MAR 2 6 1956

Messrs. M. D. Bulkley and Moses Bulkley

Pendleton, Virginia

Re: Docket No. [illegible]
M. D. and Moses Bulkley
Bulkley No. 5 Mine
Pendleton County, Virginia
Contract No. [illegible]

Gentlemen:

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

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

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

Sincerely yours,

C. O. [illegible]

Administrator

WCAnderson:mmm 3/23/56
Copy to: Docket
Mr. Chambers
Field Team, Region V
Mr. Hillegeist, [illegible]
Mr. Dietrich, [illegible]
Mr. Rook
Mr. Anderson
Admr. R. File
Mr. William P. Jervey
Mrs. Byrd Spotswood Jervey } TO FIELD FOR FORWARDING

☑ Audited 9/21/55 WORK ANALYSIS SHEET - DMEA PROJECT ☐ Actual Cost

☐ Certified Analysis as of 8/31/55 ☑ Agreed Unit Costs

Incl. Voucher for July. 55

Name W. D. and Mavos Baltzley Docket No. 3257

State Virginia Commodity Mica Idm-E No. 673

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting Amend #4	92 ~~40 Ft.~~	2760.00 ~~$2,000.00~~	79 Ft.	2370.00	2370.00
Raising					
Shafts	65 Ft.	$3,250.00	65 Ft.	$3,250.00	3250.00
Winzes					
Drilling (Specify)					
Surface Excavation	Amend #4	240.00		240.00	240.00
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		$6,250.00		5860.00	5860.00

Prepared by Walter C. Anderson

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

W. D. Baltzley and Mavoe Baltzley
Powhatan, Virginia

pertaining to Exploration Project Contract No. Idm-3673, Docket No. DMEA-3297, including Amendment Nos. 1, 2, 3, and 4, for the months of June 1954 to July 1955, inclusive, covering a project for the exploration of mica on property, known as the Baltzley No. 3 Mine located in Powhatan County, Virginia.

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

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

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

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

Total cost as billed by Contractor		$5,860.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$5,860.00

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Four thousand three hundred ninety-five and no/100 Dollars

"$4,395.00"

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 21, 1955

Division copy

EXPLORATION PROJECT CONTRACT
W. D. BALTZLEY AND MAVOS BALTZLEY
DOCKET NO. DMEA-3257

AMENDMENT NO. 4

It is agreed this 30th day of June, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and W. D. Baltzley and Mavos Baltzley that Contract Idm-8673 (Docket No. DMEA-3257), dated May 24, 1954, as amended, is further amended as of May 24, 1954, as follows:

1. In Exhibit "A", under "Description of the Work":

(a) Under item 2, delete "100 feet of drift," and substitute "92 feet of drift."

(b) Add a new item 3, reading as follows:

3. With a D-6 bulldozer or equivalent, bulldoze 2 trenches as shown on map attached hereto and made a part hereof, entitled "Sketch of Jervey Farm Showing New Discovery and Proposed Exploration," having approximate dimensions as follows:

5 feet deep, 6 feet wide and 100 feet long. (South trench)

5 feet deep, 6 feet wide and 50 feet long. (North trench)

2. In Exhibit "A", under "Agreed Unit Costs":

(a) Under item 2, change "100 feet" to read "92 feet," and change "$3,000.00" to read "$2,760.00."

(b) Add a new item 3, reading as follows:

