☑ Audited 9/2/54 WORK ANALYSIS SHEET - DMEA PROJECT ☐ Actual Cost

☐ Certified Analysis as of Dec. 8, 1954 ☑ Agreed Unit Costs

Incl. Voucher for Aug. 1954

Name Everet L. Poston Docket No. 3131

State North Carolina Commodity Mica. Idm-E No. 608

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	60 Ft.	$2,100.00	54 Ft.	$1,890.00	$1,890.00
Raising					
Shafts	40 Ft.	$1,800.00	40 Ft	$1,800.00	$1,800.00
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.		$270.00		270.00	270.00
Other (Specify)					
Totals		$4,170.00		$3,960.00	$3,960.00

Prepared by Walter C. Patterson

71626

DMEA-3131
Mica
Region VII

EVERETT L. POSTON, CANTON, NORTH CAROLINA. Old Shining Rock Mine, Haywood County, North Carolina. 271 9/23/53

Letter to the Field forwarding a contract, signed by the Acting Administrator, for execution. Also forwarded to the Field were copies of memoranda from the Bureau of Mines and the Geological Survey regarding the project. Approved for referral.

DMEA-3131
Mica
Region VII

EVERETT L. POSTON, CANTON, NORTH CAROLINA. Old Shining Rock Mine, Haywood County, North Carolina. 9/14/53 #267

Field Examination Report recommending approval. The report was referred to the Commodity Group.

DMEA-3131
Mica
Region VII

EVERETT L. POSTON, CANTON, NORTH CAROLINA. Old Shining Rock Mine, Haywood County, North Carolina. 8-10-53

Letter to the Field requesting a review of the application, and field examination, if advisable, and report, and enclosing copies of memoranda from the Bureau of Mines and the Geological Survey. Letter to the Applicant.

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Everett L. Poston
Route 2
Canton, North Carolina

pertaining to Exploration Project Contract No. Idm-E608, Docket No. DMEA-3131, including Amendment No. 1, for the months of October 1953 to August 1954, inclusive, covering a project for the exploration of mica on property, known as the Old Shining Rock Mine, located in Haywood 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 cost as billed by Contractor		$3,960.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$3,960.00

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 Three thousand five hundred sixty-four and no/100 Dollars,

$3,564.00

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.

E. D. Talbert

E. D. Talbert, Auditor

September 2, 1954

EXPLORATION PROJECT CONTRACT

EVERETT L. POSTON

DMEA-3131, Idm-E 608 (mica)

Contract Idm-E 608, DMEA-3131, dated 24th day of September 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Everett L. Poston of Spruce Pine, North Carolina, hereinafter called the "Operator," is amended as follows:

Article 3 is amended to provide that the Operator is to complete the project within a period of thirteen (13) months from the date of this contract, instead of nine (9) months as originally written.

"This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to pay, nor the amount of any item designated as 'allowable maximum'."

June 24, 1954.

EVERETT L. POSTON

Everett L. Poston
Operator

THE UNITED STATES OF AMERICA

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

2

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 431

COMMODITY Mica

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

IDM-E 608

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 24th day of September, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Lyman B. Foston
Route 2
Canton North Carolina

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

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 Haywood, described as ~~follows:~~ set forth in Annex I

the Operator represents and undertakes:[4]

(*a*) ~~That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following mortgages, encumbrances, taxes and other liens or claims of record:~~

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

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 Nine (9) 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 $3,733.00, which is 90 percent of $4,170.00, 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 II substituted for that part of 6(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* That part of the second sentence in Article 7 which follows the semicolon is deleted.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

XXXXXX

By Everett L. Poston
EVERETT L. POSTON

ACTING By Frank E. Johnson
Administrator, Defense Minerals Exploration Administration

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

[CORPORATE SEAL]

EXPLORATION PROJECT CONTRACT
EVERETT L. POSTON
DOCKET NO. DMEA-3131

ANNEX I

The land referred to in Article 2, is known as the Old Shining Rock Mine and consists of 20.68 acres more or less, lying within the Sherwood Forest area of the Pisgah-Croatan National Forest. The Operator, as lessee, holds mineral rights under a standard form mineral lease (Form 4-1100) Serial No. BLM-A-024489(N.C.), Bureau of Land Management, Department of the Interior, Washington, D. C.

The land is described by metes and bounds as follows:

BEGINNING at a 2 inch pipe on the West side of Shining Rock Road 7.6 miles from the inner section of Shining Rock and Beech Gap Roads on the divide between Cherry Cove and Shining Rock Creeks; thence traversing the road North 87 deg. 45' East 273 feet, South 46 deg. 30' East, 224 feet, South 71 deg. 00' East 252 feet South 66 deg. 15' East 232 feet to a double birch on the South side of road, the BEGINNING of the area applied for thence North 31 deg. 30' East 1815 feet to center of North fork of Forest Service Road, said point being 30 feet West of a 10 inch spruce, thence with Forest Service Road 9 calls as follows to the BEGINNING; thence South 2 deg. East 454 feet, South 3 deg. 30' West 200 feet, South 2 deg. East 272 feet, South 32 deg. 15' East 380 feet South 9 deg. 15' West 200 feet, South 49 deg. West 185 feet (center of junction of North and South fork of Forest Service Road), South 81 deg. West 450 feet with center of road; thence South 85 deg. West 187 feet with center of road; thence North 77 deg. 30' West 351 feet to a double birch, the BEGINNING corner containing 20.68 acres more or less

ANNEX ____

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

If 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 a sufficient, complete, final report and final account referred to in the contract has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development. The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2, 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 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 (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

EXPLORATION PROJECT CONTRACT
EVERETT L. POSTON
DOCKET NO. DMEA-3131

EXHIBIT "A"

Description of the Work

Approximately as indicated on the attached map entitled "Sketch of Old Shining Rock Mine, Haywood Co., N.C., DMEA-3131 (mica)", a timbered two-compartment shaft, shall be sunk 40 feet. An aggregate of not to exceed 60 feet of drifts and/or crosscuts shall be driven from the shaft to explore the mica-pegmatite approximately at the 40-foot level.

The shaft and the drifts or crosscuts, shall be not less than 5 feet by 7 feet in cross section

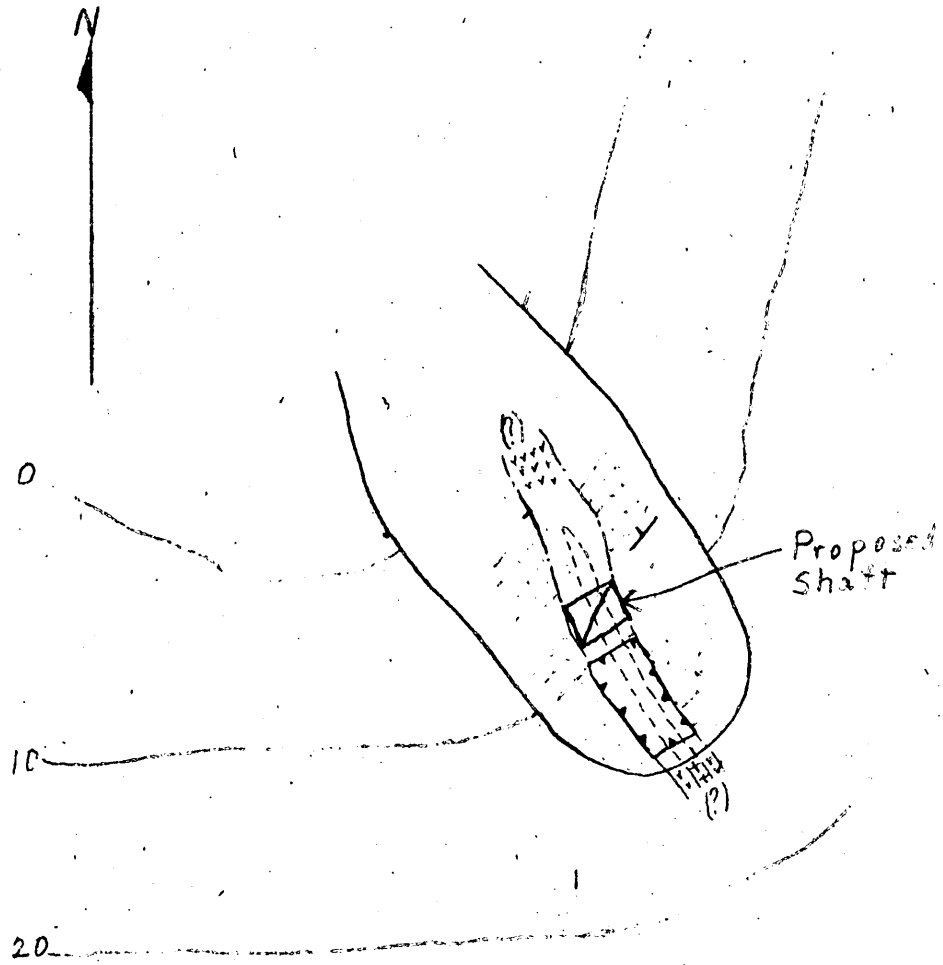
To facilitate the work, there shall be erected at the mine a tool house, 10 feet by 12 feet; a powder magazine and an exploder magazine.

