[illegible]

[illegible] Yancey County, North Carolina.

Letter to the Field requesting a contract, signed by the [illegible], for comments, subject to exploring Article 3 of the contract. Also forwarded to the Field for [illegible] by the [illegible] where other [illegible] [illegible] 5-27-53 No. 221

[illegible]

[illegible] MICA COMPANY, INC., GREENSBORO, NORTH CAROLINA. 195
Grant Laws Prospect, Yancey County, North Carolina. 3-27-53
[illegible] report [illegible]. The report was forwarded to the Commodity Group.

Field Referrals - Applications

[illegible]-2870
[illegible]
Region VII

BLUE RIDGE MICA COMPANY, INC., GREENSBORO, NORTH CAROLINA. 191
Grant Laws Prospect, Yancey County, North Carolina. 3-18-53

Letter to the Field requesting an examination and report, and enclosing copies of memoranda from the Bureau of Mines and the Geological Survey. Letter to the applicant asking for clarification of metes and bounds description and the date of the lease from [illegible] Carolina.

☑ Audited

☐ Certified

WORK ANALYSIS SHEET - DMEA PROJECT

Analysis as of 12-9-54
Incl. Voucher for June July 1954

☐ Actual Cost

☑ Agreed Unit Costs

Name Blue Ridge Mica Co

Docket No. 2870

State North Carolina

Commodity Mica

Idm-E No. 5534

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	116	4060.00	116	4060.00	4060.00
Raising					
Shafts	65	3250.00	65	3210.00	3210.00
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.		190.00		190.00	190.00
Other (Specify)					
Totals		7500.00		7460.00	7460.00

Prepared by [illegible]

71626

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Blue Ridge Mica Company, Inc.
121 McIver Street
Greensboro, North Carolina

pertaining to Exploration Project Contract No. Idm-E534, Docket No. DMEA-2870, including Amendment Nos. 1 and 2, for the months of June, 1953 to July, 1954, inclusive, covering a project for the exploration of mica on property, known as the Grant Laws Mine, located in Yancey County, North Carolina.

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

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

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

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

Total costs as billed by Contractor		$7,460.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$7,460.00

The contract calls for a 90 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Six thousand seven hundred fourteen and no/100 Dollars,

$6,714.00

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

September 2, 1954

E. D. Talbert, Auditor

Division Copy

DEFENSE MINERALS EXPLORATION ADMINISTRATION

CONTRACT AMENDMENT NO. 2

DMEA-2870, Idm-E 534

Contract Idm-E 534, Docket No. DMEA-2870, dated May 28, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Blue Ridge Mica Company, Inc. of Greensboro, North Carolina is hereby further amended as follows:

1. Article 3 is amended to read....." and shall bring the project to completion within a period of sixteen (16) months from the date of this contract...." instead of fourteen (14) months as written in Amendment No. 1.

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 4 of the contract form.

Dated: July 15, 1954.

UNITED STATES OF AMERICA

By: Robert A. Lawrence

EXECUTIVE OFFICER
DMEA REGION VII

BLUE RIDGE MICA COMPANY, INC.

By: Yates Bennett Mgr.
L. A. Coffey, Vice President

DEFENSE MINERALS EXPLORATION ADMINISTRATION

CONTRACT AMENDMENT No. 1

Contract Docket No. DMEA-2870, Idm-E 534, dated 28th of May 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Blue Ridge Mica Company, Inc. of Greensboro, North Carolina is hereby amended as follows:

1. Article 3 is amended to Read.....";; and shall bring the project to completion within a period of fourteen (14) months from the date of this contract....." instead of eight (8) month as written in the original 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 4 of the contract form.

Dated: January 11, 1954

BLUE RIDGE MICA COMPANY, INC.

By: L. A. Coffey
L. A. Coffey, Vice President

UNITED STATES OF AMERICA

By: Robert A. Lawrence
Executive Officer, DMEA, Region VII

xx

MF-200 (A)
(February 1952)

DOCKET NO. DMEA-[illegible]

COMMODITY Mica

Division Copy
IDM-E 534

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

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 28th day of May, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Blue Ridge Mica Company, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of North Carolina, with offices at 101 McIver Street, Greensboro, North Carolina,

hereinafter called the "Operator," as follows: and as set forth in Annex I.

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

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of North Carolina, County of Yancey, described as follows:[3] set forth in Annex II,

the Operator represents and undertakes:[4]

~~(a) That the Operator is the owner in possession and entitled to possession, and that the property is subject only to the [illegible]~~

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

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

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

in or upon the described land; and shall bring the project to completion within a period of 8 months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 90 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $6,750.00, which is 0 percent of $7,500.00, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

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

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

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

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

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

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

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

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

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

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

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

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

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

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

ARTICLE 9. *Changes and added provisions* _____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By O. Mitteudorf
Administrator, Defense Minerals Exploration Administration

BLUE RIDGE MICA COMPANY, INC.
(Operator)

By L. A. Coffey
Vice President

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

Kate A. Renn [CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

Division Copy

EXPLORATION PROJECT CONTRACT
BLUE RIDGE MICA COMPANY, INC.
DOCKET NO. DMEA-2870

ANNEX I

The following provisions are in lieu of all of paragraph (a) of Article 6 which precedes the colon:

If at any time the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the final report and final account required by the exploration project contract, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development. The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land which is the subject of the exploration project contract, as follows: (1) Regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, as follows:

EXPLORATION PROJECT CONTRACT
BLUE RIDGE MICA COMPANY, INC.
DOCKET NO. DMEA-2870

ANNEX II

The land referred to in Article 2 of the contract form consists of five tracts of land described as follows:

FIRST TRACT: BEGINNING on a Chestnut on a ridge, corner of old Ray tract, and runs down the ridge S. 85 W. 13 poles to a small Dogwood; then S. 47½ W. 30 poles; then S. 63 W. 6 poles to a planted stone; then leaving the ridge North 46 poles to a rock in the Branch; then up the Branch with its meanders 43 poles to a stake in the old line; then straight with old line to the BEGINNING, containing 11 acres, be the same more or less.

BEING the same lands conveyed to William Laws and wife, Lurene Laws, by deed recorded in Book 53, page 312.

SECOND TRACT: BEGINNING on a triple Walnut and runs East up and with the meanders of the branch on the South boundary of said tract 111½ poles to a bunch of Buckeye sprouts on the North side of branch below a Spring; thence North 64 poles to the Johnston Hickory corner in or near M. P. Letterman's line; thence with his line to a stake in the line run for Polly Anne Edwards by Jas. W. Patterson December 27, 1867; thence North with said line to the Ashe corner called for in the same; thence West 60 poles to the BEGINNING corner of said survey (Poplar now down); thence West 36 poles to a White Oak stump; thence to the BEGINNING, containing 36 acres, more or less.

AND BEING the same lands conveyed to W. M. Laws and wife, Reney Laws, by Deed recorded in Book 55, page 244.

THIRD TRACT: BEGINNING on a Locust at or near Wm. Laws' line and runs North with a conditional line made between M. P. Letterman and Ivan Laws to a Water Oak near a spring and John Edwards' line; then with John Edwards' line to Wm. Laws' line; then with said line to the BEGINNING, containing Two acres, be the same more or less.

AND BEING the same lands conveyed to Wm. Laws and wife by deed recorded in Yancey County Deed Book 56, page 65.

FOURTH TRACT: BEGINNING at a rock at the branch corner of Lot No. 1 and runs down said branch its meanders 28½ poles to a small Birch; then South 70 poles to a Buckeye in Will Ray's line; then with said line North 41½ E. 16 poles, N. 63 E. 18 poles to a planted stone, corner of Lot No. 1; then North with line of Lot No. 1 46 poles to the BEGINNING, containing 12 acres, be the same more or less.

AND BEING the same lands conveyed to Wm. Laws and wife, Laurine Laws by Deed recorded in Book 58, page 458.

FIFTH TRACT: BEGINNING on a Locust and Dogwood Wm. Laws' corner, and runs a Southeast course with a line made by and between Tom Letterman and M. P. Letterman to a rock in the old 400 acre tract; then a reverse course to top of the 1st ridge at or near a small spring; then down the ridge to the Leoura Johnson line; then with said line to a Hickory corner, Johnson's old corner and Wm. Laws corner also; then with Wm. Laws' line to the BEGINNING, containing three acres, be the same more or less.

AND BEING the same lands conveyed to Wm. Laws by deed recorded in Yancey County Deed Book 60, page 136.

EXCEPT from the above described five tracts of land the two acre tract conveyed by Deed dated 6 June 1938 from Laurene Laws to Eva Brown, which Deed is recorded in Book 82, page 262 and reference is made to said Public Record for the exact description of said two acres.

EXPLORATION PROJECT CONTRACT
BLUE RIDGE MICA COMPANY, INC.
DOCKET NO. DMEA-2870

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica will be accomplished by the following program:

1. Construct a frame toolhouse shelter 10 feet by 15 feet in area.

2. Sink 65 feet of a 2-compartment shaft 5 feet by 7 feet in cross section with a partition between compartments and timbered as necessary.

3. From about the 60-foot point in the shaft, drift and crosscut not more than 116 feet in cross section 5 feet by 7 feet.

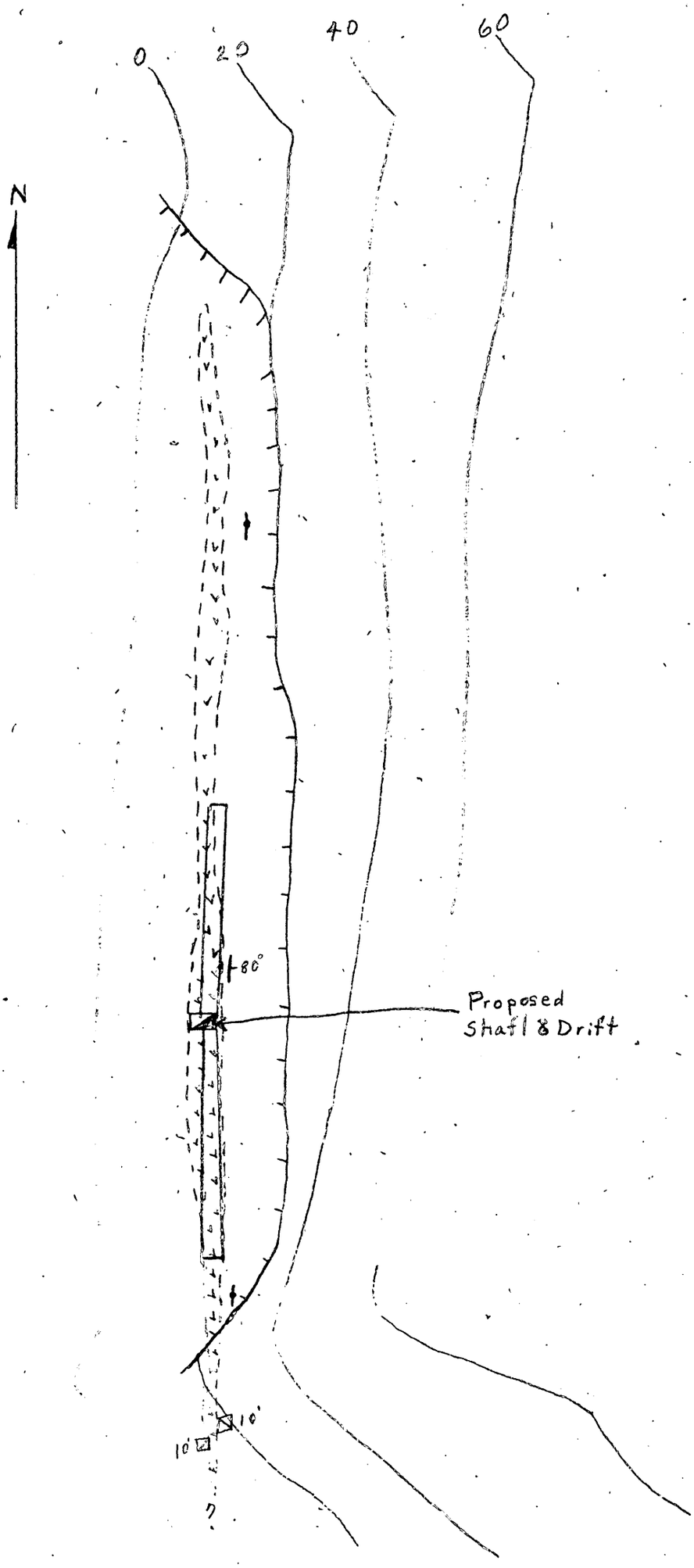
The above-described underground workings are shown diagrammatically on the attached map entitled "Sketch of Grant Laws Mine, Yancey Co., N. C. - DMEA-2870."