3. Bulldozing - 20 hours @ $12.00/hr. $240.00

RECEIVED
JUL 1 1 1955

3. In Article 7 of the contract form, that part of the second sentence beginning with the word "Provided," is deleted.

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

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

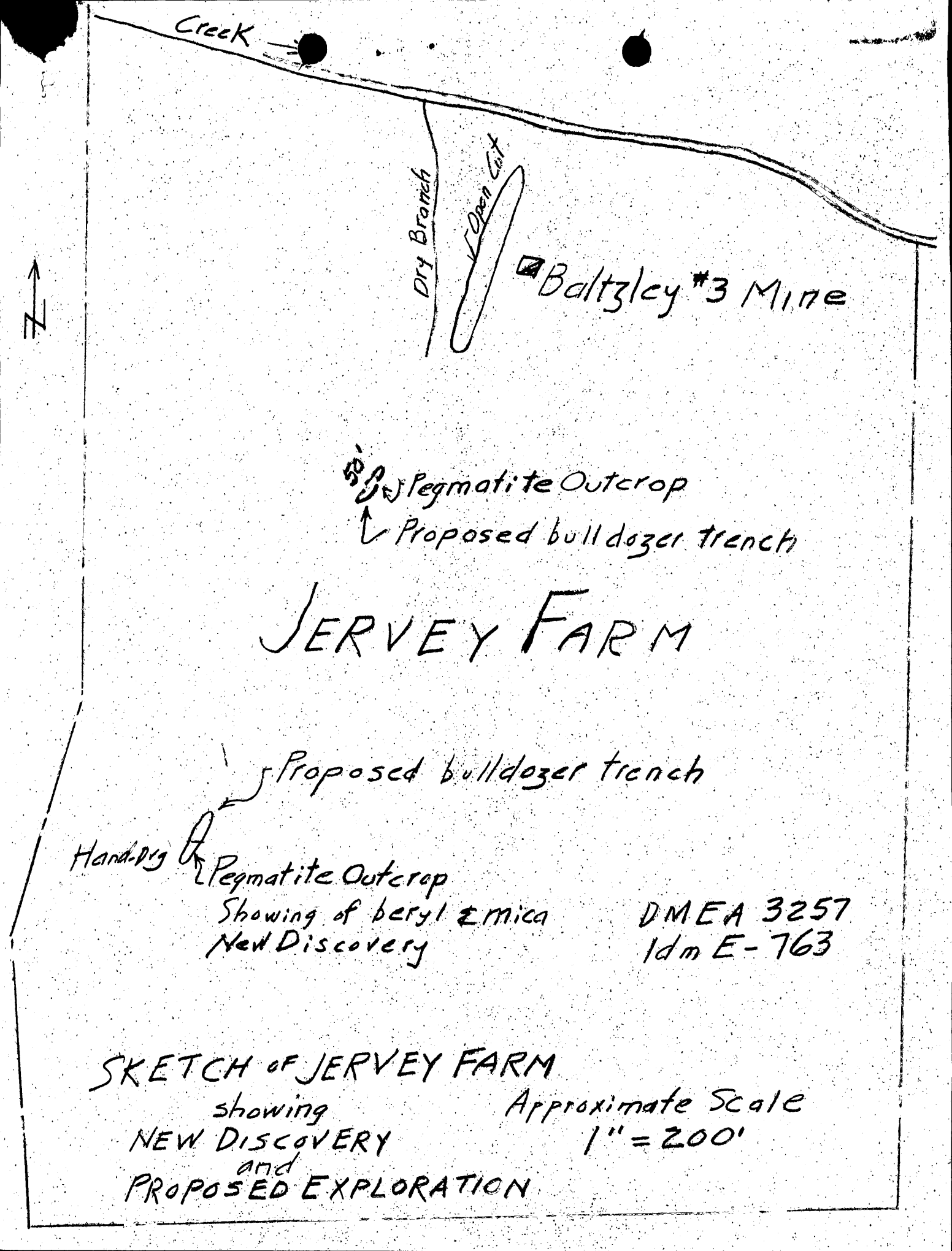
By Robert A. Laurence
Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V

Contin
Appd. Sol. Off.
Anderson
Hout
Talbot
Selfridge

W. D. BALTZLEY and MAVOS BALTZLEY

By W. D. Baltzley
W. D. Baltzley

By Mavos Baltzley
Mavos Baltzley


Creek
Dry Branch
Open Cut
Baltzley #3 Mine
N
50'
Pegmatite Outcrop
Proposed bulldozer trench
JERVEY FARM
Proposed bulldozer trench
Hand-Dug
Pegmatite Outcrop
Showing of beryl & mica
New Discovery
DMEA 3257
Idm E-763
SKETCH OF JERVEY FARM
showing
NEW DISCOVERY
and
PROPOSED EXPLORATION
Approximate Scale
1" = 200'

DIV[illegible]ON COPY

EXPLORATION PROJECT CONTRACT
Docket No. DMEA-3257 (mica)
Contract Idm-E673

RECEIVED
JUN - 2 1955

AMENDMENT No. 3

Due to operating delays caused by circumstances beyond the control of the Operator, Contract No. Idm-E673, dated May 24, 1954 is hereby further amended as follows:

Article 3. Exploration project .- The first sentence to read:

"The Operator, within Fifteen months (15) from the date of this contract, shall bring the project to completion" instead of one (1) year as written in Amendment No. 2, dated January 7, 1955.

This amendment shall not be construed to increase the estimated total cost of the contract or the maximum amount the Government may pay as provided in the contract.

W. D. Baltzley
W. D. BALTZLEY

Mavos Baltzley
MAVOS BALTZLEY

THE UNITED STATES OF AMERICA

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

Z

DIVISION COPY

DEPARTMENT OF
Defense Minerals
RECEIVED
APR 12 1955

W. D. Baltzley and Mavos Baltzley
Exploration Project Contract
Docket No. DMEA-3257 (Mica)
Contract Idm-E673

Amendment No. 2

Due to operating delays caused by circumstances beyond the control of the Operator, Contract No. Idm-E673 is amended as follows:

Article 3. Exploration project. First sentence to read:

"The Operator, within 30 days from date of this contract, shall commence work on a project of exploration for mica in and upon the described land, and shall bring the project to completion within a period of one (1) year from the date of this contract."

This amendment shall not be construed to increase the estimated total cost of the contract or the maximum amount the Government will pay as provided in the contract.

Dated January 7, 1955

W. D. Baltzley and
Mavos Baltzley

Mavos Baltzley
by: W. D. Baltzley
Operator

The United States of America

W. T. Millar

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

W. D. Baltzley and Mavos Baltzley
Exploration Project Contract
Docket No. DMEA 3257 (Mica)
Contract Idm M-673

DEPARTMENT OF [illegible]
Defense Minerals Administration
RECEIVED
NOV 9 - 1954

Amendment No.1

Due to operating delays caused by circumstances beyond the control of the Operator, Contract No. Idm-M673 is amended as follows:

Article 3. Exploration project. First sentence to read:

> The Operator, within 30 days from date of this contract, shall commence work on a project of exploration for mica in or upon the described land, and shall bring the project to completion within a period of eight (8) months from the date of this contract."