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

Agreed Unit Costs

40 feet of shaft @ $45.00/ft.	$1,800.00	
60 feet of drifts and/or crosscuts @ $35.00/ft.	2,100.00	
1 - tool house 1/	200.00	
1 - powder magazine 1/	50.00	
1 - exploder magazine 1/	20.00	
Total Agreed Unit Costs		$4,170.00
Government Participation @ 90%		$3,753.00

1/ The completed structure constitutes the unit.



Sketch of
Old Shining Rock Mine
Haywood Co., N.C.

0 20' 40'
Scale

DMEA-3131 (mica)

600

OCT 1 1954

Mr. Everett L. Poston
Route 2
Canton, North Carolina

Re: Docket No. DMEA-3131- Mica
Old Shining Rock Mine
Haywood County, North Carolina
Contract No. Idm-2608

Dear Mr. Poston:

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	$3,960.00
Total Government contribution at 90 percent	$3,564.00

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 or 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,

Frank E. Johnson

ACTING Administrator

Hopkins:gad 9/27/54
cy to: Admr. R. File
Docket
Mr. Chambers
Mr. Neuk

Field Team, Region VII
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5227

Project Summary Report

By: James Hopkins September 27, 1954

1. Docket No. DMEA-3131 - Mica
Contract No. Idm-E608
Old Shining Rock Mine
Haywood County, North Carolina

Operator: Everett L. Poston
Route 2
Canton, North Carolina

Operator's property rights: Lessee.
Mineral lease (Form 4-1100), Serial No. BLM-A-024489 (N.C.)
Bureau of Land Management, Department of the Interior,
Washington, D. C. Ten year lease dated August 1, 1952.
Owner's Consent to Lien waived.

2. Contract - dated September 24, 1953.

Work authorized: (To be completed within nine months.)

40 feet of shaft @ $45.00/ft.	$1,800.00
60 feet of drifts and/or crosscuts @ $35.00/ft.	2,100.00
1 tool house	200.00
1 powder magazine	50.00
1 exploder magazine	20.00
Total agreed unit costs	$4,170.00
Government participation @ 90%	$3,753.00

Amendments:

No. 1, dated June 24, 1954, extends the completion period from 9 months to 13 months at no additional cost.

Work completed:

40 feet of shaft @ $45.00/ft.	$1,800.00
54 feet of drifts @ $35.00/ft.	1,890.00
1 tool house	200.00
1 powder house	50.00
1 exploder house	20.00
Total cost of project	$3,960.00
Government participation @ 90%	$3,564.00

Work began October 6, 1953, and completed August 10, 1954.

Field Team final report dated August 18, 1954
Operator's final report received August 31, 1954.

3. Audit certificate: Report of Review dated September 2, 1954

Total cost as billed by Contractor	$3,960.00
Total accepted cost	$3,960.00
Government participation @ 90%	$3,564.00

4. Certification of discovery: None issued.

300 lbs. of "mine run" mica of poor quality was recovered from the lateral work. No value. Reserves of strategic mica are negligible.

5. Comments:

How conducted: The project was conducted in a satisfactory and efficient manner.

Engineering: Reports of Operator contained only meager information on daily activities.

Geological premise: The premise that the pegmatite would continue in depth and yield strategic mica similar to the production near the surface was not substantiated by the exploration work.

Criteria on which work was based:

1. Prospecting at surface exposed a considerable amount of mica bearing pegmatite.
2. The exposed pegmatite was zoned and 6 feet thick for a strike length of 30 feet.
3. It is emplaced in a weathered biotite gneiss.
4. The mica is hard, clear, ruby colored and splits well. Books up to 12 inches in diameter and weighing up to 100 pounds were recovered by the recent work.
5. Mica is abundant in the exposures but there is a high percentage of scrap material.

Geological criteria developed by the work:

1. A pegmatite with a highly irregular shape and with numerous branches and "arms" was exposed in the laterals.
2. Borders were not well defined.
3. No zoning is apparent but the mica shows a slight tendency to be concentrated along the contacts of the body.
4. The thicker portions of the body are disconformable to the wall rock.

Future possibilities: No additional work is warranted.

Recommendations:

The Nonmetallic Minerals Division agrees with the field team that a certification of discovery should not be issued. The Geological Survey and the Bureau of Mines concur.

JHopkins:gad 9/27/54

Copy to: Admr. R. File
Mr. Houk

IN REPLY REFER TO:

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

September 8, 1954

Re: DMEA-3131
Old Shining Rock Mine
Haywood Co., N. C.
$3,900 - Mica

Memorandum

To: L. G. Houk
Defense Minerals Exploration Administration

From: E. L. Newcomb
U. S. Geological Survey

Subject: Review of Final Field Report

The Field Team does not recommend a certification of discovery.

Only a very small amount of strategic mica was revealed by DMEA exploration.

No further exploration assistance is warranted.

I concur with the Field Team and recommend no certification of discovery be made.

E. L. Newcomb

ELNewcomb:hlm
G-9/8/54

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

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

September 7, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-3131 (mica)

Applicant: E. L. Poston

Name and Location of Property: Old Shining Rock Mine
Haywood County, North Carolina

Contract Number: Idm-E608

Date of Field Team Final Report: August 19, 1954

Date Rec'd. by Ceramic and Fertilizer Mtls. Br.: August 30, 1954

Field Team Recommendation:

1. No certification of discovery or development.

Comments:

1. Work which began on October 6, 1953 and ended August 10, 1954 consisted of sinking a 40-foot shaft and drifting 54 feet.
2. No strategic mica was encountered.
3. Expenditures -

Total approved	$4,170
Total cost	3,960
Gov't. share	3,564
Value	None

Recommendation

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

Signed

Donald R. Irving

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

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

43

Final

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR Defense Minerals Administration RECEIVED AUG 31 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August 1954 Docket No. DMEA 3131 Contract No. DMEA 608

Operator's Name Emmette L. Poston Minerals Mica

Address Rt. 2 Canton, N.C.

Contract Amount, $ 4,170.00 Government Participation: 90 % Amount, $ 3,753.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting 24' @ 35.00	$840.00	1,050.00	1,890.00			
		1,800.00	1,800.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
1 Tool house	1	200.00	200.00			
1 Cap Magazine	1	20.00	20.00			
(8) Contingencies (specify):						
1 powder Mag.	1	50.00	50.00			
TOTALS	$840.00	$3,120.00	$3,960.00	840.00	3,120.00	3,960.00

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.

Date Aug. 16 *Payee Emmette L. Poston

Per Emmette L. Poston Title Operator

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

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

(Instructions on reverse)

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

$ 756.00

Signature Carr A. Fiser (Authorized Certifying Officer)

Date AUG 24 1954 Vou. No. 43

(See other side)

5th yr

c. sho

84.00

(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. Idm-E608 in accordance with the terms of the contract.

Signature Henry H. Amos Title Geologist-USGS Date Aug. 19, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title DMEA REGION VII EXECUTIVE OFFICER Date AUG 20 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).

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

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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
RECEIVED
AUG 31 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Aug. 195 4 Docket No. DMEA 3131 Contract No. DME-668
Operator's Name Everette L. Paston Minerals Mica
Address Rt. 2 Caston, 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.	$840.00	24	$1,890.00	54	35.00	60	35.00
Crosscutting								
Raising								
Shafts	ft.			1,800.00	40	45.00	40	45.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping: Cap Mag.	1			20.00	1	20.00	1	20.00
Trenching Powder Mag.	1			50.00	1	50.00	1	50.00
Test Pits Prod. Level	1			200.00	1	200.00	1	200.00
Roads and Trails								
Total Distributed Costs		$840.00		$3,960.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$840.00		$3,960.00				

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. 16 Operator Everette L. Paston

Per Everette L. Paston Title operator

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

Operations - Monthly Progress Report
for month
August 1, 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 31 1954

work accomplished:

Drove 24 ft of drift making a total of 54 ft of drift and 46 ft of raise

working 3 men day shift, 3 swing shift and 1 pumper on graveyard shift.