The location, direction, and extent of all work shall have prior approval of the Government.

Agreed Unit Costs

Construction toolhouse shelter 1/	$190.00	
Sinking of shaft, 65 feet @ $42.00/ft. (This includes cost of partition between compartments and ladders)	2,730.00	
Timbering of shaft, 65 feet @ $8.00/ft.	520.00	
Drifting and crosscutting, 116 feet @ $35.00/ft.	4,060.00	
Total Agreed Unit Costs		$7,500.00
Government Participation @ 90%		$6,750.00

1/ The unit is the completed structure.



Sketch of
Grant Laws Mine
Yancey Co., N.C.

0 40' 80'

DMEA-2870 (mica)

GUARANTY

In consideration of the waiver by the United States of America of the requirement of the Owner's Consent to Lien, as set forth in paragraph 2 (b) of the attached Exploration Project Contract, the undersigned jointly and severally hereby guarantee payment to the United States of America of any royalties, as specified in said Contract and any future amendment thereof, upon any and all ore which is mined within ten years of the date of said Contract from the land described in Article 2 thereof, regardless of whether the undersigned have any interest in the property covered by the said Contract, or any part in the mining operations at the time said ore is mined. If for any reason the net smelter returns or other net amounts, from operations that would be subject, under the said Contract and any amendment thereof, to such payments to the United States of America, are not available as a means of measuring the amount of such payment, then the undersigned agree and undertake jointly and severally to make such payment according to the best estimates of the amount that can reasonably be made, and in the event of dispute as to such estimate, the undersigned agree jointly and severally that the determination thereof by either the Administrator of Defense Minerals Exploration Administration, or his designee, shall be final and binding upon the undersigned.

Dated June 11th, 1953.

Austin F. Hancock (Seal)
Austin F. Hancock

Austin F. Hancock Jr. (Seal)
Austin F. Hancock, Jr.

Lynn A. Coffey (Seal)
Lynn A. Coffey

600

OCT 6 1954

Mr. L. A. Coffey, Vice-President
Blue Ridge Mica Company, Inc.
121 McIver Street
Greensboro, North Carolina

Re: Docket No. DMEA-2870 - Mica
Great Lens Prospect
Yancey County, North Carolina
Contract No. Idm-8534

Dear Mr. Coffey:

We are pleased to advise you that your performance of exploration work under the subject contract has been acceptable to the Government, and the account relating thereto has been closed. The final audit of the Contract Administration and Audit Division shows:

Total claimed for units of work performed	$7,460.00
Total Government contribution at 90 percent	$6,714.00

Your attention is called to the provision of the contract which requires you to keep and preserve your records and accounts of this transaction for a period of three years for possible future reference.

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the exploration contract. In the absence of such certification, the Government retains no claim or lien against the property for royalty on any production made after the date of this letter.

The Government thanks you for your interest and participation in the exploration program of the Defense Minerals Exploration Administration.

Sincerely yours,

C. O. Mittendorf

Administrator

LGHouk:gad 9/30/54
Copy to: Admr. R. File
Docket
Mr. Dietrich, 3061
Mr. Houk
Field Team, Region VII
Mr. Killagaard, 5227
Mr. Chambers

Project Summary Report

By: James Hopkins September 29, 1954

1. Docket No. DMEA-2870 - Mica
Contract No. Idm-E534
Grant Laws Mine
Yancey County, North Carolina

Operator: Blue Ridge Mica Company, Inc.
121 McIver Street
Greensboro, North Carolina

Operator's property rights: Lease to G. B. Woody and assigned to C. M. Cooley, Dec. 12, 1952. Assignment to Blue Ridge Mica Company, Inc., Feb. 18, 1953. Guaranty dated June 11, 1953, in lieu of Owner's Consent to Lien.

2. Contract - dated May 28, 1953

Work authorized:

Toolhouse	$190.00
Shaft sinking 65 ft. @ $42.00	2,730.00
Shaft timbering 65 ft. @ $8.00	520.00
Drifting and crosscutting - 116 ft. @ $35.00/ft.	4,060.00
Total agreed unit costs	$7,500.00
Government participation @ 90%	$6,750.00

Amendments:

No. 1, dated Jan. 11, 1954, extends completion period from 8 to 14 months.
No. 2, dated July 15, 1954, extends completion period from 14 to 16 months.

Work completed:

Toolhouse	$190.00
Shaft sinking 65 ft. @ $42.00	2,730.00
Timbering shaft 60 ft. @ $8.00	480.00
Drifting 116 ft. @ $35.00	4,060.00
Total cost of project	$7,460.00
Government participation at 90 percent	$6,714.00

Work began June 16, 1953 and was completed July 30, 1954.

3. Audit: Report of Review, dated Sept. 2, 1954.

Total cost as billed by contractor		$7,460.00
Exceptions	None	
Total accepted cost		$7,460.00
Government participation @ 90%		$6,714.00

4. Certification of discovery - none issued.

5. Comments: The work under the contract was conducted in an efficient and satisfactory manner exdept for loss of part of original crosscut due to inadequate timbering. The Operator drove a new crosscut at his own expense after the original one caved in.

Operation was fair. Progress was very slow. Narrative reports were quite adequate.

Geological premise: The premise that an almost vertical pegmatite 4 to 8 feet thick and enclosed conformably in a semi-weathered hornblende gneiss would yield strategic mica in depth was not borne out by the exploration work.

Geological criteria on which project was based: Occurrence of some strategic grade mica in a recently excavated trench. The pegmatite is composed of coarse plagioclase lenticular quartz pods and mica.

Geological criteria developed during the project:

1. An unzoned pegmatite with a maximum width of 6 ft. is exposed in the underground work.
2. The thickness tends to change rapidly in short distances due to intense post-pegmatite movement.
3. Mica discovered during project is badly sheared by post-pegmatite movement. Most is badly ruled, curved and cracked and not of strategic quality.

500 pounds of run-of-mine mica was recovered. Reserves are negligible.

Future possibilities: None for strategic mica.

Recommendations: No further work is warranted. The Nonmetallic Minerals Division concurs with the field team that no certification of discovery be issued. The Geological Survey and the Bureau of Mines concur.

JHopkins:gad 9/29/54
Copy to: Admr. R. File
Mr. Houk

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

September 3, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Donald R. Irving, Acting for Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2870 (mica)

Applicant: Blue Ridge Mica Company

Name and Location of Property: Grant Laws Mine
Yancey County, North Carolina

Contract Number: Idm-8542

Date of Field Team Final Report: August 17, 1954

Date Rec'd. by Ceramic and Fertilizer Mtls. Br.: August 23, 1954

Field Team Recommendation:

1. No certification of discovery or development.

Comments:

1. Work which began June 16, 1954 and ended July 30, 1954 consisted of sinking a 65-foot shaft, and drifting 111 feet.

2. Expenditures -

Total approved	$7,500.00
Total cost	7,465.00
Gov't. share	6,718.50
Value	?

3. No strategic mica was encountered.

Recommendation:

I concur in the field team's recommendation to deny certification.

Signed

Donald R. Irving

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

SOUTHEASTERN REGION
REGION VII
HAMILTON BANK BUILDING

OFFICE OF
REGIONAL DIRECTOR

POST OFFICE BOX 1909
KNOXVILLE, TENNESSEE

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 31 1954

August 27, 1954

Memorandum

To: J. L. Chambers, Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Administrative Officer, Region VII, Knoxville, Tennessee

Subject: Monthly reports and vouchers

We are enclosing two copies each of the following monthly reports and vouchers:

Idm-E-534 Blue Ridge Mica Co., Inc.
DMEA Docket No. 2870
6th and final payment - months of May - June and July
Completion Date: 7/30/54
Amount 2016.00

Idm-E-608 Everett L. Poston
DMEA Docket No. 3131
5th and final payment - month of August
Completion Date: 8/10/54
Amount 756.00

Idm-E-614 Fred Hyatt
DMEA Docket No. 3125
7th and final payment - month of July
Completion Date: 7/30/54
Amount 693.00

Helen M. Miller

Attachments 6

/hbm
Copies to W. A. Beck
R. A. Laurence
Region Files
Day Files

Form MF-104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

42

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 31 1954
FINAL

OPERATOR'S MONTHLY REPORT AND VOUCHER

May June & July 4 2070 DM- R 934

Month of 105 Mica Dockets No. DMEA-Coffey
Operator's Name 212 Forest Hill Drive, Greensboro, N.C.
Address 7500.00 00
Contract Amount, $ Government Participation: % Amount, $ 6750.00

Contract No. Mica
Minerals

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contracts:						
Short Form Timbering		400.00	400.00			
Drift Shaft Shafting		2750.00	2750.00			
Bulldozing						
Crosscutting (Cart)	2240.00	1020.00	4060.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs		100.00	100.00			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
Totals	2240.00	3220.00	7460.00	2,240.00	5,220.00	7,460.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-11

I certify that the above bill is correct and just and that payment therefor has not been received. July 30, 1954 Blue Ridge Mica Co. Inc.

Date Payee

Per Donald L.A. Coffey Title Vice Pres.

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

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

(Instructions on reverse)

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

$ 2,016.00

Signature Cora A. Pipes
(Authorized Certifying Officer)

Date AUG 24 1954 Vou. No. 42
(See other side)

647

C 7/30

224.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. ~~Idaho E534~~ in accordance with the terms of the contract.

Signature W. E. Beck Title Supervising Mining Engr. USBM Date AUG 23 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: ACTING EXECUTIVE OFFICER

Signature W. E. Beck Title DMEA REGION VII Date AUG 23 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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AUG 31 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May June and July 1954 Docket No. DMEA 2070 Contract No. DMI-R 554

Operator's Name Blue Ridge Mica Co. Inc. % L.A. Coffey Minerals Mica

Address 818 Forest Hill Drive- Greensboro, N.C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	FT	2240.00	64	4000.00	116	35.00	116	35.00
Crosscutting								
Raising								
Shafts	FT	-	-	2750.00	65	42.00	65	42.00
~~Wales~~ Timbering	FT	-	-	480.00	60	8.00	65	8.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Tool House	EA	-	-	100.00	1	100.00	1	100.00
Total Distributed Costs		2240.00		7460.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		2240.00		7460				

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

Date July 30, 1954 Operator Blue Ridge Mica Co. Inc.

Per Yates Bennett Agent Title Vice. Pres.

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

Remarks:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Minerals Administration
RECEIVED

BLUE RIDGE MICA COMPANY, INC.

Grant Laws Mine

Operators monthly Report for May 1954

Work was started at a point 20 feet from the botten of the shaft and in the drift formely run by Elmer Thomas. We made a distance of 15 feet during this period. The equipment was in bad state of repair and we spent a great deal of time working on equipment.

May	4	Worked on road
"	5	Worked on equipment
"	6	" " "
"	8	Pumped water
"	10	" "
"	11	Worked on timber in shaft
12	12	Drilled & Blasted
"	17	Muckes out 5 feet
"	18	Drilled & Blasted
"	19	Mucked out 5 feet
"	20	set timber in drift
"	24	Drilled & Blasted
"	25	Mucked out 5 feet and set timber
"	26	Drilled & Blasted

BLUE RIDGE MICA COMPANY, INC.

Grant Laws mine

OPERATOR'S MONTHLY REPORT FOR JUNE, 1954

Work was started at a point 15 feet in drift and continued for a total distance for the month of 51½ feet. We contacted vein at 40 feet and followed the vein for a distance of 16⅓ feet at which point it was decided to discontinue the operation on this level.

We moved back up into the shaft a distance of 40 feet from the surface and started a drift in a southerly direction.