This amendment shall not be construed to increase the estimated total cost of the contract or the maximum amount the Government will pay as provided in the contract.

Dated October 25, 1954

W.D. Baltzley and
Mavos Baltzley

W. D. Baltzley
by: Mavos Baltzley
Operator

The United States of America,

W. O. Miller

Executive Officer, Bureau-Survey
Field Team, Defense Minerals
Exploration Administration

Division Copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 1 1954

NOTICE OF ASSIGNMENT

Date SEP 4 1954

To: Administrator
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Contract Idm-E673, dated May 24, 1954
Made by the United States of America
Department of the Interior
Defense Minerals Exploration Administration
With W. D. and Mavos Baltzley, Operator
Address of Operator, Powhatan, Virginia
For Minerals Exploration

PLEASE TAKE NOTICE that moneys due or to become due under the contract described above have been assigned to the undersigned pursuant to the provisions of the Assignment of Claims Act of 1940 (54 Stat. 1029), as amended by Public Law 30, 82d Congress, approved May 15, 1951.

A true copy of the instrument of assignment is attached to the original hereof.

Payments due or to become due under such contract should be made to the undersigned assignee.

Please return to the undersigned a copy of this notice with appropriate notations showing the date and hour of receipt, and duly signed by the person acknowledging receipt on behalf of the addressee.

Very truly yours,

BANK OF POWHATAN
POWHATAN, VA.

(W. R. Carter - Cashier)
Bank of Powhatan, Assignee

By W. R. Carter
Name and title of signing officer

Cashier
Powhatan Va
Address of Assignee

RECEIPT is hereby acknowledged of the "Notice of Assignment" to which this is attached, and the Government hereby consents to said Assignment, as of the close of business, September 30, 1954.

W. T. Miller
Executive Officer
DMEA Field Team, Region VIII

Assignment of Accounts

Approved by
Standard Forms Committee
Michigan Bankers Association

RECEIVED
OCT 1 1954

To Bank of Powhatan — Name of Bank
Powhatan, Virginia — Address

WHEREAS, the undersigned is indebted to the above mentioned bank, hereinafter called 'bank", at the date hereof, in the sum of $_____ principal, with interest thereon at the rate of _____% per annum due _____ days after the date hereof;

NOW, THEREFORE, for value received, and for the purpose of securing payment at maturity of the principal and interest of said indebtedness, and of any extension or renewal of the same, and to secure as well all other indebtedness, now or hereafter owing from the undersigned to said bank, the undersigned hereby sets aside, assigns and transfers to said bank, all of the accounts receivable hereinafter described, together with the right to sue for, collect, receive and receipt for the several sums represented by said accounts and to apply the proceeds thereof upon said indebtedness, which accounts hereby are warranted to be valid, subsisting and collectible accounts in the several amounts hereinafter written as to each, and are described as follows:

NAME AND ADDRESS OF DEBTOR		AMOUNT OF ACCOUNT
W. D. and Mavos Baltzley	of	Powhatan County, Virginia

We assign all money now due and all further money due us under contract IDM-E673 (Docket No. DMEA-3257) dated May 24, 1954 between the United States of America and W. D. and Mavos Baltzley to Bank of Powhatan, Powhatan, Virginia, for advances made us and to be made us from time to time.

The provisions and representations appearing upon the reverse side of this instrument are, a shall be construed to be, incorporated herein.

Dated the 11th day of August, 19 54.

In presence of:

W. R. Parker — W. D. Baltzley

Mavos Baltzley

PROVISIONS AND REPRESENTATIONS

(1) The Assignee does not, by acceptance of the collateral, assume any duty to collect all or any part of the accounts assigned to it.

(2) The Assignee is granted, and if it so elects may exercise power and authority to collect, sue for and receive, adjust, compromise, settle and fully discharge, in its own name or in the name of the Assignor, at the expense of the Assignor, any and every account described in the assignment of which this grant is made a part.

(3) The Assignee is authorized to endorse in the name of the Assignor all checks, drafts, orders, notes, and other instruments payable to the Assignor, which may come into the hands of the Assignee.

(4) The Assignee shall have the right to give notice to debtors and others of the existence of this assignment, and to require that payment of assigned accounts be made to the Assignee only.

(5) The Assignor represents that the assigned accounts represent bona fide indebtedness which the debtor therein named is under valid legal obligation to pay when due, and that none of said accounts is subject to any right of deduction, set-off or counter-claim, unless otherwise expressly stated on the face of this instrument.

(6) The Assignor represents that no account, nor any part thereof hereby assigned, is subject to any prior lien or assignment, and the Assignor agrees that it will ear-mark and segregate the within assigned accounts upon Assignor's records, so that the same may be readily identified as having been assigned hereby as collateral, and that the Assignor will not assign said accounts, or any of them, to any other Assignee while any part of the indebtedness secured hereunder remains unpaid.

(7) The Assignor agrees to collect said accounts at its own expense as agent for the Assignee, and to immediately deliver to the Assignee all proceeds so collected.

(8) The provisions and representations herein contained shall be for the benefit of the Assignee, its successors and assigns, and shall bind the Assignor and the Assignor's heirs, legal representatives successors and assigns.