Daily notes:

Aug. 1. pumped all day.
" 2. drilled, blasted and mucked.
" 3. finished mucking, drilled and blasted.
" 4 mucked out. worked on hoist and cleaned pump. pumped rest of day.
" 5. drilled and blasted. began mucking.
" 6. finished mucking. drilled and blasted.
" 7. mucked out drilled and blasted.
" 8. pumped all day.
" 9. mucked. drilled and blasted and mucked.
" 10. drilled and blasted. Engineers Jorgen and Comas visited mine and decided to close contract.

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

August 19, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: Final Report, DMEA-3131, Idm-E 608 (mica) Everett L. Poston, Canton, N. C. Old Shining Rock Mine, Haywood County, N. C.

Enclosed are 4 copies of the Field Team final report on the subject exploration contract. We recommend that certification of discovery should not be made.

We have not yet received the Operator's final report and final voucher. The totals listed on page 2 include amounts due for August which will be approved on the Operator's final voucher.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

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

RAL/zm
cc:

Beck
Lynch
Files

DMEA OPERATING COMMITTEE
8-27-54
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT

By

FIELD TEAM, REGION VII

DMEA-3131, OLD SHINING ROCK MINE
Haywood 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 18, 1954

Reviewed by
DMEA OPERATING COMMITTEE
8-27-54
(date)

FINAL REPORT
On
DMEA-3131, OLD SHINING ROCK MINE
Idm-E 608 (mica)

Operator: Everett L. Poston, Route 2, Canton, North Carolina

The Old Shining Rock Mine is in Shining Rock Gap at an elevation of about 5700 feet and is approximately 25 miles southeast of Waynesville, Haywood County, North Carolina.

Work completed under the contract consisted of constructing a toolhouse and two magazines, sinking a 40-foot 5' x 7' vertical shaft and driving 54 feet of laterals from the 37-foot level of this shaft. As no significant quality of strategic mica was discovered, a certification of discovery should not be issued. No additional exploratory work is warranted.

Work began October 6, 1953 and was completed August 10, 1954. A 10' x 12' frame toolhouse, powder magazine and exploder magazine were constructed. A 5' x 7' vertical shaft with a partitioned manway was sunk to a depth of 40 feet and was timbered to 37 feet. From the 37-foot level of the shaft a total of 54 feet of laterals were driven as follows: (1) a 28-foot lateral in a S. 55° E. direction from the shaft, (2) a 16-foot lateral in a S. 50° W. direction from a point in the 28-foot lateral 15 feet from the shaft, and (3) a 10-foot lateral in a S. 35° E. direction from the head of the 16-foot lateral.

A pegmatite with a highly irregular shape and with numerous branches and "arms" was exposed in the laterals. Its borders are in part not well defined, being gradational and interlayered with the country rock, weathered hornblende gneiss and mica schist. The thicker portions of the body tend to strike northwest and to dip steeply southwest and are disconformable to the wall rock. Foliation of the latter strikes N. 45°- 60° E. and dips steeply to the northwest. The pegmatite, which is semi-weathered, consists of plagioclase, quartz, perthite and muscovite, in order of abundance. No zoning is apparent but the mica shows a slight tendency to be concentrated along ~~all~~ the contacts of the body.

About 300 pounds of "mine-run" mica of poor quality was recovered from the lateral work. Most came from along the northwest wall of the southwest drift. It is small in size, ruled and somewhat curved. Little is of strategic value.

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

Expenditures:

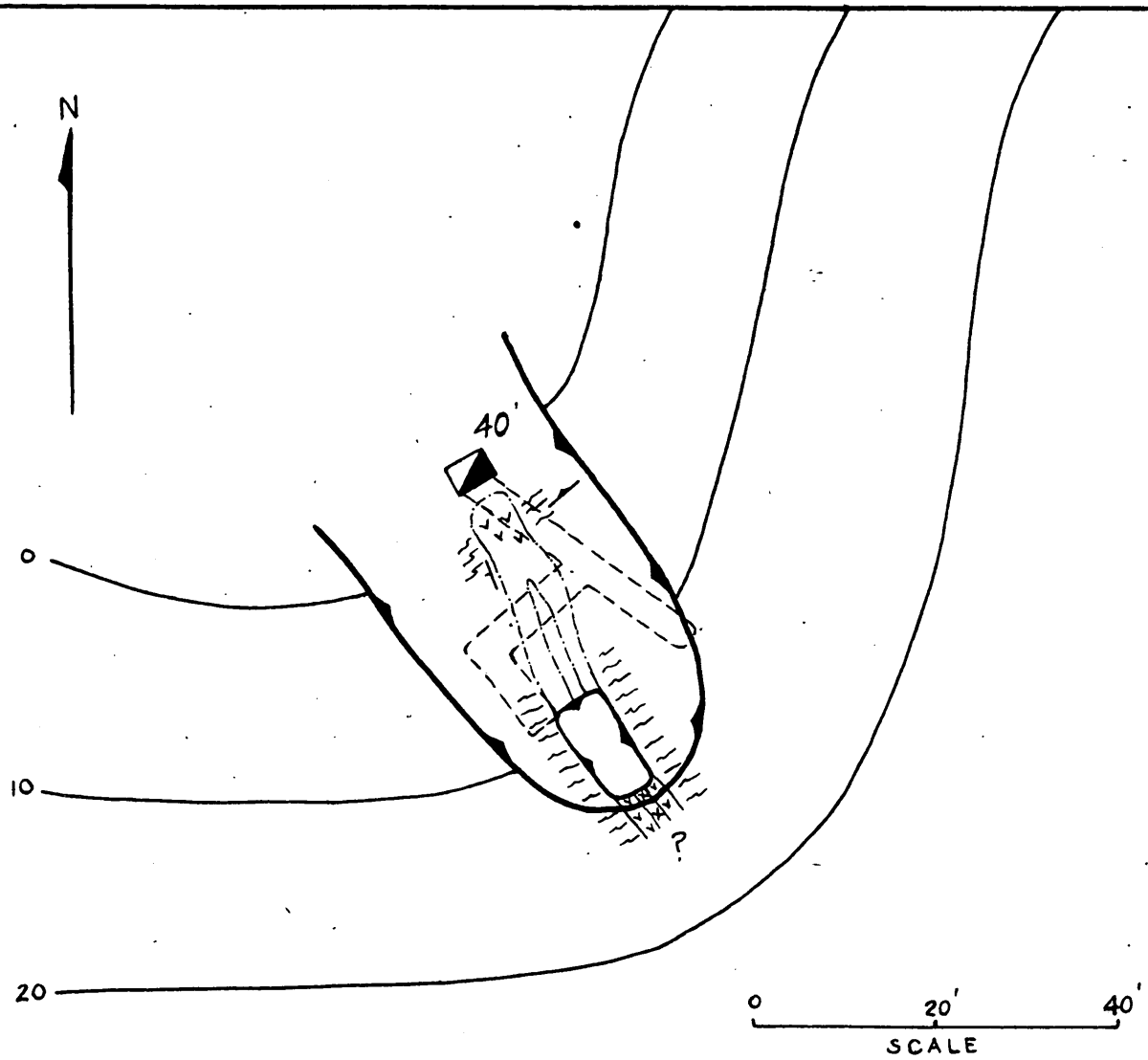
(a)	Total approved	$4,170.00
(b)	Total cost of project	3,960.00
(c)	Government's share of cost	3,564.00
(d)	" " unexpended	189.00
(e)	Value of production during operation	None

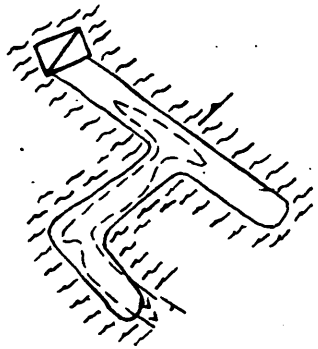
The work was conducted in an efficient and satisfactory manner. No equipment was purchased under the contract.

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

Aug. 18, 1954

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





PLAN 37'-LEVEL

SKETCH OF
OLD SHINING ROCK MINE
HAYWOOD CO., N.C.

DMEA-3131 (mica)

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

Subject: Docket No. DMEA-3131-Mica
Everett L. Poston
Old Shining Rock Mine
Haywood County, North Carolina
Contract No. Idm-8608

Dear Mr. Laurence:

Reference is made to the Operator's Final Report, dated August 16, 1954, and Field Team Interim Report of August 10, 1954, recommending that no further work be done under subject contract because of the poor quality of the mica and the irregular and limited nature of the pegmatite.