June 2nd mucked out 5 feet
June 3rd drilled and blasted
June 4th mucked out 5 feet
June 5th set timbers, drilled and blasted
June 7th mucked out 5 feet
June 8th drilled and blasted
June 9th set timbers mucked out 5 feet
June10th drilled & blasted
" 11th mucked out set timbers 5 feet
" 12th drilled and blasted
" 15th mucked out 4 feet
" 17th set timbers,drilled and blasted
" 18th mucked out 4 feet
" 21st drilled and blasted
" 22nd set timber, mucked out 5 feet
" 23rd drilled, blasted and mucked out 3½ feet
" moved into the shaft a distance of 40 feet from the surface and started a drift in a southerly direction.
June 28 cut hole in south wall of shaft
June 29 drilled and blasted. mucked out 6 feet

FINAL

Defense Minerals Administration
RECEIVED
AUG 1 1954

BLUE RIDGE MICA COMPANY, INC.

Grant Laws mine

OPERATOR'S MONTHLY REPORT FOR JULY, 1954

Work was started at a point 6 feet in the drift and driven a distance of 41 feet, making a total distance in thid drift of 47 feet. We picked up vein some 20 feet in the drift. This veic contained some very low grade mica, mostly scrap mica.

It was desided by the DMEA engineers and Blue ridge mica Co. Inc. to discontinue operations.

July	1st	Timbered, drilled and blasted
"	2nd	mucked out and set timber a distance of 4 feet
"	5th	drilled and blasted
"	6th	mucked and set timber a distance of 4 feet
"	7th	drilled and blasted
"	8th	mucked out 4 feet
"	9th	set timber and worked on equipment
"	12th	drilled and blasted
"13	13th	mucked out 4 feet
"	14th	set timbers
"	15th	drilled and blasted
"	16th	Mucked out 4 feet
"	19th	Drilled and blasted
"	20th	mucked out 5 feet
"	21st	drilled and blasted
"	22nd	set timbers and mucked out 4 feet
"	23rd	drilled and blasted
"	26th	mucked out 4 feet
"	27th	drilled and blasted
"	28th	timbered and mucked out 4 feet
"	29th	drilled and blasted
"	30th	mucked out 4 feet

September 7, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 2 - Docket No. DMEA-2870 - Mica
Blue Ridge Mica Company, Inc.
Grant Laws Mine
Yancey County, North Carolina
Contract No. Idm-E534

This amendment extends the completion date from July 28, 1954 to September 28, 1954, and is justified because heavy ground conditions necessitated extra timbering slowing up the operation.

The Nonmetallic Minerals Division concurs in the amendment as written and executed by the Executive Officer, DMEA Field Team, Region VII.

W. C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 9/7/54
Copy to: Admr. R. File
Mr. Houk

IN REPLY REFER TO:

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

August 23, 1954

Memorandum

REVIEW OF FINAL FIELD TEAM REPORT ON APPLICATION DMEA-2870 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: E. L. Newcomb, U. S. Geological Survey
Applicant: Blue Ridge Mica Company
Name of property: Grant Laws Mine
Location of property: 4.5 mi. NE of Burnsville, Yancey Co., N. C.
Date of Field Team Report: August 17, 1954
Authorship of Field Team Report: K. N. Teague, D. W. Amos, and I. E. Shirley
Field Team's recommendation: No certification of discovery. Reserves of strategic mica are negligible.
Comments: I concur with Field Team recommendation against certification.

E. L. Newcomb

ELNewcomb:hlm
G-8/23/54

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

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

August 23, 1954

Memorandum

To: Operating Committee - DMEA - Washington

From: Acting Executive Officer, DMEA - Region VII

Subject: Amendment No. 2 - DMEA-2870, Idm-E534 (mica) Blue Ridge Mica Co.

Transmitted are three copies of Amendment N. 2 on the subject exploration project.

The usual distribution of the other copies has been made.

Wm. A. Beck

sm.
cc:
Beck
Lynch
Finance Office
Files

August 24, 1954

Memorandum

To: Operating Committee, - DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: DMEA-2870, Idm-E 542 (mica) Grant Laws Mine, Yancey County, N. C.
Justification of Amendment No. 2

Amendment No. 2 was prepared because the Operator lacked only a few feet of completion on the stated expiration date, and actually completed two days later. It was in the Government's interest to provide the small extra time needed to complete the approved work. See field team final report.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

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

RAL/sm

cc:
Beck
Lynch
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 25 FEDERAL BLDG.
KNOXVILLE 2, TENN.

August 17, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: Final Report, DMEA-2870, Idm-E ~~542~~ 534 (mica) Grant Lays Mine, Blue Ridge Mica Co. Greensboro, N. C. Yancey Co. N. C.

Enclosed are four copies of the Field Teams final report on the subject exploration contract. We agree with the examiners' conclusion that, although some mica was recovered during exploration, the project did not discover a commercially workable deposit of mica, and certicate of discovery should not be issued.

We have requested, but not yet received, the Operator's final report. The final voucher is being held here, pending receipt of the report. An amendment extending the completion date is required, as the work was completed two days after the date specified in Amendment No. 1. Amendment No. 2 will be sent as soon as it is returned to us, with the Operator's signature.

The approved amount of the final voucher is included in the totals on page 2 of the Field Team report.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

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

WALtxm

Reviewed by
DMEA OPERATING COMMITTEE
8-23-54
(Date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT

On

DMEA-2870, GRANT LAWS MINE (mica)
Yancey County, N. C.

By

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

and

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

August 17, 1954

Reviewed by
DMEA OPERATING COMMITTEE
8-23-54
(date)

FINAL REPORT
On
DMEA-2870, GRANT LAWS MINE
Idm-2634 (mica)

Operator: Blue Ridge Mica Co., Inc. 121 McIver St. Greensboro, N. C.

The Grant Laws Mine is 3.0 airline miles and 4.5 miles by road N. 45° E. of Burnsville, Yancey County, N. C. It is on the southwest slope of Locust Rough Mountain about 1000 feet from the summit.

Work completed under the contract consisted of constructing a toolhouse, sinking a 65-ft. 5' x 7' vertical shaft, 60 ft. of which was timbered and driving 116 feet of laterals from this shaft. Most of the mica discovered by this work is badly sheared by post-pegmatite movement and is not of strategic quality; thus, a certification of discovery should not be issued. Additional exploratory work is not warranted.

Work began June 16, 1953 and was completed July 30, 1954. A 10' x 15' frame toolhouse was constructed at the site. A 65 ft. vertical shaft with partition manway was sunk; 60 ft. of this shaft was timbered. From the 60-ft. level a total of 110.5 feet of laterals were driven. These consist of (1) a 52-ft. crosscut driven eastward from the shaft, (2) a 42-foot crosscut driven to the southeast from a point in this 52-ft crosscut 21 ft east of the shaft, and (3) a 16.5 foot drift driven south from a point 12 feet from the head of the 42-foot crosscut. The 42-foot crosscut was driven at the Operator's expense. The field examiners insisted on this work being done at the operator's expense because the 52-foot crosscut was lost to heavy ground due to inadequate timbering. From the 40.- foot level of the shaft a 47.5 foot drift was driven in a S. 10° E. direction.

An unzoned pegmatite with a maximum thickness of about 6 feet is exposed in the laterals. The thickness tends to change rapidly in short distances, largely, a result of intense post-pegmatite movement. The body is essentially conformable, but locally crosscuts the dip of the foliation of the country rock, biotite schist and gneiss and hornblende gneiss, at small angles. It strikes N. 10° W. to N. 25° E and dips steeply to the east; about vertical near the surface but flattening with depth, being about 75° E. at the 60-foot level. The pegmatite consists of kaolinized plagioclase, quartz, perthite, and muscovite, in order of abundance. The mica tends to be in "seams" that occur throughout the pegmatite. Biotite in some layers of the country rock has been altered to vermiculite.

An estimated 500 pounds of poor quality "mine-run" mica was recovered from work done under the contract. Most is badly ruled, curved and cracked, and not of strategic quality.

Reserves of strategic mica revealed by the work under the contract are negligible.

Expenditures;

(a)	Total approved	$7,500.00
(b)	Total cost of project	7,465.00
(c)	Government's share of cost	6,718.50
(d)	Government's " unexpended	32.50
(e)	Value of production during opr.	?

The work under the contract was conducted in an efficient and satisfactory manner except for loss of part of original crosscut due to inadequate timbering. The operator drove a new crosscut at his own expense after the original one caved in. No equipment was purchased under the contract.

August 17, 1954

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

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

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

August 23, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region VII

Subject: Final Operators Engineering and Geological Report DMEA-2870, Idm-E 542 (mica) Blue Ridge Mica Co. Grant Laws Mine, Yancey County, N. C.

Transmitted are original and three copies of the subject report.

The Field teams final report was sent your office August 17. In that report errors were made in the items under "Expenditure," please make the following corrections:

(b) Total cost of project $7,460, instead of $7,465.

(c) Government's share of cost $6,714, instead of $6,718.50

(d) Government's share unexpended $36, instead of 32.50.

The Operator's final voucher is being sent to the Finance office today.

Wm. A. Beck,

WAB/zm
cc
Beck
Lynch
Files

BLUE RIDGE MICA COMPANY Inc.,

Crant Laws Mine

OPERATOR'S FINAL ENGINEERING AND GEOLOGICAL REPORT

Work was begun on June 15,1953. A shaft was sunk and timbered to a depth of 65 ft. Solid vein material was encountered at a depth of 42 feet and tapered toward center of shaft to a depth of 53 feet; however, this vein did not contain any mica.

From the bottom of the shaft, we drifted in a N.E. direction a distance of 52 feet through very soft material. This drift was also timbered for approximately 40 feet. The remaninig 12 feet (after allowing to stand for a period of a wwek) caved in and it was deemed impracticla to muck out; therefore we started another drift in an Easterly direction, some 20 feet from the bottom of the shaft. This drift was driven 40 feet at which point we picked up pegmatite about 18" thick.
We followed this vein for a distance of 16½ feet. It varied in width from 18" to 30" but at no place did we find mica. We abandoned this drift and started a new drift in the shaft 40 feet from the surface.

This drift was driven 47½ Feet through a soft feldspar and mica vein, but at no place did we ever encounter any mica; therefore, it was decided to abandon the project.

C
O
P
Y

August 3, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: Completion of Mica Projects.

The following projects, due for completion in July and August, have been completed:

DMEA-2794, Idm-E 607 (Carolina-Clear Mica Co.)

DMEA-2870, Idm-E 542 (Blue Ridge Mica Co.)

DMEA-2871, Idm-E 602 (Joe A. Beasley)

Actual dates of completion of DMEA-2794 and DMEA-2870 are not known; if the July vouchers show that work was done after the 24 and 28th respectively, we will prepare amendments to authorize the few extra days' work.

These contracts, due for completion in August, will not be completed and we will prepare amendments to extend both:

DMEA-2579, Idm-E 459 (Mica Industries, Inc.)

DMEA-3188, Idm-E 647 (Charles Hensley)

We have received a final voucher, but no final report on DMEA-3132 (Dixie Mines, Inc.). This project was completed in June.

Robert A. Laurence
Executive Officer
DMEA Region VII

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

INTERIM REPORT
On
DMEA-2870, Idm-E 634
(mica)

GRANT LAWS MINE

Operator: Blue Ridge Mica Company, Inc., 121 McIver St., Greensboro, N.C.

Location: 3.0 airline miles and 4.5 miles by road N. 45° E. of Burnsville, Yancey County, N. C. on the southwest slope of Locust Rough Mountain about 1000 feet from the summit.

Drifting continues on this contract from the 40-foot level. Level work completed to date totals 110-feet, 42 feet of which is from the 40-foot level in a S. 10° E. direction.

Pegmatite exposed near the head of this new drift is about 5.5 feet thick and consists of kaolinized plagioclase, quartz and muscovite. The mica is concentrated in "seams" and is badly sheared, cracked and ruled by post-pegmatite movement. None is of strategic quality.

The remaining 6 feet of this contract will be expended in advancing the drift from the 40-foot level to the southeast.

Recent progress has been satisfactory.

Date of exam: July 29, 1954.

K. H. Teague and D. H. Amos, Geologists
U. S. Geological Survey

[illegible]-2370 [illegible]

[illegible]: [illegible], [illegible], 121 [illegible] Street, Greensboro, N. C.