MF-200 (A)
(February 1952)

DOCKET NO. DMEA - 3257

COMMODITY Mica

IDM - E 673

Division Copy

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

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 24 day of May, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] W. D. Baltzley and Mavos Baltzley, jointly and severally, Powhatan, Virginia

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 Virginia, County of Powhatan, described as set forth in Annex I and the map entitled "Location Map, Baltzley #3 Mine, DMEA Docket No. 3257, attached hereto and made a part hereof, and hereinafter referred to as the land,

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 liens, encumbrances, or easements, a copy of which the subordination agreement of the holder is attached.~~

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

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

ARTICLE 3. *Exploration project.*—The Operator, within 30 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 Five (5) 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 75 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $4,687.50, which is 75 percent of $6,250.00 the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

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

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

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

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

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

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

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

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

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

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

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

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations. **See Annex II, substituted for Article 6.**

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* ----------

None

Executed in sextuplicate the day and year first above written.

W. D. Baltzley
(Operator) **W. D. Baltzley**

By Mavis Baltzley
Mavis Baltzley

THE UNITED STATES OF AMERICA

By C. D. Mitchenoy
Administrator, Defense Minerals Exploration Administration

Robin
Hoffmann
Hook

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

[CORPORATE SEAL]

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

EXPLORATION PROJECT CONTRACT
W. D. BALTSLEY AND MAVRE BALTSLEY
DOCKET NO. DMRA-3857

ANNEX I

The land referred to in Article 2 of the contract form is known as the Baltsley No. 3 Mine and was leased for mining purposes to W. D. Baltsley and Mavre Baltsley, his wife, for a period of three years by William P. Jervey and Byrd Pendleton Jervey, his wife, by an instrument dated December 23, 1953, and recorded in Deed Book 64, page 512, official records of Powhatan County, Virginia. It is located on Jude's Berry Farm, owned by William P. Jervey and his wife, Byrd Pendleton Jervey, and is described in the lease as follows:

> "Beginning at a gap in the Jervey-Dolphin fence, about 50 yards south of a branch; thence on a west-east line south of said branch and 100 feet to 150 feet from it, to a corner at an old pasture fence line; thence along said old pasture fence line in a southerly direction to a corner in Jervey-Allyn fence; thence along Jervey-Allyn fence line in a westerly direction to a corner; thence along Jervey-Allyn-Dolphin fence line to the gap, or point of beginning, containing 75 acres, more or less."

EXPLORATION PROJECT CONTRACT
W. D. BALTZLEY AND MAVOS BALTZLEY
DOCKET NO. DMEA-3257

ANNEX II

The following provisions are in lieu of Article 6:

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

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

c. Basis for computation.--The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight paid by the buyer to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the

Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the raw ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

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

e. Percentages of royalty.--The percentages of the Government's royalty shall be as follows:

> One and one-half ($1\frac{1}{2}$) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half ($\frac{1}{2}$) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.
>
> (For instance: the royalty on an amount of five dollars ($5.00) per ton, would be one and one-half ($1\frac{1}{2}$) percent; on an amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) percent.)

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

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

h. No obligation to produce.--Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

i. Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

Division Copy

EXPLORATION PROJECT CONTRACT
W. D. BALTZLEY AND MAVOS BALTZLEY
DOCKET NO. DMEA-3257

Exhibit "A"

Description of the Work

1. Sink 65 feet of vertical, two-compartment shaft with a cross-sectional dimension of 5 feet by 7 feet in the clear of timber.

2. Drive not more than an aggregate of 100 feet of drift and/or crosscut from the 60-foot level in the shaft. The drifts and/or crosscuts shall have a cross-sectional dimension of 5 feet by 7 feet in the clear of timber.

All work shall be timbered as necessary. The location, inclination, direction, and extent of all work are subject to the approval of the Government.

Agreed Unit Costs

1.	Sinking 65 feet of vertical shaft @ $50.00/ft.	$3,250.00
2.	Driving 100 feet of crosscut and/or drift @ $30.00/ft.	3,000.00
	Total Agreed Estimated Cost of Project	$6,250.00
	Government Participation @ 75%	$4,687.50

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

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

in a lease dated December 23rd, 1953, and recorded in Deed Book 64, page 512, official records of said County.

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

2/ W. D. Baltzley and Mavos Baltzley

hereinafter called the "Operator"; and

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

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

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

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

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

4. Changes and added provisions

Dated this 3rd day of March, 1954.

Wm E Jeremy [Seal]

Byrd Pendleton Jeremy [Seal]