We note that only six feet of drifting remain to be done under the contract. Please be advised that the contract may be considered completed because substantially all the work has been finished.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

s/ Thor H. Kilsgaard
Member, Geological Survey

WCAnderson:gad 8/25/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kilsgaard, 5227
Mr. Houk

Final Report

Everette L. Paston — Shining Rock mine — DMEA-3131 IDME-608

August 16, 1954

I began work Oct. 6. 1953. I constructed a tool house and powder magazines. I sunk a shaft 23' ft. by Nov. 15. I then stopped work until this spring, because of fire hazard and bad weather.

I went back to work May 7, 1954. After pumping water 15 to 20 hrs. per day I finally finished job Aug. 10.

I sunk shaft to depth of 40 ft. and drifted 54 ft. At this point the Engineers didn't think the vein looked good enough to follow any more.

Everette L. Paston

INTERIM REPORT
On
DMEA-3131, Idm-E 608, OLD SHINING ROCK MINE
(mica)

Operator: Everett L. Poston, R#2, Canton, North Carolina

Location: In Shining Rock Gap, about 25 miles southeast of Waynesville, Haywood County, N. C.

A total of 54 feet of laterals have been completed on this contract. They are (1). A 28-foot lateral driven in a S. 55° E. direction from the 37-foot level of the shaft, (2) a 16-foot lateral driven in a S.50° W. direction from a point in the 28-foot lateral which is 15 feet from the shaft and (3) a 10-foot lateral driven in a S. 35° E. direction from the head of the 16-foot lateral. The 10-foot and the 16-foot laterals are in pegmatite and about 10 feet of the 28-foot lateral.

The level work revealed a pegmatite body that is highly irregular in attitude and shape and which has numerous branches and arms. About 200 pounds of "mine-run" mica were recovered from the level work; largely along the northwest wall of the 16-foot lateral. The mica is in general of poor quality, being considerably cracked and small in size.

It is recommended by the field examiners no further work be done under this contract because of the poor quality of the mica and the irregular and probably limited nature of the pegmatite. The operator is in agreement.

Date of exam: Aug. 10, 1954

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

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

August 16, 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-608 — E. L. Poston
DMEA Docket No. 3131
4th payment - month of July
Amount $1188.00

Idm-E-613 — Lat Young
DMEA Docket No. 2875
9th payment - month of July
Amount $315.00

Idm-E-676 — American Zinc Company of Tennessee
DMEA Docket No. 2546
1st payment - month of July
Starting Date: July 5, 1954
Amount $1580.87

Helen R. Miller

Enclosures 6

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

36

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

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

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

Month of July 1954 Docket No. DMEA 3131 Contract No. IDM-E608
Operator's Name ~~Eta~~ E. L. Paston Minerals Mica
Address Rt 2 Canton, N.C.
Contract Amount, $ 4,170.00 Government Participation: 90 % Amount, $ 3,753.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting 30' @ $35.00	1,050.00		1,050.00	1,050.00		1,050.00
Shaft 6' @ $45.00	270.00	1,800.00	2,070.00	270.00	1,530.00	1,800.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
1 Tool house		200.00	200.00		200.00	200.00
1 Cap magazine		20.00	20.00		20.00	20.00
(8) Contingencies (specify):						
1 powder Magazine		50.00	50.00		50.00	50.00
TOTALS	$1,320.00	$2,070.00	$3,390.00	1,320.00	1,800.00	3,120.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 8

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Aug. 3, 1954 *Payee E. L. Paston
Per E. L. Paston Title Operator

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

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

(Instructions on reverse)

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

$ 1,188.00

Signature Cora A. Pian
(Authorized Certifying Officer)
Date AUG 16 1954 Vou. No. 36
(See other side)

4

132.00

(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. IdmE 608 in accordance with the terms of the contract.

Signature [illegible] Supervising Title Mining Engr. USBM Date AUG 1 3 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE

Signature [illegible] Title ACTING EXECUTIVE OFFICER DMEA REGION VII Date AUG 1 3 1954

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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.

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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

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1954 Docket No. DMEA 3131 Contract No. DDM-E668
Operator's Name E. L. Paston Minerals Mica
Address Rt. 2 Canton, 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.	1,050.00	30	1,050.00	30	35.00	60	35.00
Crosscutting								
Raising								
Shafts	ft.	270.00	6	1,800.00	40	45.00	40	45.00
Winzes								
Drilling: Core								
Churn								
~~Auger~~ 1 Cap								
~~Stripping~~ Magazine	1			20.00	1	20.00	1	20.00
~~Trenching~~ 1 Powder								
~~Test Pits~~ Magazine	1			50.00	1	50.00	1	50.00
Roads and Trails								
Tool house	1			200.00	1	200.00	1	200.00
Total Distributed Costs		1,320.00		3,390.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1,320.00		3,390.00				

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. 3, 1954 Operator E. L. Paston
Per E. L. Paston Title Operator

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)

"Total Distributed Costs" and "Total Costs" in "Costs to Date" column should be $3,120.00 instead of $3,390.00.

W. A. Beck

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 Progress Report
for the
Month of July, 1954

DMEA No. 3131
IDM-E 608

Work accomplished:
Sunk shaft 6 ft. to total depth of 40'. Drove 30' of drift. Approx. S.E. 60°.
Working 3 men days, 3 swing shift, and 1 pumper on graveyard shift.

Daily notes:
Began work July 6. Shaft full of water.
July 6-7 - pumped
8-9-10 - Drilled, blasted + mucked
July - 12-17 - Off to serve term on grand Jury.
July - 21-22 - Pumped out shaft.
" 23 - Began drift.
" 24 - Drilled, blasted and mucked round.
" 25 - Drilled, blasted + mucked round. Encountered pegmatite in bottom of vein.
" 26 - Drilled, blasted + mucked. Still in pegmatite
" 27 - Drilled, blasted + mucked. Engineer Amas visited mine.
" 28 - Drilled, blasted + mucked. went through vein.
" 29 - Drilled, blasted + mucked round.
" 30 - Drilled, blasted + mucked round making a total of 30 ft. drove.

August 12, 1954

Mr. E. L. Peeton
Route # 2
Canton, North Carolina

Re: DMEA-3131, Idm-E 608 (mine)
Old Shining Rock Mine, N. C.

Dear Mr. Peeton:

Your July monthly report and voucher on the subject contract has been received in this office and is being sent to the Finance Office today for processing.

Your report was made out incorrectly and the following changes should be made on your copies of form MF-104 and MF-104A. The $1800 and the $2,070 in the column "Totals previously reported on form MF-104 should have been $1,530 and $1,800 respectively and the figures $2,070 and $3,390 in the "Totals to Date" column should have been $1,800 and $3,120 respectively. On form MF-104A, please change the figures $3,390 for "Total Distributed Costs" and "Total Costs" in "Costs to Date" column to $3,120.00.

Very truly yours,

Wm. A. Beck, Acting
EXECUTIVE OFFICER
DMEA REGION VII

WAB/mm
cc
Beck
Lynch
Finance Office-3
Mr. Peeton.1

INTERIM REPORT
On
DMRA-3131, Idm-E 608-OLD SHINING ROCK MINE

Operator: Everett L. Poston, Route #2, Canton, N. C.

Location: In Shining Rock Gap, about 25 miles southeast of Waynesville, Haywood County, N. C.

The 40-foot vertical shaft on this contract has been completed and turn-off made from the 37-foot level, leaving a 3-foot sump. The shaft is timbered to the 37-foot level and a separate manway with ladders has been constructed.

A drift has been driven a total of 17 feet in a S. 60° E. direction from the shaft. The northeast end of a pegmatite was encountered 9 feet from the shaft. From this point it thickens southeastward to 3 feet at the present heading. The pegmatite is vertical and consists of semi-weathered plagioclase, quartz and muscovite. It is disconformable and shows no apparent zoning. Mica which is small, curved and badly ruled tends to be concentrated along the southwest wall of the body. No appreciable salable strategic mica has been recovered to date. The northeast wall consists of unweathered mica gneiss and the southwest wall, weathered hornblende gneiss. The latter will require some timbering.

The Operator was advised to continue to drive along the pegmatite and to install some spot timbering in the drift. Some suggestions were made concerning the improvement of the shaft timbering.