LOCATION: [illegible].0 airline miles and [illegible].5 miles by road [illegible] 45° [illegible] of Burnsville, Yancey County, N. C. on the southwest slope of Locust Bough Mountain about 1000 feet from the summit.

Drifting continues on this contract from a new level. Searching work will be driven to the north in an effort to produce strategic ties. Level work completed to date totals 99.5 feet.

Material encountered in the new drift from the 40-foot shaft level is pegmatite, composed of kaolinized feldspar, scattered quartz and an occasional block of monazite mica which is badly crushed. The closing rock is a biotite schist which is badly weathered near the contacts. Solid overhead is [illegible] the ocean [illegible] this level as was the case from the shaft bottom. [illegible] level work, which will complete the contract, will be driven to the north in an effort to encounter a mica sheet. Progress on this contract is satisfactory.

Mr. E. A. Laurenco, Executive Officer of [illegible], Region VI, accompanied the examiners on this visit to the mine.

[illegible] Shirley, Mining Engineer
[illegible] Bureau of Mines

[illegible] League & [illegible] Ames, Geologists
U. S. Geological Survey

July 16, 1954

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 7-23

REFERRED TO:

1. 600
2.
3.
4.

FOR:

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

REMARKS: ? F.T. authority expired but issue around work remaining will allow to go through

Check (X) before the items needing attention.

ROBERT E. ADAMS
Initials of sender.

GPO 16—63815-1

July 20, 1954

Memorandum

To: Operating Committee, DMEA Washington

From: Executive Officer, DMEA - Region VII

Subject: DMEA-2870, Idm-S 5jk (mica) Blue Ridge Mica Co. Greensboro, N. C.
Grant Lane Mine, Yancey County, N. C.

Enclosed are four copies of the latest interim report on the subject exploration contract.

Work on the 60-foot level had to be abandoned because of bad ground. It is our opinion that drifting at 40-foot - as requested by the field examiner, can be done without amendment, under the wording of exhibit "B" and therefore, we have exhausted the work. If this is incorrect, please advise and we will prepare an amendment.

Progress is satisfactory, and we anticipate completion before July 28, when the contract, as amended, is due to be completed.

Robert A. Lawrence
EXECUTIVE OFFICER
DMEA REGION VII

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

RAL/gm
cc:
Beck
Lynch
Opr. Com.
Files

INTERIM REPORT

DMEA-2870 Idm-1554 (mica) MONT LAKE MINE

OPERATOR: Blue Ridge Mica Company, Inc., 121 Silver Street, Greensboro, N. C.

LOCATION: 3.0 airline miles and 4.5 miles by road N 45° E of Burnsville, Yancey County, N. C. on the southwest slope of Locust Bough mountain about 3000 feet from the summit.

Drifting has been underway on this contract, following narrow pegmatite. It was suggested that the remainder of the drift work be conducted in better holding pegmatite material encountered during shafting at the 40 ft. level. Permission is requested, if necessary, to complete remaining drift footage under contract from this level.

Upon completing a crosscut to the southeast for a distance of 42 feet, at the operators expense, pegmatite material was encountered. A reverse fault was observed showing considerable displacement of the pegmatite. A crosscut at Government expense was recommended to intersect the pegmatite in the southeast block. This was accomplished and 16.5 feet of crosscut and drift was completed. The pegmatite varies at the point of intersection from 6 inches, to 4 feet in thickness along the drift. It is barren of mica and no additional work in this area appears warranted. The operator was advised to conduct the remaining work from the 40-foot level, driving drifts from the shaft along the strike. Most of the previous mica recovery came from this pegmatite. Recent progress on this contract is satisfactory.

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

T. N. Tongue & D. H. Amos, Geologists
U. S. Geological Survey

July 2, 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 11, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

June 30, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: DMEA-2870, Idm-E 534 (mica) Blue Ridge Mica Co. Inc.
Grant Laws Mine, Yancey County, N. C.

Work at the Grant Laws Mine was resumed during June, under supervision of Yates Bennett of Burnsville, North Carolina, and is progressing satisfactorily. An amendment extending the completion date will be prepared if it appears impossible to complete by July 28.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

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

RAL/xm
cc:
Beck
Lynch
Opr. Com.
Files

JUN 28 1954 600

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

Re: Docket No. DMEA-2784 - Mica
H. J. Twiggs, et al.
Sam Huskins Mine
Yancey County, North Carolina
Contract No. Idm-E519

Docket No. DMEA-2870 - Mica
Blue Ridge Mica Company, Inc.
Grant Laws Mine
Yancey County, North Carolina
Contract No. Idm-E534

Docket No. DMEA-3099 - Mica
Homer C. Mundy and
Carl Frank Thomas
Dickens Mine
Oconee County, Georgia
Contract No. Idm-E609

Dear Mr. Laurence:

Reference is made to subject projects which have been informally recessed during the winter months. Apparently the Operators have become discouraged and, therefore, lost interest in these projects, although we note that for two of the contracts termination periods have been extended.

In all of these cases it seems that the Operator may be in default of the contract and has failed to cooperate with the Field Team. We feel, therefore, that you should write to these Operators calling attention wherein they are in default of the terms of the contract and have failed to cooperate with the Field Team. Advise them that unless the default is cured within 30-days from the date of the letter that the Government will terminate its obligations under the contract and take whatever steps are necessary to recover its contribution to the cost of the project. If the Operators fail to satisfactorily respond to these letters you should refer the matter to this office, making your recommendations in each case based upon your determination as to whether or not you believe it is in the best interest of the Government to complete the contract work or to terminate the contract.

Copy to: Admr. R. File
Docket (3)
Operating Committee
Mr. Houk (3)
Mr. Dietrich, 3061
Mr. Larrabee, G-232 GSA Bldg.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

D. M. Larrabee
Member, Geological Survey

LGHouk:gad/rewritten FEJohnson:gad 6/24/54

INTERIM REPORT On

DMRA-2870, Idm-E 534, GRANT LAWS MINE
(mica)

Operator: Blue Ridge Mica Company, Inc., 121 McIver St. Greensboro, N. C.

Location: 3.0 airline miles and 4.5 miles by road N. 45° E. of Burnsville, Yancey County, N. C., on the southwest slope of Locust Rough Mountain about 1000 feet from the summit.

Crosscut has been advanced 40 feet to the southeast at the Operator's expense; the last 18 feet being advanced in S. 85° E. direction. A pegmatite about 2 feet thick is exposed on the left wall about 4 feet from the head of this lateral. It contains a few books of ruled mica. A reverse fault which strikes N. 50° W., and dips 40° SE has displaced the pegmatite in the crosscut.

The Operator was advised to drive a crosscut beginning at a point 10 feet from the present heading in order to intersect the pegmatite in southeast fault block.

Date of exam: June 17, 1954

K. H. Teague and Dewey H. Amos, Geologists
U. S. Geological Survey

INTERI[redacted]

TEA-2870 Idm-2534 (mica) [redacted]

OPERATOR: Blue Ridge Mica Company, Inc., 121 Silver Street, Greensboro, North Carolina.

LOCATION: 2.0 airline miles and 4.5 miles by road N 45° E of Burnsville, Yancey County, N. C. on the southwest slope of Locust Knob Mountain about 1000 feet from the summit.

Work was resumed at this mine May 6, 1954 after a delay of several months. Crosscutting is underway at the operators expense. A verbal agreement with the operator provides that Government participation will resume after pegmatite is reached by the contract. 64 feet of drift remains on the contract.

Heavy ground which has worked into the crosscut to a point 25 feet from shaft turnoff. A crosscut was begun at 21 feet and has been advanced 25 feet to the southeast. Work will continue in this general direction until pegmatite is found. Material encountered consists primarily of biotite schist, vermiculite zones and pods of granitic or pegmatitic material containing scrap size mica.

The operator was advised to begin timbering the crosscut immediately. Weathered ground encountered in the last few feet is unsafe. Progress on this contract is satisfactory.

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

E. H. Teague & A. H. Amos, Geologists
U. S. Geological Survey

June 3, 1954

FEB 18 1954

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

Re: Docket No. DMEA-2370 (Mica)
Blue Ridge Mica Company, Inc.
Grant Lease Mine
Yancey County, North Carolina
Contract IdM-X534

Dear Mr. Laurence:

This responds to your letter dated February 4 informing us that there has been no work performed under the subject contract since November 1953, and that no formal recess agreement has been executed. Your letter also raises the general question whether formal recess agreements are necessary, either under the short-form or long-form contracts, where the recess is to be for a short but indefinite period of time, because of winter weather or illness of the Operator, etc.

The Operator is not required to work continuously, under any contract form, so long as he can complete the work within the time fixed in Article 3. In connection with short-form (agreed unit costs) contracts, an informal understanding with the Operator, confirmed either by a letter or by a statement in the monthly report that the Operator intends to shut down for a specified period of time, for a stated reason (such as winter weather), is not objectionable. However, there may be occasions when, under a short-form contract, it might be well to have a formal agreement with the Operator specifying the date when work should be resumed. Then, in the event that work was not resumed as specified in the formal agreement, the Operator's default would be clear. In the subject case, for example, where the project was in recess since November 1953, and an Amendment No. 1 was executed on January 11, 1954, to extend by 6 months the time for completion, it would have been appropriate to provide a starting date for the work.

Under the long-form contract, it is always in the best interest of the Government to have a formal recess agreement, not only for the purpose of specifying the date for resumption of work, but for the purpose of defining the rights and obligations of the parties with respect to the costs of preserving the equipment and the project work during the recess, and any costs of rehabilitating both after the work is resumed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Director, Bureau of Mines

Philip W. Guild

Director, Geological Survey

LSHouk:HCR:ep 2-15-54

Copy to: Docket
Adm. Reading File
Operating Committee
Mr. W. F. Dietrich, B/R Rm 3526
Mr. D. M. Larrabee, USGS, G-232 GSA Bldg.
Mr. Houk
Mr. Hofflund
Mr. Rubin
Chron.
Pending

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

rewritten JCR/ep

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

Subject: Docket No. DMEA-2870 - Mica
Blue Ridge Mica Company, Inc.
Grant Laws Mine
Yancey County, North Carolina
Contract No. Idm-E534

Dear Mr. Laurence:

Reference is made to your memorandum of February 4, 1954, to the Operating Committee, on the subject contract with a request to continue informal suspensions for periods of three months without formal recess agreements.

Permission is granted to continue the informal temporary suspension for periods of thirty days without formal recess agreements for legitimate cause such as winter weather, illness, etc. On recesses in excess of thirty days the formal recess agreement should be made.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

February 5, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 1 - Docket No. DMRA-2870 - Mica
Blue Ridge Mica Company, Inc.
Grant Lewis Mine
Yancey County, North Carolina
Contract No. Idm-2534

This amendment extends the completion date from January 28, 1954, to July 28, 1954, and is justified because heavy ground conditions necessitating careful timbering has slowed up the operation.

The Nonmetallic Minerals Division concurs in the amendment as written and executed by the Executive Officer, DMRA Field Team, Region VII.

/s/
W. C. Anderson
Nonmetallic Minerals Division

WCAnderson:ag 2/5/54

Copy to: Admr. R. File
Docket File
Mr. Houk

600

FEB - 1 1954

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

Subject: Docket No. DMEA-2870 - Mica
Blue Ridge Mica Company, Inc.
Grant Laws Mine
Yancey County, North Carolina
Contract No. Bm-E534

Dear Mr. Laurence:

Reference is made to the Field Team's interim report of November 5, 1953, on the status of the subject contract.

It is noted that this project was halted temporarily because of heavy ground conditions, and that the work was expected to resume within a week. However, we have had no reports since that time. Therefore, it will be necessary to provide a recess in this case. The recess agreement should protect the Government from any costs incurred during the period of inactivity. See Memorandum No. 18, to All Field Teams from the Operating Committee, dated March 9, 1953.