W. D. Baltzley [Seal]

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

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

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

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

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

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

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

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

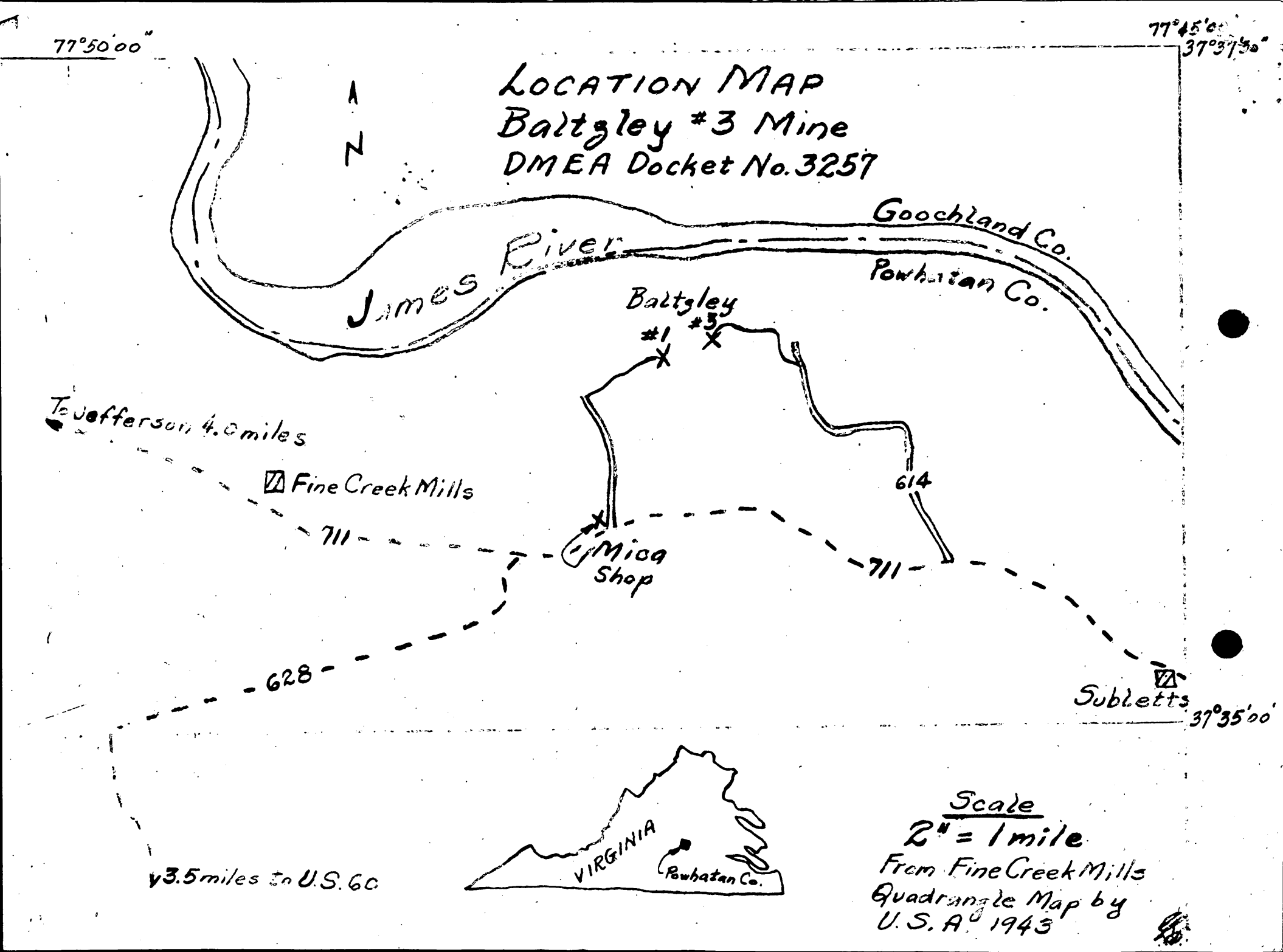
c. Definitions.--As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value of the material after it is mined in the form in which and the place where it is held.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

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

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

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

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


77°50'00"
77°45'00"
37°37'30"
LOCATION MAP
Baltgley #3 Mine
DMEA Docket No. 3257
N
James River
Goochland Co.
Powhatan Co.
Baltgley
#1
#3
To Jefferson 4.0 miles
Fine Creek Mills
711
614
Mica Shop
711
628
Sublett's
37°35'00"
3.5 miles to U.S. 60
VIRGINIA
Powhatan Co.
Scale
2" = 1 mile
From Fine Creek Mills
Quadrangle Map by
U.S.A. 1943

Project Summary Report

March 23, 1956

By: Walter C. Anderson

1. Docket No. DMEA-3257-(Mica, Beryl)
Contract No. Idm-2673
Baltzley No. 3 Mine
Powhatan County, Virginia
Operators: W. D. Baltzley and Mavoe Baltzley
Powhatan, Virginia
Application: MF-103(April,1952) received February 15, 1954
Work proposed - 65 feet of shaft and 100 feet of drifts
Amount requested - $6,900.00
Operators' Property Rights:
Mining lease for 3 years on the Jervey property, dated December 23, 1953
Owners' Consent to Lien dated March 3, 1954

2. Contract: Form MF-200A(February,1952) dated May 24, 1954
Work Authorized:

65 feet of vertical shaft @ $50.00/ft.	$3,250.00
100 feet of drifts and/or crosscuts @ $30.00/ft.	$3,000.00
Estimated total cost of project	$6,250.00
Government participation @ 75%	$4,687.50

Amendments: No. 1, 10/25/54 - Fixes time for starting work at 30 days from date of contract and extends completion time from 5 months to 8 months.
No. 2, 1/7/55 - Extends completion time from 8 months to 1 year.
No. 3(omitted) - Extends completion time from 1 year to 15 months.
No. 4, 6/30/55 - Deletes 8 feet of drifts and substitutes 20 hours of bulldozing 2 trenches.