Date of exam: July 27, 1954

D. H. Amos, Geologist
U. S. Geological Survey

July 26, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 1 - Docket No. DMEA-3131 - Mica
Everett L. Poston
Old Shining Rock Mine
Haywood County, North Carolina
Contract No. Idm-E608

The Nonmetallic Minerals Division concurs in Amendment No. 1 to Contract No. Idm-E608 as written and executed in the field. It extends the completion date from June 24, 1954, to October 24, 1954. This was necessary because of delays due to breakdown of machinery and two periods of jury duty by the Operator during which time the project was shut down.

/S/
W. C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 7/26/54
Copy to: Admr. R. File
Mr. Houk

[redacted]

Room 1, Post OfficeBuilding
Knoxville, Tennessee

July 19, 1954

Memorandum

To: Operating Committee, DMEA-- Washington

From: Executive Officer, DMEA - Region VII

Subject: DMEA-3131, Idm-E 608 (mica) Amendment No. 1. Poston & Poston

Transmitted are three signed copies of the subject amendment.

Delays were largely due to (1) breakdown of equipment and (2) two periods of jury and grand jury duty by the Operator, during which the project had to be shut down. Progress on this project has been otherwise satisfactory and it is in the Government's interest to provide additional time for completion.

Robert A. Laurence

RAL?zm
cc:
Beck
Finance Office
Lynch
Files
Opr. Com.

C
O
P
Y

June 23, 1954

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Amendments extending completion dates.

Amendments providing additional time for completion have been prepared and sent to the Operators for signature on the following contracts:

DMEA-2914, Idm-E 515
DMEA-3085, Idm-E 635
DMEA-3131, Idm-E 608

The following have been completed:

DMEA-3132, Idm-E 618
DMEA-3154, Idm-E 636

Permission to terminate the following has been requested, but not received. If not terminated, time amendments will be needed:

DMEA-2778, Idm-E 497
DMEA-3177, Idm-E 656

All contracts above are for strategic mica.

Robert A. Laurence
Executive Officer
DMEA Region VII

Form MR-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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1954 Docket No. DMEA 3151 Contract No. IDM P. 608
Operator's Name Everette L. Poston Minerals Mica
Address RRoute, 2 Canton, North Carolina
Contract Amount, $4,170.00 Government Participation: 90 % Amount, $3,753.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Shaft 11ft.@45.00	495.00	1,035.00	1,530.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
1 tool house		200.00	200.00			
1 cap magazine		20.00	20.00			
(8) Contingencies (specify):						
1 powder magazine		50.00	50.00			
TOTALS	495.00	1,305.00	1,800.00	495.00	1,305.00	1,800.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 70

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

Date May, 1954 *Payee E. L. Poston

Per Everette L. Poston Title Operator

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

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

(Instructions on reverse)

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

$ 445.50

Signature Cora A. Piper
(Authorized Certifying Officer)

Date JUN 7 1954 Vou. No. 300

(See other side)

49.50

(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-E608 in accordance with the terms of the contract.

Signature Lawrence E. Sherley Title Mining Engr. U.S.B.M. Date June 1, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title DMEA REGION VII EXECUTIVE OFFICER Date JUN 3 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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 10 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1954 Docket No. DMEA 3131 Contract No. IDM-E-608
Operator's Name Everette L. Poston Minerals Mica
Address Route 2 Canton, North Carolina

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								
Crosscutting								
Raising								
Shafts	ft.	495.00	11	1,530.00	34	45.00	40	45.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping 1 cap magazine	1			20.00	1	20.00	1	20.00
Trenching								
Test Pits 1 powder magazine	1			50.00	1	50.00	1	50.00
Roads and Trails								
1 tool house	1			200.00	1 200	200.00	1	200.00
TOTAL DISTRIBUTED COSTS		495.00		1,800.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		495.00		1,800.00				

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 May 28, 1954 Operator E. L. Poston

Per Everette L. Poston Title Operator

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 Progress Report
For the
Month of May, 1954

DMEA no. 3131
IDM_E 608

Daily notes:

Work Accomplished:

Set up machinery after being down all winter for fire season and bad weather. Sunk shaft 11ft. making a total of 34 ft.

May 7. Moved machinery to mine.

May 8. Set up machinery.

May 10. Pumped 6 hrs. Shaft makkng 2 ft. of water per 5 minutes.

11, 12, 13, Water head decreased about 50%. Pumping 20 hrs. per day. Mucked when possible.

17, 18, 19, Pumped and mucked, rock getting too hard to dig, but too soft and wet to drill with any success. Engineers visited mine.

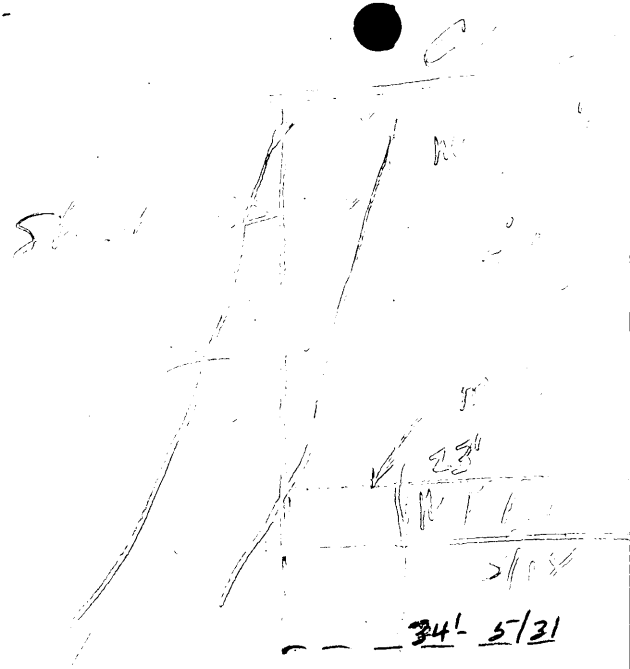
May 20. Worked 3 hrs. Snowed out. Snowed 6 ins. deep.

May 24. Pumped 5hrs. to find bottom. Blasted and mucked rest of day.

May 25. Blasted and mucked. Pump on at 4 a.m. off at 9 p.m.

May. 26. Pump on at 1:30 a.m. Began mucking at 6:00 a.m. Compressor broke down at 2p.m. Out for overhaul.

Shaft below vein. No Mica produced.


34'- 5/31

[illegible] Report

[illegible]-3131 [illegible]-3800 ([illegible]) [illegible]

[illegible]: Everett L. Poston, Route 2, Canton, North Carolina.

[illegible]: In Shinbone Cove, approximately 25 miles southeast of Waynesville, Haywood County, N. C.

Work has resumed on this contract after a delay because of extreme winter weather at this high altitude. Vertical shaft sinking is again in progress and is now at 26 feet. All necessary equipment has been moved to the mine and several shifts were expended in unwatering and removing loose material to regain the former depth. Material encountered is a weathered mica schist that requires cribbing. No pegmatite has been encountered in the last 4 feet of sinking. It is estimated that the mine is making water at the rate of 15 g.p.m. and this is slowing progress on sinking. A No. 25 sump pump is being used for removing water.

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

D. M. Amos, Geologist
U. S. Geological Survey

May 18, 1954

Mr. Robertson

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

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

157

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 34

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of [illegible], 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $[illegible] Government Participation: [illegible] % Amount, $[illegible]

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						
Crosscutting						
Drifting						
[illegible]	[illegible]	[illegible]	[illegible]			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
[illegible]		[illegible]	[illegible]			
[illegible]		[illegible]	[illegible]			
(8) Contingencies (specify):						
[illegible]		[illegible]	[illegible]			
TOTALS	[illegible]	[illegible]	[illegible]	225.00	1,080.00	1,305.00

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

Date [illegible] *Payee [illegible]

Per Everett L. Foster Title [illegible]

*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:

$202-50

Signature [illegible]
(Authorized Certifying Officer)

Date DEC 9 1953 Vou. No. 157
(See other side)

2

22.50

(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-E608 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Dec. 5, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. A. Beck ACTING Title EXECUTIVE OFFICER DMEA REGION VII Date DEC 7 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-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of _____ 195____ Docket No. DMEA _____ Contract No. _____
Operator's Name _____ Minerals _____
Address _____

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								
Raising								
Shafts	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Trenching								
Test Pits	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Roads and Trails								
[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	
Total Distributed Costs		[illegible]		[illegible]				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		[illegible]		[illegible]				[illegible]

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 [illegible] Operator _____

Per [illegible] Title [illegible]

Remarks: [illegible]

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

Monthly Progress Report
for the
Month of November

DMEA No. 3131
Idm-E 608

Nov.3 Drilled and blasted round.

Nov.4. Trouble starting hoist motor. Mucked 2 ft.