The agreement for suspension of operations should provide for a fixed time for resumption of operations and any necessary time for completion of the work.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

s/ Philip W. Reed
Member, Geological Survey

WCAnderson:gad 1/27/54
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

Mr. Anderson

Form MF-104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Budget Bureau No. 25-R0036.4
(Approval expires 3-53)
Defense Minerals Administration
RECEIVED
DEC 2 - 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1953 Docket No. DMEA 2870 Contract No. LDM-E-534
Operator's Name Blue Ridge Mica Co. Inc., Minerals Mica
Address 121 McIver St., Greensboro, N.C.
Contract Amount, $ 7,500.00 Government Participation: 90 % Amount, $ 6,750.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
~~Bulldozing~~ Shafting						
~~Crosscutting~~		2,730.00	2,730.00			
Drifting	420.00	1,400.00	1,820.00			
Timbering		480.00	480.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		190.00	190.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	420.00	4,800.00	5,220.00	420.00	4,800.00	5,220.00

PAID ON SF-1081
NOR- 32

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Nov. 11, 1953 *Payee Blue Ridge Mica Co. Inc.,
Per L. A. Coffey Title Vice President

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

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

(Instructions on reverse)

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

$ 378.00

Signature Cora A. Piper
(Authorized Certifying Officer)
Date NOV 27 1953 Vou. No. 139
(See other side)

5

42.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tlm-E534 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Nov. 23, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date NOV 25 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-101A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

Defense Minerals Administration
RECEIVED
DEC 2 - 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Oct. 1953 Docket No. DMEA 2870 Contract NdM-E-534
Operator's Name Blue Ridge Mica Co. Inc., Minerals Mica
Address 121 McIver St., Greensboro, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Ft.	420.00	12	1820.00	52	1820.00	116	35.00
Crosscutting								
Raising								
Shafts	Ft.			2730.00	65	2730.00	65	42.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
~~Timbering~~	~~Ft.~~			~~480.00~~	~~60~~	~~480.00~~	~~65~~	~~8.00~~
TOTAL DISTRIBUTED COSTS		420.00		5,030.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								7,500.00
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		~~420.00~~		~~5,030.00~~				

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

Date Nov. 11, 1953 Operator Blue Ridge Mica Co. Inc.,

Per L. A. Coffey Title Vice President

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

BLUE RIDGE MICA CO. INC.,
GRANT LAWS MINE
OPERATOR'S MONTHLY REPORT FOR OCTOBER 1953

Narrative of work done from October 1st through October 31st.

Work was started at a point 40 ft. in drift and completed at a distance of 12 ft. beyond The work for this month was started in soft mud seam structure and continued through the month's operations in similar structure.

Our mine foreman, Mr. Elmer Thomas, advised us that he was drilling in ~~mine~~ mica at the base of the drift at about the 50 ft. point.

Unfortunately Mr. Thomas failed to take into consideration the soft vein material and timber and is having difficulty with the work falling in. We hope to over come this problem in the near future.

DAILY WORK REPORT

October 1st - Drilled and blasted
2nd - Mucked out 3 ft. to distance of 43 ft. in drift
3rd - Drilled and blasted
4th - Mucked out 3 ft. to a distance of 46 ft. in drift.
7th - Drilled and blasted
8th - Mucked out to a distance of 49 ft. in drift
9th - Drilled and blasted
10th - Mucked out to a distance of 52 ft. in drift.

Mr Anderson

6 or

RECEIVED
NOV 13 1953

INTERIM REPORT

DMEA-2870 Idm-2534 (mica) GRANT LANE MINE

OPERATOR: Blue Ridge Mica Company, Inc., 121 McIver Street, Greensboro, N. C.

LOCATION: 3.0 airline miles and 4.5 miles by road N 45° E of Burnsville, Yancey County, N. C. on the southwest slope of Locust Rough Mountain about 1000 feet from the summit.

This project has been halted temporarily because of heavy ground conditions encountered when the pegmatite was picked up in the crosscut at a point 46 feet from the shaft. At the time of a previous examination the need for careful timbering was pointed out in view of weathered mica schist as the enclosing rock. Additional work placed the crosscut at a point 52 feet from the shaft. An attempt to turn-off at this point allowed heavy ground to begin working down and later became uncontrollable. The pegmatite is reported by the workers to be 4 feet in width, but at 46 feet the body was only 2 feet in width. Mica in small amounts was recovered.

A point 24 feet from the shaft on the south wall of the crosscut in stable ground was selected and the operator was given permission to start another crosscut to the southeast in an effort to pick up the pegmatite with better ground conditions. The operator was advised to construct a bulkhead at a point 32 feet from the shaft at the toe of heavy ground to prevent additional material from working into the crosscut. Work is expected to resume within the coming week.

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

November 5, 1953

Mr. Anderson

INTERIM REPORT

IMEA-2870 Idn-L534 (mica) GRANT LAWS MINE

OPERATOR: Blue Ridge Mica Company, Inc., 121 McIver Street, Greensboro, North Carolina.

LOCATION: 3.0 airline miles and 4.5 miles by road N 45° E of Burnsville, Yancey County, N. C. on the southwest slope of Locust Rough Mountain about 1000 feet from the summit.

Crosscutting continues slowly on this contract and is now at 44 feet. The operator reports that the crosscut was advanced to 52 ft., at which point heavy ground was encountered from overhead which refilled the crosscut to 44 feet. Some timbering composed of stulls and lagging had been accomplished for 8 feet and the top lagging was loaded. Later contact with the operator revealed that this completely weathered schist continued to hamper operations. Permission was granted for an attempt to turn south at a point 25 feet in the crosscut and continue driving the crosscut in unweathered material at his own expense until the footage claimed originally had been reached. At 48 feet in the original crosscut, pegmatite material was encountered which eventually widened to 4 feet and was enclosed by weathered mica schist. It is understood that a change in direction to intercept this body will not entail a change in the contract.

The need for repairing timbers near shaft bottom was stressed.

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

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

October 19, 1955

n MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

PAID ON VOUCHER & SCHEDULE
PAYMENTS K-

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Defense Minerals Exploration Administration
RECEIVED
OCT 21 1953

Month of September, 1953 Docket No. DMEA 2870 Contract No. IDM-E-534
Operator's Name Blue Rige Mica Co. Inc., Minerals Mica
Address 121 McIver St., Greensboro, N.C.
Contract Amount, $ 7,500.00 Government Participation: 90 % Amount, $ 6,750.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
~~Bulldozing~~ Shafting		2730.00	2730.00			
Crosscutting						
Drifting	700.00	700.00	1400.00			
Timbering	8.00	472.00	480.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs		190.00	190.00			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	708.00	4,092.00	4,800.00	708.00	4092.00	4800.00

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

Date Oct. 5, 1953 *Payee Blue Ridge Mica Co. Inc.,

Per L. A. Coffey Title Vice President

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

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

(Instructions on reverse)

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

$ 637.20

Signature Cora A. Pierce
(Authorized Certifying Officer)

Date OCT 19 1953 Vou. No. 111

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E534 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Oct. 12, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. A. Beck ACTING Title EXECUTIVE OFFICER DMEA REGION VII Date OCT 15 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
RECEIVED
OCT 21 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1953 Docket No. DMEA-2870 Contract No. LDM-E-534
Operator's Name Blue Ridge Mica Co. Inc., Minerals Mica
Address 121 McIver St., Greensboro, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	ft.	700.00	20	1400.00	40	1400.00	116	35.00
Crosscutting								
Raising								
Shafts	ft.			2730.00	65	2730.00	65	42.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Timbering	ft.	8.00	1	480.00	60	480.00	65	8.00
TOTAL DISTRIBUTED COSTS		708.00		4,610.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								7,500.00
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		708.00		4,610.00				

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

Date October 5, 1953 Operator Blue Ridge Mica Co. Inc.,

Per L. A. Coffey Title Vice President

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

BLUE RIDGE MICA COMPANY, INC.

Grant Laws Mine

OPERATOR'S MONTHLY REPORT FOR SEPTERMBER 1953

NARRATIVE OF WORK DONE Sept. 1st to Sept.30th.

Work was started at a point 20 feet in tunnel and finished at a point 40 ft. beyond. Solid vein material was encountered the entire distance of work donw. At the 40 ft. point mud seams were evident and the structure was somewhat softer. The water situation was much improved at the termination of the month of Septmber.

September 9th - Drilled and blasted.

" 10th Mucked out 4 ft. to distance of 24 ft. in tunnel.

" 17th Drilled and blasted.

" 21st Mucked out 4 ft. to a distance of 28ft. in tunnel

" 22nd Drilled and blasted

" 23rd Mucked out 4 ft - to a distance of 32 ft. in tunnel

" 24th Drilled and blasted

" 28th Mucked out 4 ft. to distance of 36 ft. in tunnel

" 29th Drilled and Blasted

" 30th Mucked out 4 ft. to distance of 40 ft. in tunnel

Mr. Anderson

INSPECTION REPORT

MLRA-2870 Idn-2534 (Mica) RANT LAND LINE

OPERATOR: Blue Ridge Mica Company, Inc., 121 Solver Street, Greensboro, North Carolina.

LOCATION: 3.0 airline miles and 4.5 miles by road N 45° W of Burnsville, Yancey County, N. C. on the southwest slope of Locust Rough Mountain about 1000 feet from the summit.

Crosscutting continues on this contract and is now at 43 feet. Present heading shows from 4 - 8" of pegmatite material containing small mica. The enclosing mica and hornblende schists are highly weathered at this point and contain much water. It was suggested that, after pulling one more 4 ft. heading, an exploratory drift be driven on this narrow pegmatite to the south.

The need for scaling the crosscut thoroughly after each shot and timber requirements at the shaft bottom and crosscut turnoff was stressed again during this mine visit.

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

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

October 8, 1953

[illegible] REPORT

[illegible]-2870 Idn-1534 (mica) [illegible]

OPERATOR: Blue Ridge Mica Company, Inc., 121 Silver Street, Greensboro, North Carolina.

LOCATION: 3.0 airline miles and 4.5 miles by road N 45° E of Burnsville, Yancey County, N. C. on the southwest slope of Locust Rough Mountain about 1000 feet from the summit.

Crosscutting continues slowly to the east on this contract with no advance in footage from that reported two weeks ago. Material encountered in this 23 ft. consists of biotite schist, hornblende schist, vermiculite at 12-15 ft. followed by a narrow pegmatite zone composed of quartz, feldspar and small mica.

It was suggested that the drift be barred down and scaled thoroughly following shooting. Timbering is necessary at the turnoff, and it was also suggested that this be accomplished as soon as possible.

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

A. A. Teague, Geologist
U. S. Geological Survey

September 10, 1953

[illegible]

[illegible]-2170 [illegible]- 534 (miles) [illegible]

[illegible] [illegible], [illegible], 121 [illegible] ver [illegible] tro [illegible], [illegible], [illegible] line

[illegible] [illegible].0 [illegible] line [illegible] 4.5 miles by road [illegible] 45° [illegible] of [illegible], [illegible] County, [illegible] on the southwest slope of Mount [illegible] [illegible] about 1000 feet from the crest.

[illegible] dating [illegible] the east on [illegible] contract and is [illegible] 72 feet. [illegible] rock [illegible] quartz [illegible]. No one was working [illegible] time of visit because the [illegible] water from the prospect and necessary power for pumping was not available. Operators expect to resume work within the coming [illegible]. A small electric pump, taking off a gasoline-powered generator, was being used, but could not keep the water down.

[illegible] Shirley, [illegible] Engineer
[illegible] Bureau of Mines

[illegible] 27, 19[illegible]

MDS

Form ME-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

UNITED STATES Mr. Anderson
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August 1953, 195 Docket No. DMEA - 2870 Contract No. IDM-E 534
Operator's Name Blue Ridge Mica Co. Inc., Minerals Mica
Address 121 McIver, St., Greensboro, N.C.
Contract Amount, $ 7,500.00 Government Participation: 90% Amount, $ 6,750.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
~~Bulldozing~~ Shafting	168.00	2562.00	2730.00			
Crosscutting						
Drifting	700.00		700.00			
Timbering	24.00	448.00	472.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		190.00	190.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	892.00	3,200.00	4,092.00	892.00	3,200.00	4,092.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-13

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

Date Sept. 1, 1953 *Payee Blue Ridge Mica Co. Inc.,

Per [signature] Title Vice Preisdent

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

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

(Instructions on reverse)

89.20

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

$ 802.80

Signature [signature]
(Authorized Certifying Officer)

Date SEP 11 1953 Vou. No. 64

(See other side)

3

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E534 in accordance with the terms of the contract.