Work Completed:

65 feet of shaft @ $50.00/ft.	$3,250.00
79 feet of drifts and/or crosscuts @ $30.00/ft.	2,370.00
20 hours of bulldozing @ $12.00/hr.	240.00
Total accepted cost	$5,860.00
Government participation	$4,395.00

ork started on May 24, 1954 and completed during May, 1955
Final Field Team Report received on September 26, 1955
Final Operators' Report received on September 26, 1955

Value of production during operation	$1,346.94
Royalty received on above	67.34
Subsequent production up to November 25, 1955	5,316.46
Royalty received	265.83

No production since November 25, 1955 and no royalties due
No equipment purchased under contract.

3. Audit: Report of Review issued September 21, 1955

Accepted Cost	$5,860.00
Government participation	$4,395.00

4. Certification of Discovery - none issued

5. Comments:

How conducted: All of the work in which the Government participated was acceptable. Progress was slow because of many harassing occurrences.

Operation: Good

Engineering: Reporting was very accurate and adequate

Geological Premise:
The premise that the work would lead to the discovery of a worthwhile mica deposit did not materialize, as the estimate of the value of the mica reserves amounts to only about $3,135.00, according to Jack Hanley, the examining geologist.

Geological Criteria upon which work was based:
1. Mica - abundant on footwall of pegmatite, occupies 15 to 20% of pegmatite. Yield of sheet mica will be small because of defects, much is cracked and broken.
2. Other Minerals - garnet and well-shaped crystals of beryl, 2 to 3 inches in diameter, of sparse occurence.
3. Pegmatite - 2 to 3 feet thick by 160 feet long. Deeply decomposed. Conformable to enclosing biotite-feldspar gneiss.
4. Past Production

Criteria developed during project:
1. Mica - content only ½ that at the outcrop, but of better grade, amounts to about 5% of pegmatite.
2. Beryl - none seen in the underground. Small amount found at one of the trenches. Other bulldozed to the south of the main pegmatite. About 250 pounds have been recovered and about 150 pounds in view
3. Pegmatite - vertical shaft intersected a 3-foot thick pegmatite at the 60-foot level. In a 29-foot drift to the north the pegmatite remained at 3 feet. In a short drift to the south the pegmatite pinched to 18 inches. Pegmatite is conformable to a biotite gneiss wall rock. Drifting

cut a fault that extends to the surface. Hanging wall side of fault plane is highly decomposed and waterlogged, which flowed into the drift and completely filled it up.

Future Possibilities:

The water problem and the caving ground together with the low mica content will hamper further attempts to mine this property.

Recommendations:

The Nonmetallic Minerals Division concurs in the Field Team's recommendation not to certify the project.
The examining geologist reiterated this recommendation in a supplementary report.
The Commodity Members of the Geological Survey and Bureau of Mines are in agreement.

Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:ms 3/23/56
Copy to: Mr. Houk
Mr. Anderson
Admr. R. File

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

RECEIVED
MAR 21 1956

March 19, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V

Subject: DMEA-3257, Idm-E673 (Mica-Beryl) W. D. & Maves Baltzley, Baltzley No.3, Mine, Powhatan, Virginia

Reference is made to your letter of March 5.

So far as we can learn, there was no production from this mine after November 25, 1955, and therefore, no additional royalties are due.

Robert A. Laurence
Executive Officer, DMEA
Region V

RAL/mm
cc:
Lynch
Miller
Files

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

RECEIVED
MAR 21 1956

March 19, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V

Subject: DMEA-3257, Idm-8673 (Mica-Beryl) W. B. & Mavos Baltzley, Baltzley No.3, Mine, Powhatan, Virginia

Reference is made to your letter of March 5.

So far as we can learn, there was no production from this mine after November 25, 1955, and therefore, no additional royalties are due.

Robert A. Laurence
Executive Officer, DMEA
Region V

RAL/um
cc:
Lynch
Miller
Files

MAR - 5 1956

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

Re: Docket No. [illegible]
W. D. and Hayes Building
Building No. 3 Mine
Pocahontas County, Virginia
Contract No. [illegible]

Dear Mr. Lawrence:

Reference is made to the subject contract, the time within which Certification may be made ended on February 12, 1956.

Royalties from production up to November 23, 1955, the date of the last payment of royalties, amounted to $333.17. In order to close out this docket, it will be appreciated if you will report whether any production has been made between the time of the last royalty payment and February 12, 1956.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

/s/ Robert W. Geehan
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

WEAnderson:ms 2/29/56
Copy to: Docket
Operating Committee
Mr. Kiilsgaard, 5252
Mr. Dietrich, 3061
Mr. Hook
Mr. Anderson
Admr. R. File

December 5, 1955

Memorandum

To: The Files

From: George C. Selfridge
Special Assistant

Subject: Royalties
Docket No. [illegible] (Mica-Beryl)
W. B. and Myron Baldwin
Baldwin No. 3 Mine
Pendleton County, Washington
Contract No. [illegible]

Mr. Miller telephoned today to secure information concerning the payment of royalties under the subject contract. He explained that the Operator had returned to an open pit and had mined considerable mica which he had sold and that he was paying royalties on this production. The project was finished last summer and the Operator had submitted his final report which was dated August 12, 1955. The field examiners had recommended that no certification be made of the project in which the Field Team had concurred. Mr. Miller wished to know if the Operator had to pay royalties. The writer explained to him that under the minor form contracts regardless of certification the Operator was expected to pay royalty through the period in which the Government had the right to certify the project. There is a question now whether or not the project should be certified. Apparently several hundred dollars in royalties have been paid to the Government.