Nov. 5. Finished mucking. Picked up vein material in north and East sides of shaft.

Nov.6. Out to fix hoist.

Nov. 9. Mucked 2 ft.

Nov. 10. Installed timbers.

Nov. 11. Finished timber to depth of 23 ft.

Nov. 12. Built railing around shaft and left same in safe conditi on.

Nov. 17. Field team engineers visited mine.

Everett L. Rosston

Mr. Robertson

INTERIM REPORT

IMEA-3131 Idm-E608 (mica) OLD SHINING ROCK MINE

OPERATOR: Everett L. Poston, Route #2, Canton, North Carolina.

LOCATION: In Shining Rock Gap, approximately 25 miles southeast of Waynesville, Haywood County, North Carolina.

Shaft sinking has been halted temporarily on this contract due to fire restrictions in the National Forests of the state. In view of extreme weather conditions which are prevalent during the winter months at this mines location, the operator has moved all equipment from the site and does not anticipate resuming work until early spring. The shaft has been sunk to a depth of 23 feet and is bottomed in weathered mica schist. Some pegmatite can be observed in the north corner of the shaft, which contains small mica. The shaft has been lagged with upright timbers to 22 feet and it appears to be a satisfactory job. Progress on this contract to date has been satisfactory.

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

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

November 17, 1953

MBL

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCher

PAID ON VOUCHER & SCHEDULE
DEPARTMENT OF THE INTERIOR
NOV 19 1953
Disbursing Officer

132

Month of October 1953 Docket No. DMEA 3131 Contract No. 14-R 608
Operator's Name Everett L. Poston Minerals Mica
Address Route 2, Canton, N. C.
Contract Amount, $4,170.00 Government Participation: 90 % Amount, $3,753.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Chart 18' @ 245 ft.	810.00		810.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
1 tool house	20.00		20.00			
1 cap magazine	20.00		20.00			
(8) Contingencies (specify):						
1 powder magazine	50.00		50.00			
TOTALS	1,080.00		1,080.00	1,080.00		1,080.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Nov. 1, 1953 *Payee
Payee Per Everett L. Poston Title Operator

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

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

(Instructions on reverse)

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

$ 972.00

Signature Cora A. Piper
(Authorized Certifying Officer)
Date NOV 16 1953 Vou. No. 132
(See other side)

1 of 10/6/53

108.00

(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. Tdm-E608 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Nov. 10, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date NOV 12 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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 18 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 195 Docket No. DMEA 3131 Contract No. IW-E 608
Operator's Name Everett L. Foster Minerals Mica
Address Route 2, Canton, 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								
Crosscutting								
Raising								
Shafts	feet	$810.00	18'	$810.00	18'	$45.00	40'	$45.00 pr ft
Winzes								
Drilling: Core								
Churn								
Auger								
1 Cap ~~xxxx~~ Magazine	1	20.00	1	20.00	1	20.00	1	20.00
1 Powder ~~x~~ Magazine	1	50.00	1	50.00	1	50.00	1	50.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
1 tool house	1	200.00	1	200.00	1	200.00	1	200.00
TOTAL DISTRIBUTED COSTS		$1080.00		$1080.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS		$1080.00		$1080.00				

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. 1, 1953 Operator

Per Everett L. Foster Title Operator

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 18 1953

OPERATOR'S
MONTHLY PROGRESS REPORT
for the
Month of OCTOBER, 1953.

Date Work Began: Oct. 4th, 1953.

DMEA NO. 3131

IDMAE 608

WORK ACCOMPLISHED:

Set up machinery, hired three men, ordered explosives, started shaft sinking, drilled, blasted and mucked four rounds for a total of 18 feet advanced for the month. Worked daylight shift only.

DAILY NOTES:

Oct. 6, 7th, 8th: Cleared roadway 300 ft to mine. Cleared place for tool shed.
Oct. 12th: Hired one man at $1.00 per hr.. Bought 900 feet rough lumber.
October 13th: Moved air compressor to mine; drilled and blasted first round. Worked on tool house.
Oct. 14th: Mucked first round; worked on tool house.
Oct. 15th: Drilled and blasted second round; worked on hoist boom.
Oct. 16th: Mucked 2 feet by hand, -6 x 8 vertical shaft (Untimbered).
Oct. 19th: Bought hoist.
Oct. 20th: Moved hoist to mine; hired two men at $1.00 per hour. Finished tool house.
Oct. 21st: Rigged hoist for use; two field team engineers visited mine.
Oct. 22nd: Had trouble with hoist motor; mucked 2 feet.
Oct. 23rd: Trouble with hoist motor; worked on explosive magazine.
Oct. 26th: Repaired hoist motor; worked on magazine.
Oct. 27th: Finished mucking; installed shaft collar and timbers.
Oct. 28th: Installed timber to depth of 12 ft. Drilled and blasted one round.
Oct. 29th: Mucked round; drilled and blasted; worked on explosive magazine.
Oct. 30th: Mucked and timbered shaft to depth of 18 feet.
Oct. 31st: Finished explosive magazine.

Everett L. Foston, Operator.

Mr. Fulton

MDV

INTERIM REPORT

IMEA-3131 Idm-E608 (mica) OLD SHINING ROCK MINE

OPERATOR: Everett L. Poston, Route #2, Canton, North Carolina.

LOCATION: In Shining Rock Gap, approximately 25 miles southeast of Waynesville, Haywood County, North Carolina.

Starting date on this project is October 15, 1953. Shaft sinking is underway and is now at 12 feet. Material encountered consists of mica schist and granitic stringers, badly weathered. Equipment on the job consists of hoist, a straight leg and boom pole as hoisting frame, an air compressor and hand tools. A tool and storage house has been completed and some work accomplished on a short access road. Timbering requirements and safety factors concerned with shaft sinking were brought to the attention of the operator. Progress on this contract has been good and it is hoped that most of the work can be accomplished before the severe winter weather begins.

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

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

October 21, 1953

SEP 24 1953 600

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

Subject: Docket No. DMEA-3131 - Mica
Everett L. Poston
Old Shining Rock Mine
Haywood 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 present it to the Operator for his approval and signature. Please explain to the Operator that the contract, when executed, is a firm commitment under the terms of which he is obligated to complete the work outlined at the agreed unit cost. If any part of this contract does not have either your approval or that of the Operator and cannot be amended within your delegated authority, then the original and all copies of the contract are to be returned to this office, together with the proposed changes for consideration.

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

Copies of memoranda from the Geological Survey and the Bureau of Mines are enclosed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

Enclosures 10

JTRobertson:gad 9/22/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

IN REPLY REFER TO:

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

September 16, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3131 (Mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. A. Brobst, U. S. Geological Survey
Applicant: E. L. Poston, Rt. #2, Canton, N. C.
Name of property: Old Shining Rock Mine
Location of property: In Shining Rock Gap 25 mi. SE of Waynesville, Haywood Co., N. C.
Date of field team report: 9/3/53
Authorship of field team report: K. H. Teague and L. E. Shirley
Field team's recommendation:

10' x 12' tool house	$ 200.00
Powder magazine	50.00
Exploder magazine	25.00
40 ft, 5' x 7', 2 compartment shaft at 45/ft.	1800.00
60 ft. of drift at $35.00/ft.	2100.00
Estimated total cost	$4175.00
" time required	4 mos.

Comments: The field team considers this a likely prospect for good strategic mica.

ACTION SUGGESTED:

Follow field team's recommendation.

D. A. Brobst

Copies to: DMEA (3)

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

September 16, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3131, Mica, Old Shining Rock Mine, E. L. Poston
Haywood County, North Carolina

I concur in the field team's recommendation for an exploration program in the amount of $4,175.

Signed

W. F. Dietrich

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
~~XXXXXXXXXXXXXXXX~~
Room 13, Post Office Bldg.
Knoxville 2, Tenn.

September 4, 1953

Memorandum

To: Chairman, Operating Committee, D M E A - Washington

From: Acting Executive Officer, DMEA - Region 7

Subject: Field Examination Reports.

Transmitted herewith are four copies each of the reports listed below. The Field team concurs in the recommendations set forth in the reports.

DMEA-3087, Old Sharp Mine (mica)

DMEA-3125, Banks Mine (mica)

DMEA-3130, Wellmon Mine (mica)

DMEA-3131, Old Shining Rock Mine (mica)

DMEA-3132, Hurst Mine (mica-beryl)

Six extra copies of the map are attached to each report.