Signature Lawrence E. Shurley Title Mining Engr. U.S.B.M. Date Sept. 2, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: ACTING EXECUTIVE OFFICER

Signature W. A. Beck Title DMEA REGION VII Date SEP 4 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1953 Docket No. DMEA - 2870 Contract No. IDM - E 534
Operator's Name Blue Ridge Mica Co. Inc. Minerals Mica
Address 121 McDyer St

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Ft.	700.00	20	700.00	20	700.00	116	35.00
Crosscutting								
Raising								
Shafts	Ft.	168.00	4	2730.00	65	2730.00	65	42.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails			3 yrds		59 yrds			
~~Timbering~~	~~Ft.~~	~~24.00~~	~~4~~	~~472.00~~	~~60~~	~~472.00~~	~~65~~	~~8.00~~
TOTAL DISTRIBUTED COSTS		892.00		3,902.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								7,500.00
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		892.00		3,902.00				

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

Date Sept. 1, 1953 Operator Blue Ridge Mica Co. Inc.,

Per L. A. Coffey Title Vice-President

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

BLUE RIDGE MICA COMPANY, INC.,
GRANT LAWS MINES

OPERATORS
MONTHLY REPORT FOR AUG 3rd THROUGH
AUGUST 20th.

Narrative of work done from August 3rd through August 20th, 1953

Work started at 61 ftt depth in shaft

Monday, 3rd - sunk shaft 1½ ft.

Tuesday, 4th " " 1½ ft.

Wednesday, 5th " " 1 ft

Thursday, 6th Bought jack leg for hammer - started on drifting

Saturday, 8th Drilled and shot 4 ft. on drift

Monday, 10th. Mucked out 4 ft.

Tuesday, 11th Drilled and shot 4 ft.

Wednesday, 12th. Mucked out to 8 ft.

Thursday, 13th Drilled and shot 6 ft.

Friday, 14th Mucked out to 14 ft.

Monday, 17th Drilled and shot 6 ft.

Tuesday, 18th Mucked out

Wednesday, 20th Mucked out to 20 ft.

ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

EXECUTIVE OFFICER
DMEA REGION VII

September 4, 1953

Mr. L. A. Coffey, Vice Pres.
Blue Ridge Mica Co. Inc.
121 McIver St.
Greensboro, North Carolina

Ref DMEA-2870, Idm-E534 (mica)

Dear Mr. Coffey:

Your August Monthly Report and Voucher has been received in this office and is being forwarded to the Finance Office today for payment.

On your Form 104A, you show that 4 feet of timbering was done during the month for a total of 60 feet todate, yet you claim only $24.00 for the month and show $472.00 to date. We are changing your footage from four to three feet and from 60 feet to 59 feet. You may claim this extra foot in your next report.

Very truly yours,

Wm. A. Beck, Acting
Executive Officer, DMEA-Reg.7

WAB/xx
cc:
Laurence
Lynch
Finance Office-3
Files

INTERIM REPORT

MRDA-2370 Idm-534 (mica) GRAY LAWS MINE

OPERATOR: Blue Ridge Mica Company, Inc., 121 Melver Street, Greensboro, North Carolina.

LOCATION: 3.0 airline miles and 4.5 miles by road N 45° W of Burnsville, Yancey County, N. C. and on the southwest slope of Locust Rough Mountain about 1000 feet from the summit.

Shaft sinking has been completed on this contract and total depth is 50 feet. Turnoff was made at this point and a crosscut is being driven to the east. During sinking the pegmatite left the shaft at 50 feet. Drift advance is 10.7 feet and material encountered is biotite schist. No pegmatite has been encountered to date. Progress on this contract is satisfactory.

L. M. Shirley, Mining Engineer
U. S. Bureau of Mines

R. W. Teague, Geologist
U. S. Geological Survey

August 13, 1953

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R103.3.
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

ON VOUCHER & SCHEDULE OF PAYMENTS K- 1033 1953

Month of July, 1953 Docket No. DMEA - 2870 Contract No. IDE-E-524
Operator's Name Blue Ridge Mica Co. Inc. Minerals Mica
Address 121 McIver St., Greensboro, N.C.
Contract Amount, $ 7,500.00 Government Participation: 90 % Amount, $ 6,750.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
~~Drilling~~ Sinking	1680.00	882.00	2562.00 LES			
Bulldozing						
Crosscutting						
Drifting						
Timbering	304.00	144.00	448.00 LES			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs		190.00	190.00			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1984.00	1216.00	3200.00 LES	1984.00	1,216.00	3,200.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Aug. 1, 1953 *Payee Blue Ridge Mica Co. Inc
Per L. A. Coffey Title Vice-President

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

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

(Instructions on reverse)

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

$ 1,785.60

Signature Cora A. Piper
(Authorized Certifying Officer)
Date AUG 13 1953 Vou. No. 34
(See other side)

198.40

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tdm E534 in accordance with the terms of the contract.

Signature Kepton H. Teague Title Geologist, U.S.G.S. Date 8/5/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date AUG 5 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 3 1953 Docket No. DMEA -2870 Contract No. IDM - E 534

Operator's Name Blue Ridge Mica Co. Inc. Minerals mica

Address 121 Weiver St., Greensboro, N.C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting							116	$35.00
Crosscutting								
Raising								
Shafts	Ft.	1,680.00	40	2,562.00	61	2,562.00	65	$42.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Timber	Ft.	304.00	38 ft.	448.00	56	448.00	65	$ 8.00
Total Distributed Costs		1,680.00	40	2,562.00				Total Costs Authorized by Contract $7,500.00
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		~~1984.00~~		~~3,010.00~~				

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

Date Aug. 1, 1953 Operator Blue Ridge Mica Co. Inc.

Per L. A. Coffey Title Vice-President

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

OPERATORS
MONTHLY REPORT FOR JULY

Narrative of work done from July 1st to July 31st.

Work was started at a depth of 21 ft. and shaft sunk to a depth of 61 ft. Shaft was timbered to a depth of 56 ft.

Solid vein material was encountered at a depth of 42 ft. and tapered toward the center of shaft to a depth of 53 ft.

Water began to seep in at 52 ft. and pump was set up to remove same. Workmen were X-rayed for dust cards on the 23rd of the month. Site was visited by state mine inspector on the 24th. He requested certain safety measures, which have been met.

July 1st	Sunk shaft 4 ft and timbered
July 2nd	" " 4 ft " "
July 3rd	" " 5 ft " "
July 6th	" " 3 ft " "
July 7th	" " $2\frac{1}{2}$ ft " "
July 8th	" " $2\frac{1}{2}$ft " "
July 9th	Hit solid wall and vein material at 42 ft. down.
July 10th	Drilled and blasted.
July 13th	Bucked out 3 ft.
July 14th	Put in water for wet head drill
July 15th	Timbered to 40 ft. and run man-way
July 16th	Sunk Shaft 1 ft. Only worked 3 hours (rained out) Visited by field team
July 17th	Sunk shaft 5 ft.
July 20th	" " 2 ft.
July 21st	" " 2 ft. (Struck water) Vein tapered to center of shaft.
July 22nd	Timbered down to 48 ft.
July 23rd	Workmen X-rayed for dust cards.
July 24th	Purchased pump and set up for removing water from shaft. State mine inspector visited site.
July 27th	Scaled bank - put up guard rails - this work was suggested by State inspector

July 28th Sunk shaft 4 ft.

July 29th Timbered to 56 ft.

July 30th Sunk shaft $2\frac{1}{2}$ ft.

July 31st Sunk shaft $1\frac{1}{2}$ ft. to a depth of 61 ft.

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of June 1953

Set up machinery - tripod erected. Hired 4 workmen. Tool shed erected. Sunk shaft and timbered to depth of 21 ft.

Daily Notes

June 16 th Cleared road to mine. Hired Elmer Thomas at $1.25 and Oscar Fox at 90¢.

June 17th Cut timber. Erected tripod. Hauled in load of timbers for cribbing.

June 18th Laid track and set hoist. Sank shaft 40 inches down to rock. Had field team visited this afternoon and O K operations to date with advise for future operations.

June 19th Bought steel for drilling. Built magazine for dynamite and caps.

June 22nd. Pick up steel and material for tool shed and dynamite. Move compressor on job ready for drilling.

June 23rd. Started drilling and sunk shaft 3 ft. and timbered.

June 24th. Hired Albert Laws at 90¢ per hour.

June 25th. Hauled cribbing timber and started erecting rool shed. Sunk shaft 4 ft. and timbered.

June 26th. Sunk 4 ft. and timbered and worked on tool shed.

June 27th. Sharpened tools (pick etc.)

June 29th. Put in man way and finished tool shed. Sunk shaft 3 ft

June 30th. Sunk shaft 3 ½ ft. and timbered down to 18 ft.

[illegible]

[illegible]-2570 [illegible] (Ala) [illegible]

OPERATOR: Blue Ridge Mica Company, Inc., 121 Carver Street, Greensboro, North Carolina.

LOCATION: 3.0 airline miles and 4.5 miles by road [illegible] 46° W. of Burnsville, Yancey County, N. C. on the southwest slope of Locust Knob Mountain about 100 feet from the summit.

Shaft sinking is nearing completion on this contract and is now at 59.5 feet. The mine began making a little water at 52 feet, but it is an essentially dry mine and is not expected to give trouble. Material in the bottom consisted of massive quartz on the east side of the shaft and quartz and mica schist in the bottom. Only 5.5 feet of shaft remains to be sunk on the contract, at which time crosscutting and drifting will begin. Progress on this contract has been good.

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

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

July 30, 1953

[illegible] of the Mines
[illegible]
[illegible]
[illegible] 1963

[illegible]-1870 [illegible]-1334 (mica) [illegible]

N

[illegible]: [illegible] Ridge Mica Company, Inc., 111 [illegible] Street, [illegible], North Carolina

LOCATION: 0.2 airline miles and 1.5 miles by road N 45° E of [illegible]ville, Yancey County, N. C. on the southwest slope of Locust Hough Mountain about 1000 feet from the summit.

Shaft sinking continues on this contract and is now down to 50 feet, [illegible] drilled [illegible] with 3" x 3" [illegible] timbers. A separated [illegible] ladders staggered at intervals has been installed to 50 feet from the collar. Material encountered consists of mica schist, and pegmatite composed of quartz, feldspar and ruby mica of better grade than last reported. Most of the material is hard, but some timbering has been necessary. The mine is dry. Progress on this contract has been good.

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

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

July 17, 1963

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER AND SCHEDULE OF PAYMENTS NO. 21 K-5

RECEIVED

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1953 Docket No. DMEA 2870 Contract No. IDM-E534
Operator's Name Blue Ridge Mica Co., Inc. Minerals Mica
Address Greensboro, N. C.
Contract Amount, $ 7,500.00 Government Participation: 90% Amount, $ 6,750.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent ~~XXXXXX~~ Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
~~XXXX~~ Shafts	$882.00	none	$882.00			
Timbering	144.00	none	144.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.	190.00	none	190.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1216.00	~~$1216.00~~	$1216.00	1216.00		1,216.00

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

Date 7-3-53 *Payee Blue Ridge Mica Co., Inc.

Per L. A. Coffey Title Vice-president

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

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

(Instructions on reverse)

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

$ 1,094.40

Signature Cora A. Piper
(Authorized Certifying Officer)

Date JUL 23 1953 Vou. No. 21

(See other side)

1st S-6/16/53

121.60

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-534 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date July 20, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE

Signature Robert A. Lemons Title EXECUTIVE OFFICER DMEA REGION VII Date JUL 22 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1 1953

Month of June 1953 Docket No. DMEA 2870 Contract No. IDM-E534
Operator's Name Blue Ridge Mica Co., Inc. Minerals Mica
Address Greensboro, N. C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting } Crosscutting }							116	$4,060.00
Raising								
Shafts	ft.	$382.00	21	$382.00	21	$382.00	65	2,730.00
Winzes								
~~Drilling~~ Timbering	ft.	144.00	18	144.00	18	144.00	65	520.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1026.00		1026.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs		190.00		190.00				190.00
New Buildings, Improvements, etc.								
Total Costs		$1216.00		$1216.00				$7500.00

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

Remarks:

Date 7-3-53 Operator Blue Ridge Mica Co., Inc.