George C. Selfridge

George C. Selfridge

GCSelfridge/esf
cc to: Docket
Agnr. R. File
Messrs: Mittendorf
Johnson
Hook
Selfridge

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

November 23, 1955

Memorandum

To: Hahem Miller, Ass't Administrative Officer - Region V

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty payment on - Idm-E673, DMEA-3257, W. D. Baltsley
Baltsley No. 3 Mine, Powhatan County, Va.

Transmitted are the bills-of-sale on the subject contract in the amount of $3,856.29, and a royalty check for $192.82, representing 5% of the sale.

Robert A. Lawrence

LM.
cc:
Miller
Burmeister
Allsman
Lynch
Mittendorf
Files

RECEIVED
NOV 25 1955

copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N.C.

DATE: 10-19-55

ACCEPTANCE 20 (a)

Certificate Authorization No.	LOT No.	VOUCHER
103 B	20(a)	

RUBY [X] NON-RUBY [ ]	TOTAL LBS.	LBS OF G. S. & Better	LBS, STAINED Mica	TOTAL VALUE
TOTAL PAYMENT	1860.00	45.81	13.31	1696.66
LESS INITIAL PAYMENT		27.00	10.00	1000.02
AMT. DUE GOV. [ ] SELLER: [X]				696.64

DMEA-3257, IdmE 673

Seller: W. D. Battzley

MINE: Baltzley No 3

Address, Powhatan Va.

Copy

GENERAL SERVICES ADMINISTRATION MICA PURCHASING DEPOT, SPRUCE PINE, N.C.				DATE: 10-19-55 ACCEPTANCE 84(a)
Certificate Authorization No. 103 B	LOT No. 84(a)			VOUCHER
RUBY [X] NON-RUBY [ ]	TOTAL LBS.	LBS OF G. S. & Butter	LBS, STAINED Mica	TOTAL VALUE
TOTAL PAYMENT	2450.00	58.31	39.67	2159.63
LESS INITIAL PAYMENT		21.00	30.00	777.78
AMT. DUE GOV. [ ] SELLER: [X]				1381.85

DMEA-3257-Idm E 673

MINE: Baltzley No. 3

Seller: W. D. Baltzley

Address, Powhatan Va

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1025 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

November 28, 1955

Memorandum

To: Operating Committee DMEA - Washington

From: DMEA Field Team, Region V - Knoxville

Subject: Supplementary Report - DMEA-3257 (mica) Baltzley Mine No.3, Powhatan County, Virginia.

Enclosed are threecopies of a supplemental report on the subject contract.

The Field Team concurs with the recommendation that no certification of discovery or development be issued.

Robert A. Laurence
Executive Officer, DMEA
Field Team-Region V

V. J. Lynch, Member
Bureau of Mines

VJL/sm
cc: Lynch
Burmeister
Files

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
U. S. Geological Survey Bldg.
Agricultural Research Center
Beltsville, Maryland

November 23, 1955

RECEIVED
NOV 28 1955
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

Memorandum

To: R. A. Laurence

From: Jack Hanley

Subject: Supplementary report of the Baltzley No. 3 mine, DMEA - 3257 Powhatan County, Virginia.

At the telephoned request of Mr. Anderson of the Washington DMEA office I have made as conscientious a review as possible of all the data that I could gather on the Baltzley No. 3 mine. During my phone conversations with Mr. Anderson I admitted that I was on the fence as to whether the exploration might be certified or not. My indecision was based on these factors: 1) at no time when I visited the mine was it possible to see enough geology to feel sure of the mica content of the pegmatite - and this has been brought out in my reports, and, 2) my feeling that certification of this exploration would be essentially an academic point as the water problem is so great as to preclude any economic operation of this pegmatite - and this point has also been mentioned in my reports. As a result of this indecision I was inclined to go along with certification solely to protect the Government's rights against the one in a million chance that the operator might be able to produce a significant quantity of sheet mica despite the water problem.

Prior to Mr. Anderson's request I had no detailed factual knowledge of the quantity and quality of mica that had been produced during this exploration. In the course of my review I secured from the College Park office of the Bureau of Mines an incomplete summary, but the best that they had, that indicates that $2,807.14 of mica has been sold to Spruce Pine (and that royalities of $140.35 have been paid on these sales), and also the information that Baltzley has reported recovering 8,400 pounds of block mica during the life of the contract to date.

The available information did not show the number of pounds of either block or trimmed mica purchased at Spruce Pine, so I cannot tell

whether Baltzley has sold all 8,400 pounds or only part of it. Furthermore, no information as to the quality of the mica was available other than that used in the original field examination report. As you know, the quality of the mica is of utmost importance in any consideration of the value of a mica property. The lack of recent information on this aspect is a decided drawback in any appraisal of this mine. The reported sales of mica, when compared with the recovered pounds of block mica, indicate that this mica yields only punch and small sheet in any significant quantity.

