2,270 be granted, Government participation 90% of $2,270, according to exhibits attached.

The applicant be allowed 30 days from the contract date in which to begin work.

EXHIBIT "A"

Performance of Work

The work will consist of driving a 75' drift in the pegmatite from the lower level. (see attached map for location).

Estimated total cost $2,270.00
Estimated time - 2 months

Fixtures and Improvements

10' x 10' construction of rough lumber storage house of maximum cost of 150.00

Operating Equipment

To be purchased - hand tools, air pipe 200.00

Rental

Compressor	@ $170 per mo - 1½ months	255.00
Jackhammer	@ " 60 per mo - 1½ months	90.00

Rate does not include gasoline or oil but includes any repairs to equipment.

Supplies

Dynamite, Gasoline, Drill Steel, etc. 250.00

Labor and Supervision

1 Working Foreman	@ $12.00 per day - 30 shifts		$360.00
1 Miner	@ 12.00 " " " "		360.00
2 Laborers	@ 8.00 " " " "		480.00
Taxes and insurance.			125.00
Total Cost			$ 2,270.00

Rehabilitation and Repairs

Not applicable

Recapitulation of costs

Fixtures and Improvements	75' @ $2.00	150.00
Operating Equipment	75' @ 7.27	545.00
Supplies	75' @ 3.33	250.00
Labor & Supervision	75' @ 16.00	1,200.00
Taxes and insurance	75' @ 1.66	125.00
Total	75' @ 30.26	$2,270.00

FILE COPY

surname:

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

370

October 31, 1951

Memorandum

To: Chief, Industrial Minerals Branch, DMA

From: Chief, Programming and Planning, DMA

Subject: A-2104X - Ellis, Winters & Bowman
Mica Ridge Mine, near Tamarack, N. C.
Commodity: Mica
Amount: 90% of 12,270

The prospective available supply of strategic mica is far short of meeting defense requirements. Consequently, it is highly desirable that exploration for new domestic deposits be stimulated by any reasonable Government assistance to private interests. Any exploration project that holds promise of finding significant new reserves, merits consideration by Defense Minerals Administration.

A. B. Parsons

LGHOUK:mp
10-31-51
cc: Adm. Reading File
Field Team, Region VII (2)
DMA Docket File
Mr. Mittendorf
Mr. Parsons
Mr. Norton
Mr. Barr

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.
Room 13, Post Office Building
Knoxville, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 9 1951

October 26, 1951

Memorandum

To: Mr. Tom Lyon, Chairman, Coordinating Committee, DMA

From: DMA Field Team, Region VII

Subject: DMA-2104X, Mica Ridge Mine-Tamarack Mining Co. (mica)

Transmitted herewith are original and 3 copies of the field examination, original and 5 copies of Landlord's Subordination Agreement and the original application on the above subject docket.

The added provision in the Subordination Agreement is that of the Applicant's.

Robert A. Laurence By K.H.T.
Robert A. Laurence
U. S. Geological Survey

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMA-2104X, Mica Ridge Mine - Tamarack Mining Company (Mica)
Watauga County, North Carolina

By

A. L. Peyton, Mining Engineer
U. S. Bureau of Mines

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

October 11, 1951

ON-SITE EXAM REP.

Report on Mica Ridge Mine
Tamarack Mining Company, Watauga County, N. C.

DMA-2104, Mica Ridge Mine

The Mica Ridge Mine is located about one-quarter mile west of the gravel road, one mile north of Tamarack, Watauga County, North Carolina.

According to the Applicants this deposit was worked to a limited extent during World War II; however, there are no records of mica production in Colonial's records. The small size of the openings on the deposit would suggest that production was small - where it was sold is unknown.

The pegmatite strikes N 50°W, dipping 45° southwest. Shallow pits have exposed pegmatite for a distance of approximately 300-feet. It is parallel to the ridge slope as indicated on the attached sketched maps. In general the pegmatite appears to be about 8-feet thick, of medium texture and except for the hanging wall, is composed of regular intergrowths of microcline, quartz, and fine mica. Along the hanging wall contact with the mica schist wall rock plagioclase (albite?) occurs. In this wall zone considerable book mica in blocks up to 5-inches across occurs. The mica producing zone appears to be approximately one-foot thick.

The mica is clear, flat, hard, ruby colored, and splits well. Many of the books are cracked and ruling is rather common. Considerable small pattern of apparent strategic grade could be obtained from the deposit.

It is recommended that a drift approximately 75-feet long be driven on the pegmatite from the lower level (see attached map for location).

Estimated Costs are follows:

1- Compressor, rental 1½ mo. @ $170/mo.	$255.00
1- Jackhammer, " " " @ $ 60/mo.	90.00
Hand tools, pipe	200.00
Dynamite, gasoline, drill steel, bits, Etc.	250.00
10 x 10 feet tool house	150.00
1 -Working foreman, 30 shifts @ $1.50/hr	360.00
1- Miner, 30 shifts @ $1.50/hr	360.00
2- Laborers, 30 shifts @ $1/hr	480.00
Taxes, Insurance, etc.	125.00
Estimated Total cost.....	$2,270.00

Estimated time required 30 shifts.