Per L. A. Coffey Title Vice-president

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

NARRATIVE REPORT

Exploration Project Contract Blue Ridge Mica Company, Inc.
Docket No. DMEA - 2870

Work on the Grant Laws mine under the above contract began on June 16. A road to the mine was cleared and equipment was hauled in. Timber was cut for cribbing. Track was laid and hoist set in place. On July 18 a field team of the Defense Minerals Exploration Administration visited the project and inspected the operations and gave advice for future operations. On June 23 actual drilling of the shaft was begun. For the remainder of the month of June the drilling of the shaft and timbering of the shaft was continued. No unusual difficulties were encountered, and the work was carried out in the manner approved by the inspection team.

RECEIVED
JUL 22 1953
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

INTERIM REPORT

DMEA-2870 Idm-1534 (mica) GRANT LAKE MINE

OPERATOR: [illegible] Company, Inc., 121 [illegible] Street, Greensboro, North Carolina.

LOCATION: 3.0 airline miles and 4.5 miles by road N 40° W of Burnsville, Yancey County, N. C. on the southwest slope of Locust Lough Mountain about 1000 feet from the summit.

Shaft sinking on this contract is in progress and is now down to 14 feet. The shaft is collared in pegmatite and material encountered to present depth consists of plagioclase feldspar, graphic granite and several bags of badly bent, cracked and broken ruby mica. All marketable feldspar is being hand cobbed and retained for future sales. The shaft has been cribbed solid to depth with 8" x 8" sawed timbers, and has been extended from the collar upward for about 10 feet, being completely enclosed with shielded runway. A trap door encloses the top of the working compartment, which is lined, and when closed is used as the dump and gravity loader for hoisted muck. A gasoline-powered hoist and a 105 c.f.m. air compressor is on the job and in use. Recently a tool and storage shed, 10' x 15', and powder and detonator magazines have been constructed. Several safety suggestions were made during this visit. Progress on this project is satisfactory.

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

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

June 29, 1953

INTERIM REPORT

[illegible]-2870 [illegible]-[illegible]34 (mica) [illegible]

OPERATOR: Blue Ridge Mica Company, Inc., 121 Weaver Street, Greensboro, North Carolina

LOCATION: 3.0 airline miles and 4.5 miles by road [illegible] of Burnsville, Yancey County, N. C. on the southwest slope of Locust Rough Mountain about 1000 feet from the summit.

This project began work on June 12, 1953. Shaft sinking has just begun, most of the time having been spent in getting equipment and timber on the job. A hoisting frame, consisting of 2 large round poles, has been erected on a tripod. The shaft is 6' x 7' in cross section and has been collared and cribbed to about 4 feet with 3" x 3" sawed oak timbers. A track has been lain for about 50 feet and a mine car installed. Material removed has been mica schist.

A general discussion was held with the operator and foreman concerning safe operations and monthly reports. Progress to date on this contract has been good.

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

K. M. Teague, Geologist
U. S. Geological Survey

June 18, 1953

noted
7/2/53
SF

May 26, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Waiver of MF-203 - Docket No. DMMA-2870 - Mica
Blue Ridge Mica Company, Inc.
Grant Lewis Mine
Yancey County, North Carolina

Recommendation: It is recommended that the Administrator waive the Owner's Consent to Lien in this case.

Data and conclusions:

The applicant, a corporation, is unable to obtain an Owner's Consent to Lien and has requested that it be waived. The officers have submitted financial statements and indicate that they are personally willing to guaranty royalty payments.

Financial statements submitted by the three officers indicate net worths as follows:

12/31/52	Austin F. Hancock, Pres.	$ 82,328.57
5/1/53	Austin F. Hancock, Jr., V.P.	79,866.00
5/2/53	L. A. Coffey, V.P.	20,000.00
	Total	$182,194.57

The estimated cost of the project is $7,500.00 and Government participation, at 90%, is $6,750.00. On the basis of their aggregate net worth, the Nonmetallic Minerals Division recommends waiving of Owner's Consent to Lien, provided the personal guarantee is executed with the contract.

Stanley A. Feitler
Nonmetallic Minerals Division

SAFeitler:fls 5/26/53
Copy to: Admr. R. File
Docket File
Mr. Houk

600

MAY 2 8 1953

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

Subject: Docket No. DMEA-2370 - Mica
Blue Ridge Mica Co., Inc.
Grant Lava Prospect
Yancey County, North Carolina

Dear Mr. Laurence:

Please find herewith the original and five copies of a contract covering the subject exploration project which have been signed by the Government with register number and effective date as shown.

If the contract meets with your approval, insert the time for starting and completing the work in Article 3 of the contract and present it to the Operator for his approval and signature. The "Guaranty" form attached to the contract is to be signed by the three individuals whose names appear at the bottom. Please explain to the Operator that the contract, when executed, is a firm commitment under the terms of which he is obligated to complete the work outlined at the agreed unit cost. If any part of this contract does not have either your approval or that of the Operator and cannot be amended within your delegated authority, then the original and all copies of the contract are to be returned to this office, together with the proposed changes for consideration.

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

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

Enclosures 6

SAFeitler:gad 5/27/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

600

APR 29 1953

Mr. Austin P. Hancock, President
Blue Ridge Mica Company, Inc.
121 McIver Street
Greensboro, North Carolina

Re: Docket No. DMM-2870 - Mica
Grant Laws Prospect
Yancey County, North Carolina

Dear Mr. Hancock:

Mr. Harrell Pope's letter of April 20, 1953, transmitting a copy of the metes and bounds description of the property covered by the Grant Laws Lease, has been received.

No standard form for a statement of financial responsibility has been prepared. The financial information as requested in our letter of April 7, 1953, prepared in any convenient form, should suffice. A copy of the exploration contract form and the personal guaranty of royalty payments are enclosed for your information.

If the other officers demonstrate adequate financial responsibility neither a financial statement or a personal guaranty of royalty payments will be required of Miss Kate Renn.

Sincerely yours,

SIGNED

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Enclosures 2

SAFeitler:gad 4/28/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 3/25

REFERRED TO:

1. ~~Operations~~
2. ~~Engineering~~
3. w/ 600-Ans 4637
4. Mr Feiler

FOR:

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

REMARKS: Field Exam Report
Agenda 3/27
Mr. Hunt Invited Staff

Check (X) before the items needing attention.

George C. Selfridge
Initials of sender.

GPO 16—63815-1

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

COPY

Room 13, Post Office Bldg.
Knoxville 2, Tenn.

March 20, 1953

Memorandum

To: Operating Committee, D M E A - Washington

From: Field Team, DMEA-Region 7

Subject: Field Examination Reports.

Transmitted herewith are four copies each and six extra copies of the maps for the following recommended projects:

DMEA-2873, Short-Mitchell Mine (mica)
DMEA-2872, Harrison W. Hamp Mine (mica)
DMEA-2866, Connolly Mine (mica)
DMEA-2861, White Oak Creek Mine (mica)
DMEA-2875, Cox Mine (mica)
DMEA-2914, Rev. Thaddeus Parsons Mine (mica)
✓DMEA-2870, Grant Lane Mine (mica)

The Field Team is in agreement with the recommendations set forth in the above applications.

/s/ Wm. A. Beck, Acting
Executive Officer, DMEA
Region 7

/s/ Benjamin Gildersleeve
U. S. Geological Survey

Reviewed by
DMEA OPERATING COMMITTEE
3-27-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

(mica)

DMEA-2870, GRANT LAWS MINE
Y ancey County, N. C.

By

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

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

Reviewed by
DMEA OPERATING COMMITTEE
3-27-53
(date)

March 19, 1953

Field Examination Report on

DMEA-2870, Grant Laws Mine, (mica)

Applicant: Blue Ridge Mica Company, Inc. c/o Miss Kate A. Renn
121 McIver Street, Greensboro, N. C.

Past work has been conducted along a zone 250 feet long. Recent work has involved cutting a bench about 275 feet long in the hillside, poorly exposing the pegmatite. Some mica of strategic grade was recovered from the trench. The field examiners are of the opinion that the deposit has possibilities for producing strategic mica; therefore, we recommend that exploration assistance be granted.

The mine was examined on March 11, 1953. The following individuals accompanied the field examiners on the examination: Austin F. Handcock, Jr., Lynn A. Coffey, Messrs. Angel (brothers) and Mr. Thomas. The examination required three hours.

The Grant Laws mica mine is located 3.0 airline miles and 4.5 miles by road N. 45° E. of Burnsville, Yancey County, N. C. The mine is on the southwest slope of Locust Rough Mountain, about 1,000 feet from the summit. Access to the mine is possible at all seasons of the year via 4-wheel drive jeep and during dry weather by a regular pick-up truck.

The Blue Ridge Mica Company, Inc., has no mining experience; however, their foreman, Mr. Thomas, has mined mica or feldspar most of his life. It would appear that the Applicant is financially competent and that the foreman is capable of conducting the proposed exploration.

Ownership and property rights are covered by the application. Sufficient area is covered by the lease to provide adequate working space for the proposed project.

There are no surface facilities on the property. The old pits have been removed by the recent trenching. At present the workings consist of a bulldozer cut about 40 feet wide and 275 feet long. The up-hill side of the cut is 30 feet deep. About 20 feet south of the south end of the trench, two 10-foot pits on the pegmatite occur. No openings deeper than the trench are present.

The pegmatite, enclosed conformably by semi-weathered hornblende gneiss, trends N-S and dips from near vertical to steeply eastward. It appears to range in thickness from 4 to 8 feet, being somewhat lenticular in shape. The pegmatite is composed of coarse plagioclase, lenticular

quartz pods, and mica. Exposures are too poor to permit determination of relationship of the various minerals.

Mica scattered around the mine is hard, generally flat, ruby colored, and splits well. The main defect is ruling and "A" structure. It appeabs to be of strategic grade.

History of past activity, except for the recent work by the applicant iis not known. There has never been an extensive operation on this mine and there appears to be no records of any past production.

The applicants proposed program of exploration is not clear, except that additional trenching is planned. Further bulldozer work at this place is unnecessary. The field examiners are of the opinion that the best method to explore the deposit is to sink a 65-foot vertical shaft, collered on the pegmatite, and from about the 60-foot level drive approximately 115 feet of crosscut and drifts to explore the mica content on that level (position of the recommended work is shown on the attached sketch).