/s/ Benjamin Gildersleeve

Benjamin Gildersleeve
U. S. Geological Survey
Member Field Team

/s/ Wm. A. Beck

Wm. A. Beck
Acting Executive Officer
DMEA-Region 7

C O P Y

Reviewed by
DMEA OPERATING COMMITTEE
9-14-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

ON

DMEA-3131, OLD SHINING ROCK MINE
(mica)
Haywood County, North Carolina

By

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

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

September 3, 1953

Reviewed by
DMEA OPERATING COMMITTEE
9-14-53
(date)

Field Examination Report
on
DMEA Docket-3131, OLD SHINING ROCK MINE (mica)
Applicant: Everett L. Poston, Route #2, Canton, North Carolina

Several hundred pounds of book mica have been obtained by recent work at this place. Value of the recent production is $500.00. The mica is ruby colored and of strategic grade. The limited amount of prospecting has exposed a considerable amount of mica bearing pegmatite. Exploration assistance appears to be warranted.

The deposit was examined on August 25, 1953. Mr. Everett L. Poston accompanied the examiners on the inspection which required three hours.

The Old Shining Rock mine is in Shining Rock Gap, approximately 25 miles southeast of Waynesville, Haywood County, N. C., During the dry months the deposit is readily accessible by car, but during the winter months and periods of rain it is accessible by jeep only. The deposit is at an elevation of about 5700 feet, thus work during winter months will be considerably hindered by the weather.

The applicant is competent to conduct the proposed exploration. This deposit is on Forest Service land, and the area covered by the applicant's lease from the Bureau of Land Management is adequate for the proposed project.

The only surface facility on the lease is a combination cookhouse-bunkhouse. Workings consist of a stripped area 50' x 20' to a depth of 3 feet, and one pit on the pegmatite 12' x 6' to a depth of 12 feet.

The stripped area and pit exposes a zoned pegmatite 6 feet thick for a strike length of 30 feet. The pegmatite strikes N. 30° W, dipping steeply southwest. It is emplaced in weathered biotite gneiss whose foliation trends N. 45° E. and dips steeply NW.

Thickness of the pegmatite is from 6 to 8 feet. It is composed of a 1-3 foot core of massive white quartz, bounded on both sides by kaolinized feldspathic pegmatite. The feldspar appears to be weathered perthite. Mica occurs adjacent to the quartz core and on both sides of it, although appears to be more abundant on the hanging wall side.

The mica is hard, clear, ruby colored and splits well. All of it exhibits "A" structure and a small amount is wedge -"A". Some of the books are ruled and cracked. Books of mica 12inches in diameter and weighing up to 100 pounds were recovered by the recent work. The mica recovered recently and processed, produced about two percent pattern.

Certain operational difficulties will be encountered in working this deposit. Weather conditions during the winter will be severe. Also it will be necessary for the workers to live at the mine.

The examiners believe that the deposit has possibilities for the discovery of a worthwhile deposit of strategic mica. Mica is abundant in the exposures, although a high percentage is of scrap quality.

It is recommended that a tool house, magazines, 40 feet of shaft, and 60 feet of drift be provided.

Estimated Cost:

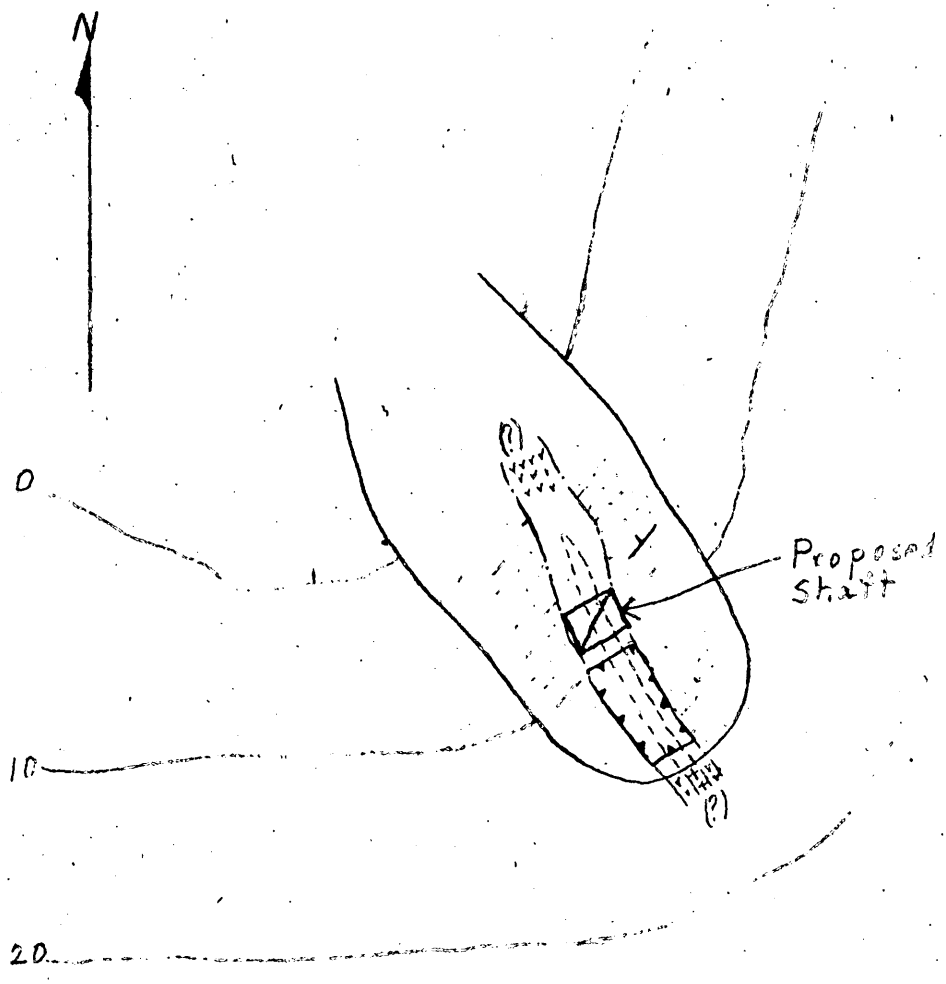
10' x 12' tool house	$ 200.00
Powder Magazine.....	50.00
Exploder Magazine.....	25.00
40 ft., 5' x 7', 2-compartment shaft @ $45/ft.....	1800.00
60 feet drift @ $35.00/ft.	2100.00
Estimated Total Cost	$4,175.00

Estimated time required - 4 months

September 3, 1953

K. M. Teague, Geologist
USGS

L. E. Shirley, Mining Engineer
USBM



Sketch of
Old Shining Rock Mine
Haywood Co., N.C.

0 20' 40'
Scale

DMEA-3131 (mica)

AUG 1953

600

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

Subject: Docket No. MMA-3131 - Vice
Old Shining Rock Mine
Haywood County, North Carolina

Dear Mr. Laurence:

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

Copies of memoranda from the Geological Survey and the Bureau of Mines are enclosed for your information.

Sincerely yours,

ACTING

W. S. Martin
Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

A. B. Mikel, Jr.

Member, Geological Survey

Enclosures 4

JTRobertsontdec 8/7/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3525
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

AUG 11 1953

Everett I. Poston
Route 2
Canton, North Carolina

Re: Docket No. DMA-3131 - Kiem
Old Shining Rock Mine
Haywood County, North Carolina

Dear Mr. Poston:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Lawrence, Executive Officer, DMA Field Team, Region VII, Room 13, Post Office Building, Knoxville 2, Tennessee, for a field examination, should he deem it necessary.

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

Sincerely yours,

G. C. Mittendorf

Administrator

JTRoberts:nidec 8/7/53

Copy to: Admr. R. File
Docket File
Operating Committee
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 DSA Bldg.
Mr. Houk

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

August 5, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3131, Mica, Old Shining Rock Mine, Haywood County North Carolina

It is suggested that applicant be requested to furnish further information, with reference to a detailed plan of proposed exploration, map indicating geological features, and relevant questions not answered adequately in the application.

W. F. Dietrich

IN REPLY REFER TO:
G-NO-CNM

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

Defense Minerals Administration
RECEIVED
JUL 28 1953

July 28, 1953

Memorandum

REVIEW OF APPLICATION DMEA-3131 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: Everett L. Poston, Route 2, Canton, North Carolina.
Name of property: Old Shining Rock Mine.
Location of property: Haywood County, North Carolina.
Summary of applicant's proposal:

1. Bulldoze 500' road.
2. Bulldoze overburden.
3. 40' shaft
4. 50' drift.
5. New buildings

Total $4,250.

Sources of information on applicant's property:
This may be the prospect referred to on page 197 of Sterritt, "Mica deposits of the United States."