Fixtures and Improvements :

Construction of storage house of rough lumber at a maximum cost of $ 150.00

Operating Equipment:

Equipment to be purchased

Hand tools, air pipe 200.00

Equipment to be rented

1/ Compressor @ $170/mo.
Jackhammer @ $60/mo.

1/ Rate does not include gasoline or oil, but includes cost of any repairs to the equipment.

Labor and Supervision:

By quantity classification and rate of compensation

1 working foreman @ $12/day
1 miner @ $12/day
2 laborers @ $8/day

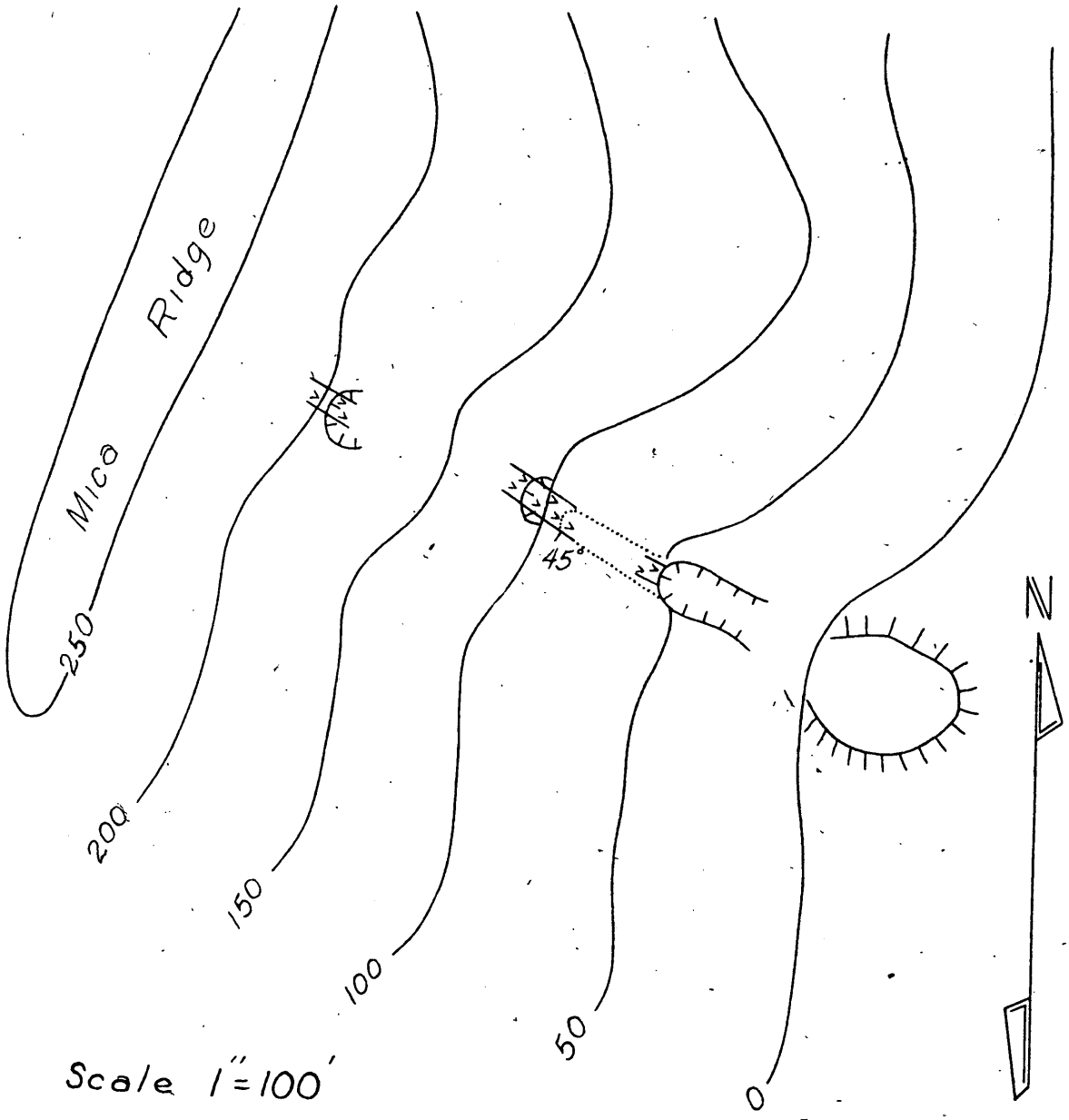
Rehabilitation and Repairs:

Does not apply to this project.

October 11, 1951

A. L. Peyton, USBM

K.H. Teague, USGS.