Estimated Cost:

65-foot 5' x 7', 2-compartment shaft @ $40/ft.	$2,600.00
Mine timber, 65 ft. @ $10/ft.	650.00
10' x 15' tool house	200.00
115 ft. 6' x 7' drifts or crosscut @ $35/ft.	4,025.00
Estimated Total Cost.....	$7,475.00

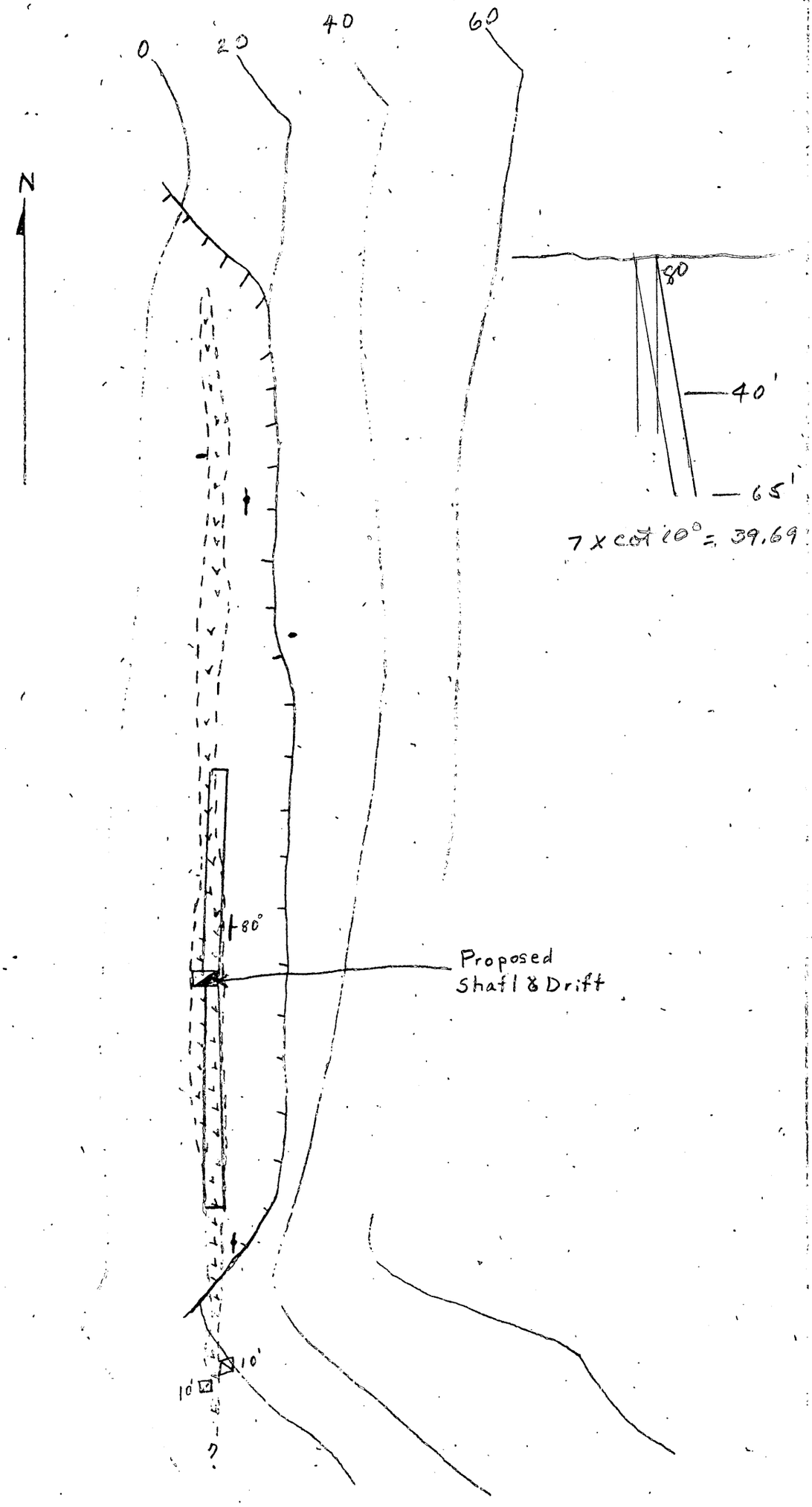
Estimated time required- 5 months

March 19, 1953

K. H. Teague, USGS

L. E. Shirley, USBM

xm



Sketch of
Grant Laws Mine
Yancey Co., N.C.

0 40' 80'

DMEA-2870 (mica)

APR 7 1953

Mr. Austin F. Hancock, President
Blue Ridge Mica Company, Inc.
121 McIver Street
Greensboro, North Carolina

Re: Docket No. DMEA-2570 - Mica
Grant Laws Prospect
Yancey County, North Carolina

Dear Mr. Hancock:

Reference is made to the subject application for exploration assistance.

Please submit the metes and bounds description of the property under lease and the book and page of recording for the deed from which the description is copied.

When an Owner's Consent to Lien cannot be obtained, before entering into an exploration project contract, the Government requires the corporation, and each of its officers, to furnish financial statements reflecting their respective assets and liabilities. It is suggested that the financial statements include a reference to stocks and bonds held, average bank balances, average annual incomes over the preceding two years, and the value of any other personal or real property owned, together with their liabilities.

If the statement of financial responsibility is found adequate, each officer of the corporation will be required to sign a personal guarantee for royalties due the Government in the event a certification of discovery is made. The individual responsibility persists even though the signor may not be associated with the corporation nor have any interest in the land or part in the mining operation when the ore is mined.

Sincerely yours,

SIGNED

Lawrence G. Hank, Chief
Nonmetallic Minerals Division

SAFeitler:gad 4/6/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

600 MAR 1 8 1953

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

Subject: Docket No. DMEA-2870 - Mica
Blue Ridge Mica Co., Inc.
Grant Lewis Prospect
Yancey County, North Carolina

Dear Mr. Laurence:

Please arrange for a field examination of the subject mine and submit a report and your recommendation for the disposition of this application.

Two copies each of memoranda from the Geological Survey and the Bureau of Mines are enclosed.

Credit information on the corporation and its officers should be obtained to serve as a basis for accepting guarantees in lieu of Owner's Consent to Lien.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hodges

Member, Bureau of Mines

D. M. Lemmon

Member, Geological Survey

Enclosures 4

SAFeitler:gad 3/17/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

MAR 18 1953

Miss Kate A. Senn, Secretary-Treasurer
Blue Ridge Mica Company, Inc.
121 McIver Street
Greensboro, North Carolina

Re: Docket No. DMA-2[illegible] - Mica
Great Laws Prospect
Yancey County, North Carolina

Dear Miss Senn:

Your application for assistance in exploring your property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region VII, Room 15, Post Office Building, Knoxville 2, Tennessee, for a field examination.

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

Please submit the metes and bounds description of the property together with the book and page of recording and the date of the lease assignment from C. E. Cooley to the Blue Ridge Mica Company.

Sincerely yours,

C. O. Mittendorf

Administrator

JaFeitler:gad 3/17/53
Copy to: Admr. Rec. File
Docket File
Operating Committee
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Horton G-232 GSA Bldg.
Mr. Houk

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Room 13, Post Office Building
Knoxville 2, Tennessee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 1953

March 5, 1953

Mr. Austin F. Hancock
O. Henry Hotel
Greensboro, North Carolina

Subject: Docket No. DMEA-2870
Grant Laws Mine (mica)
Blue Ridge Mica Co.

Dear Mr. Hancock:

Your letter of March 3 has been received. You may not have received my letter of the same date, informing you that Mr. Teague and Mr. Shirley will be in Burnsville on March 11.

We will not be able to make an examination of your mines near Franklin, as we have never received an application covering any of them.

Very truly yours,

Robert A. Laurence
Executive Officer, DMEA
Region VII

RAL/mg

cc - Mr. Austin F. Hancock
Nu-Wray Hotel
Burnsville, N. C.

Operating Committee, DMEA, Washington
Beck
Lynch

RECEIVED
MAR 9 9 27 AM '53
DEFENSE MATERIALS
PROCUREMENT AGENCY

IN REPLY REFER TO:
G-MD-CNM

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

February 13, 1953

Memorandum

REVIEW OF APPLICATION DMEA-2870 (Mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: R. E. Van Alstine, U. S. Geological Survey
Applicant: A. F. Hancock, Jr., Blue Ridge Mica Co., Inc., 121 McIver St., Greensboro, North Carolina.
Name of property: Grant Laws mine.
Location of property: 4½ miles northeast of Burnsville, Yancey County, North Carolina.
Estimated cost of project: $22,700.56.
Summary of applicant's proposal: Bulldozing and hand trenching of pegmatites already partly explored by bulldozing.
Sources of information on applicant's property: None; however, we do have information on a Laws mine on the Walt Laws property, which joins the Grant Laws property on the south. Applicant evidently was assigned lease to Grant Laws property and not the Walt Laws property.
RECOMMENDATION: Field examination.

R. E. Van Alstine

Van Alstine:jeh
G-2/13/53
cc: Director's reading 4212
Branch reading 4212
DMEA
Norton G-230
Van Alstine G-230

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 1953

February 27, 1953

Memorandum

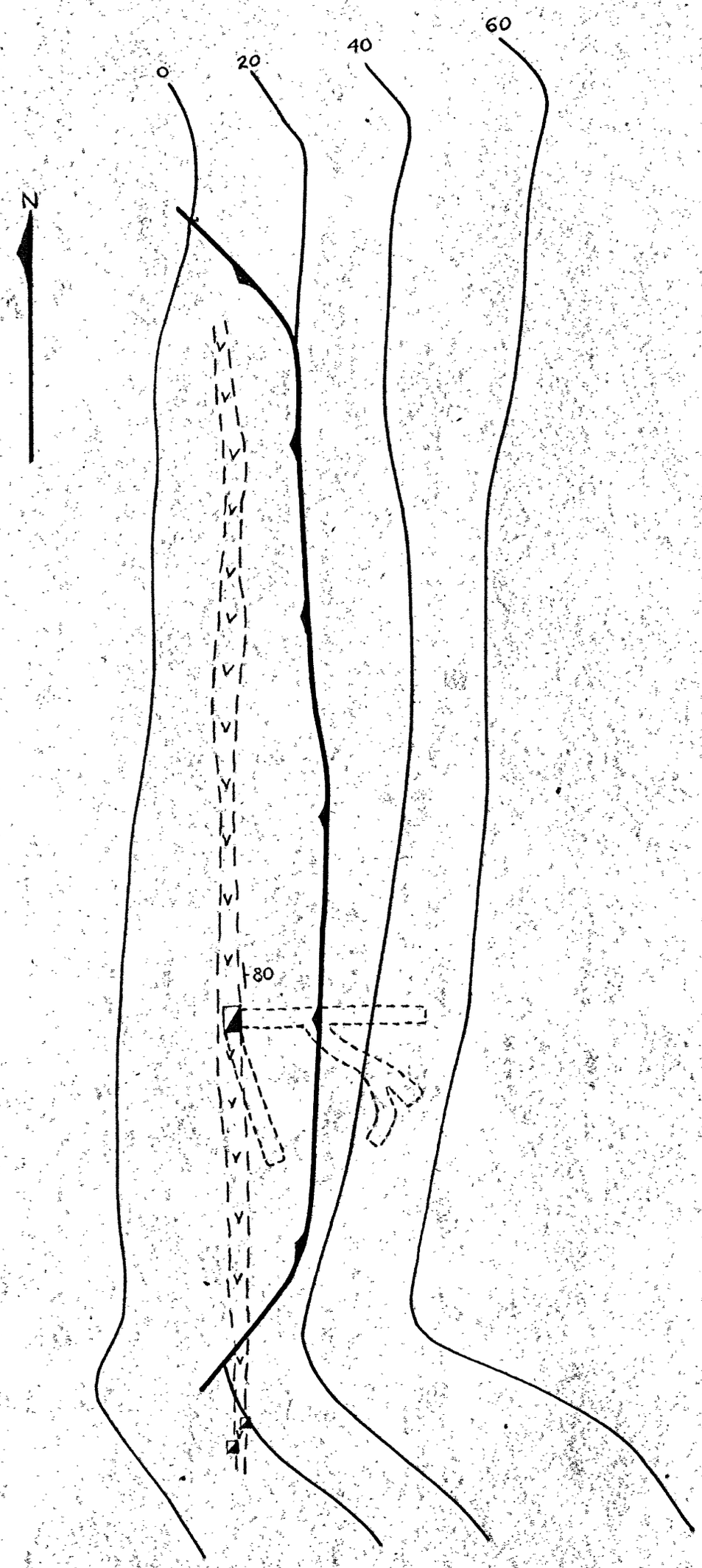
To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

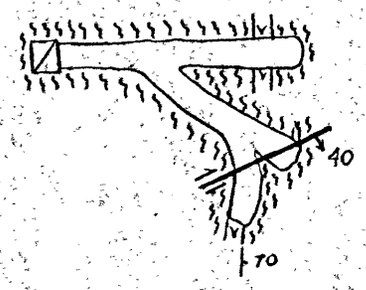
From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2870, Mica, Grant Laws Mine,
Yancey County, North Carolina

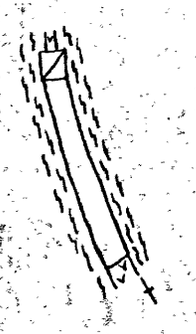
The applicant's proposal to explore the mineral property appears worthy of consideration. Samples have been classed at the Spruce Pine Depot as ruby mica acceptable under the present Government mica purchasing program. A field team investigation is recommended.

W. F. Dietrich

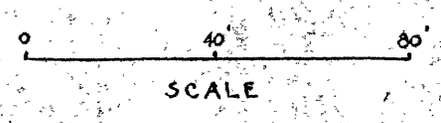




PLAN 60'-LEVEL



PLAN 40'-LEVEL



SKETCH OF
GRANT LAWS MINE
YANCEY CO., N.C.

DMEA-2870 (mica)