Comments:

1. Claims to have produced strategic mica recently.
2. Claims to have done considerable work at own expense, thus indicating some real interest.
3. If checked by Field Team, they may determine if the large ledge of quartz is a pegmatite core or just another "blowout."

RECOMMENDATION:
Refer to Field Team.

D. M. Larrabee

Larrabee:jeh
7/28/53
cc: Director's reading 4212
Branch reading 4212
DMEA 3
Larrabee G-232 files

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-3131
Metal or Mineral
Date Received 7/27/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Everett L. Foster (Old Shining Rock Mine
Route 2 - Canton, N. C. Haywood County, N. C.)

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract

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

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

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore .....

.....

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

(*c*) The work will start within ..... days and be completed within ..... months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

☐ Money ☒ Use of equipment owned by you ☒ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated July 17, 1953

Everett L. Preston
(Applicant)

By .....

Route 2

Canton, N. C.

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

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

Everett L. Poston
Route 2 - Canton, N. C.

Old Shining Rock Mine
Haywood County, N. C.

1. (a) Everett L. Poston
Route 2, Canton, N. C.
(b) Individual
(c) Not applicable
(d) Not applicable

2. Complied with.

3. (a) Description of property:
lying and being on Shining Rock ledge in East Fork Township, Haywood County, N. C., in the Sherwood Forest area of the Pisgah-Croatan National Forest and more particularly described as follows:
BEGINNING at a 2 inch pipe on the West side of Shining Rock Road 7.6 miles from the inner section of Shining Rock and Beech Gap Roads on the divide between Cherry Cove and Shining Rock Creeks; thence traversing the road North 87 deg. 45' East 273 feet, South 46 deg. 30' East, 224 feet, South 71 deg. 00' East 252 feet, South 66 deg. 15' East 232 feet to a double birch on the South side of road, the BEGINNING of the area applied for; thence North 31 deg. 30' East 1815 feet to center of North fork of Forest Service Road, said point being 30 feet West of a 10 inch spruce; thence with Forest Service Road 9 calls as follows to the BEGINNING; thence South 2 deg. East 454 feet, South 3 deg. 30' West 200 feet, South 2 deg. East 272 feet, South 32 deg. 15' East 380 feet South 9 deg. 15' West 200 feet, South 49 deg. West 185 feet (center of junction of North and South fork of Forest Service Road), South 81 deg. West 450 feet with center of road; thence South 85 deg. West 187 feet with center of road; thence North 77 deg. 30' West 351 feet to a double birch, the BEGINNING corner containing 20.68 acres more or less.
(b) Old Shining Rock Mine
(c) (d) Lessee of the U. S. Government, lease being Bureau of Land Management, Serial No. A-024489 (N. C.), Department of Interior, Washington, D. C.

This lease is a ten year lease dated the first of August, 1952. This lease is the standard form of mineral lease upon acquired lands (Form 4-1100) and because of the reason of its length is not herein set out in full, but reference is made to the same under Serial No. BLM-A-024489. If it be absolutely necessary that you have copies of this lease, please advise and applicant will attempt to obtain sufficient copies from the Bureau of Land Management for your purposes.

(e) Not applicable
(f) Not applicable

4. (a) Physical Description: The information that applicant has regarding past operation of this mine consists simply of the fact that he is informed five tons of mica were "ground hogged" by hand out of this mine some twenty-five years ago. Nothing but hand tools were used and all mica taken out had to be carried out over a trail by horseback or mule, reasons given that cessation of those operations twenty-five years ago

Everett L. Poston
Route 2 - Canton, N. C.

Old Shining Rock Mine
Haywood County, N. C.

were the fact that there was no road and the operator struck water which he could not handle with the equipment of that day.

With regard to present work done at the site of this mine your applicant has had one day's work done with a bulldozer, stripping the over-burden and making a cut 25 feet in length and 10 feet wide, and pushing out and leveling down for a dump and platform. In addition applicant has done six days' work by hand and has uncovered the vein from which 500 pounds of mica books averaging in size 4 inches by 10 inches from the outcrop of the vein. This mica is from close to the surface and is therefore surface stained, but applicant has trimmed out several pounds of good stained and better mica out of the 500 pounds of books removed. The attached sketch illustrates the amount of work done by applicant and also proposed work. The mine site is easily accessible for examination purposes by means of the Sherwood Forest Service road running out of Shining Rock ledge in the Pisgah National Forest, Haywood County, N. C.

(b) Past production - 5 tons of mica - quality and grade unknown.
Current production - 500 pounds of mica books averaging 4 inches by 10 inches in size, of good stained and better mica
Ore reserves - unknown

(c) This mine is located on the West side of Shining Rock gap at approximately 5680 feet contour, approximately 100 feet West of the Forest Service road intersection in Shining Rock gap. Slope right at the mine is approximately a ten per cent slope; below that the slope of the mountain increases sharply. Formation at the mine consists of extensive dirt over-burden, although rock, vein, material and the vein has been uncovered by applicant. Type of deposit, mineralization, rock formation, is that generally found in connection with mica, the vein material consisting of feldspar, quartz, with walls consisting of hard granite type rock and some shale rock. For location and terrain, reference is made to U. S. Department of Interior geographical survey map, edition of 1946, Shining Rock Quadrangle (N. C. - 184-SE) upon which map location of this mine is designated by regular mine symbol above the letter P of the words 'Shining Rock Gap' in the upper left hand corner.

(d) Accessibility: To reach mine the traveler leaving Canton, N. C. would follow N. C. state highway 110 from Canton to Woodrow; thence up the West fork of the Pigeon River to Lake Logan, Sunburst, and thence into and upon the Pisgah National Forest road to within two and a half miles of Beech Gap near Sam's Knob; thence turning off to the right on Forest Service road leading to Shining Rock the traveler would follow the Shining Rock Service road approximately 7 miles to Shining Rock gap at which point you would be within 100 or 150 feet of the mine. The total distance from Canton to mine being between 20 and 21 miles. Canton is the shipping point, supply point, and residence point. Residence of applicant and labor would be in the vicinity of the Woodrow township in the Pisgah valley, much closer to mine than Canton. From the Forest Service road to the mine itself the construction of approximately 500 ft. of road will be necessary to permit accessibility of mining equipment.

(e) Manpower, material, supplies, equipment and water are available in the area. A bulldozer is available to applicant and applicant plans to

Everett L. Poston
Route 2 - Canton, N. C.

Old Shining Rock Mine
Haywood County, N. C.

buy a compressor in the near future. Water is available near by mine. Power will be supplied by gasoline.

5. (a) Applicant wishes to explore for sheet ruby mica of strategic quality.
(b) Proposed work consists of building 500 feet of road, stripping the over-burden from the deposit, facing up and leveling off for dump and the drilling of a shaft approximately 40 feet or less to determine the depth of the vein, followed then by a drift 50 feet in a Southward direction with what seems to be the direction of the vein as best as can be determined at this time. See attached sketch of proposed work.
(c) Work will start within thirty days and be completed within twelve months from the date of an exploration project contract.
(d) Mr. Poston, the applicant, has had two years experience in the mining of mica and has just completed the supervision and work upon DMEA contract No. 2561. Cross reference is made to that project. Applicant will furnish his own personal labor and supervise operation. Applicant also has available the services of several experienced miners.

6. Estimate of costs:
(a) Bulldozer work:
(1) Construction of 500 ft. of road - 10 hrs. @ $10. per hr. - $100.00
(2) Stripping of over-burden - facing up, etc., 30 hrs. @ $10. per hr. - - - - - - - - - - - - - - - - 300.00
(b) (c) (d) (e) (g) (h): All of these items are included in the per unit estimate as follows:
40 ft. of shaft @ $45. per ft. - - - - - - - - - - - - - - - - 1800.00
50 ft. of drift @ $35. per ft. - - - - - - - - - - - - - - - - 1750.00
(f) New building and facilities:
Powder bunker - 50.00
Cap bunker - 50.00
Compressor house and tool shed - - - - - - - - - - - - - - - - 200.00

Total Cost Estimate - - - - - - - - - $ 4250.00

7. (a) Yes
(b) I propose to furnish my share of costs as follows:
(1) Personal service supervision and miner - worth reasonably $300. per month.
(2) Use of personal property, principally a truck - use value of which would on basis of depreciation equal $200. per month. (Also if compressor is purchased as applicant plans by that time of commencement of project, applicant will furnish this item of equipment, the rental value of which will be approximately $200. per month on basis of present rentals in this area for such equipment).
(3) Such money or cash as is necessary to make up any slight differences in cost estimates as given above.

Everett L. Poston
Applicant