Mica Ridge Mine DMA 2104X
Proposed Exploration

Pegmatite
Open cut
Proposed drift

DEFENSE MINERAL
ADMINISTRATION
WASHINGTON, D. C.
OCT 10 8 50 AM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GEOLOGICAL SURVEY~~
DEFENSE MINERALS ADMINISTRATION
Room 13, Post Office Building
Knoxville 2, Tennessee

370

October 8, 1951

Mr. Tom Lyon
Chairman, Coordinating Committee
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Subject: Docket DMA-2104-~~2~~
W. Jackson Ellis,
Wheeler W. Winters,
and Geo. Bowman

Dear Mr. Lyon:

This will acknowledge receipt, on this date, of docket DMA-2104-~~2~~, Tamarack Mining Company's application for aid for an exploration project in Watauga County, North Carolina. Field examination will be made in the near future.

Sincerely,

Robert A. Laurence

Robert A. Laurence
Executive Officer, DMA field Team
Region VII

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

370

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

OCT 4 1951

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant W. Jackson Ellis, Wheeler W. Winters & Geo. Bowman

Docket No. DMA 2104-X

Commodity Mica

Amount $ 9,850

Please expedite the consideration of this application with particular reference to the points noted in the attached "Review".

Very truly yours,

Tom Lyon, Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

FILE COPY
SURNAME:

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

Waskey
Barr
Thayer
Lyon

370

OCT 4 1951

Mr. W. Jackson Ellis
Elk Park, North Carolina

Subject: DMA-2104
Wheeler W. Winters
George M. Bowman
Mica

Dear Mr. Ellis:

Your application is being referred to Mr. Robert A. Laurence, Executive Officer, DMA Field Team, Region VII, Room 13, Post Office Building, Knoxville, Tennessee, for further information.

Sincerely yours,

SIGNED
Tom Lyon, Director
Supply Division

RWASKEY:esf
10-2-51
cc: Field Team, Region VII (20
Mr. Lyon
Mr. Barr
DMA Docket File

6/5/51

10/2/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2104

Commodity Mica

Total Amount $9850

Govt. Participation 90%

1. Name and Address of Applicant W. Jackson Ellis, Wheeler W. Mickers & George M. Bowman, Elk Park, North Carolina

2. Location of Property Near Tamarack, N. C.

3. Mineral or metal Mica Is it listed in Section 9 of MO-5? YES

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination See Informal Report

e) Is there an alternative and favorable project? (If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes, lessee (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Yes

Does the lease have sufficient time to run to cover a future productive period? Yes

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? _____

b) MF-202 Must be furnished - Advise Applicant -

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? Yes

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? Yes

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? NO

If not, are there sufficient data given so that you can describe the project? NO If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? NO

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Probably is but sufficient

If not, what part of it is? detail lacking

Is this part a worthwhile exploration project? Field Team Decide

d) Are the cost estimates detailed? Fairly Well

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? NO If so, attach a draft.

e) Are the cost estimates reasonable? Insufficient data

f) Should more information be requested from applicant? By Team

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? NO

b) If so, are sufficient data furnished? — If so, attach a draft.

c) Is a field check needed? —

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? NO If so, attach a draft.

c) Are rents and charges reasonable? Insufficient data

d) Is a field check needed? Yes Actual needs & costs

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes except needs not shown

b) Is the schedule adequate for the work proposed? Insufficient data

c) Is the schedule excessive for the work proposed? —

d) Are the proposed wages and salaries reasonable? Appear so

e) Is a field check needed? Yes. Actual Needs

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? —

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? If geology & mica grade favorable work out a satisfactory program with applicant & submit contract Exhibit data & sketch map

Reviewed by: [illegible]

Date 10/2/54

97692

IN REPLY REFER TO:

G-MD-WRG

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

October 1, 1951

Memorandum

To: Robert Waskey, Defense Minerals Administration

From: W. R. Griffitts, U. S. Geological Survey

Subject: Application DMA-2104 from Ellis, Winters, and Bowman for exploration for mica in Watauga County, North Carolina.

This application, DMA-2104, is for $8,865.00 to be used to reopen the old Mica Ridge mine.

The files of the Geological Survey contain no information about the Mica Ridge mine. It is not in the list of productive mines of World War II, nor is Brooks Holtsclaw, who is said to have been the wartime operator (MF-103, #10), listed among the wartime producers of mica from Watauga County. The deposits in the vicinity generally have yielded ruby mica that is of good quality, but is smaller in size.

The application should be referred to the field team, who should determine the location of the mine, the attitude, size, and internal structure of the pegmatite body, the degree of weathering, the mode of occurrence and abundance of the mica, and the size, color and structural features of the mica books.

W. R. Griffitts

W. R. Griffitts

Mr. George M. Bowman, Jr.
Elk Park, North Carolina

Subject:
Re: DMA-2104
Exploration Loan
Mica Ridge Mines

My dear Mr. Bowman:

This will acknowledge receipt of your application dated September 17, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2104 and referred to the Industrial Minerals Branch.

Kindly refer to DMA-2104 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463