I have assumed because of the length of time since the exploration stopped, and also because of my impression of Baltzley's financial condition that Baltzley has sold all the mica that he had mined during the contract. On this assumption the value of a pound of block mica from this mine would be 33 cents, or a little bit higher than the value of a pound of punch mica. A rough estimate of the recoverable reserves developed by the exploration work is in the order of 9,500 pounds of block mica. The estimate is based on 1) Baltzley's reported recovery of 400 pounds of block mica in the underground mining, and a calculation that 10 tons of pegmatite were mined in this work; and 2) his reported recovery of 8,000 pounds of block mica from the surface work, and a calculation that about 55 tons of pegmatite had been mined at the surface.

On the basis of these figures the potential dollar value of recoverable block mica would be only $3,135.00. Thus the economics of this pegmatite, although admittedly biased on the conservative side, do not appear to justify certification.

Consequently, after this review of all the available information on the geology of this pegmatite in the light of the sales record of block mica, I see no real reason to change my opinion as stated in the final field examination report, or briefly "no recommendation for certification is justified by the observed geology."

Jack

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
U. S. Geological Survey Bldg.
Agricultural Research Center
Beltsville, Maryland

IN REPLY REFER TO:

November 23, 1955

RECEIVED
NOV 28 1955
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

Memorandum

To: R. A. Laurence

From: Jack Hanley

Subject: Supplementary report of the Baltzley No. 3 mine, DMEA - 3257 Powhatan County, Virginia.

At the telephoned request of Mr. Anderson of the Washington DMEA office I have made as conscientious a review as possible of all the data that I could gather on the Baltzley No. 3 mine. During my phone conversations with Mr. Anderson I admitted that I was on the fence as to whether the exploration might be certified or not. My indecision was based on these factors: 1) at no time when I visited the mine was it possible to see enough geology to feel sure of the mica content of the pegmatite - and this has been brought out in my reports, and, 2) my feeling that certification of this exploration would be essentially an academic point as the water problem is so great as to preclude any economic operation of this pegmatite - and this point has also been mentioned in my reports. As a result of this indecision I was inclined to go along with certification solely to protect the Government's rights against the one in a million chance that the operator might be able to produce a significant quantity of sheet mica despite the water problem.

Prior to Mr. Anderson's request I had no detailed factual knowledge of the quantity and quality of mica that had been produced during this exploration. In the course of my review I secured from the College Park office of the Bureau of Mines an incomplete summary, but the best that they had, that indicates that $2,807.14 of mica has been sold to Spruce Pine (and that royalities of $140.35 have been paid on these sales), and also the information that Baltzley has reported recovering 8,400 pounds of block mica during the life of the contract to date.

The available information did not show the number of pounds of either block or trimmed mica purchased at Spruce Pine, so I cannot tell

whether Baltzley has sold all 8,400 pounds or only part of it. Furthermore, no information as to the quality of the mica was available other than that used in the original field examination re[illegible] you know, the quality of the mica is of utmost importance in a[illegible]sideration of the value of a mica property. The lack of recent information on this aspect is a decided drawback in any appraisal of this mine. The reported sales of mica, when compared with the recovered po[illegible]s of block mica, indicate that this mica yields only punch and smal[illegible]eet in any signi[illegible].

I have [illegible] the exploration stopped, [illegible]y's financial condition that Baltzley has [illegible]d mined during the contract. On this assumption [illegible] block mica from this mine would be 33 cents, or a little bit [illegible] the value of a pound of punch mica. A rough estimate of the recoverable reserves developed by the exploration work is in the order of 9,500 pounds of block mica. The estimate is based on 1) Baltzley's reported recovery of 400 pounds of block mica in the underground mining, and a calculation that 10 tons of pegmatite were mined in this work; and 2) his reported recovery of 8,000 pounds of block mica from the surface work, and a calculation that about 55 tons of pegmatite had been mined at the surface.

On the basis of th[illegible]gures t[illegible] [illegible]ly $3,1[illegible] of [illegible]ly biased [illegible] conservative side, do [illegible]ication.

Consequently, after this review of all the available information on the geology of this pegmatite in the light of the sales record of block mica, I see no real reason to change my opinion as stated in the final field examination report, or briefly "no recommendation for certification is justified by the observed geology."

Jack

October 24, 1955

Mr. Robert A. Laurence, Knoxville, Tenn., calling Mr. F. L. Knouse

Re: Docket No. DMEA-3257 - Mica and Beryl
W. D. and Mavos Baltzley
Baltzley No. 3
Powhatan County, Virginia
Contract No. Idm-E673

Mr. Anderson: This is about the Baltzley No. 3 Mine. We are exploring the idea of certifying this project but we have not completed our review. The files indicate that 1½ tons of cobbed mica was sold. The Operator reports that 4 tons were produced during the project.

Mr. Laurence: I will have to check the production figures on that project.

Mr. Anderson: The Operator indicates they produced 400 lbs. of sheet mica, yet the records indicate that only 41 lbs. was sold.

Mr. Laurence: Maybe that was included in the last payment. I have not seen that report, therefore the additional production may be accounted for.

Mr. Anderson: The field report, also, refers to a greater production of mica than the records indicate was sold.

Mr. Laurence: The Field Team Report says certification is not recommended. I got the impression the project was shut down and full of water and they do not plan to continue mining. They did not think there was very much mica showing in the deposit.

Mr. Anderson: I was talking to Hanley this morning and he was on the fence about certification.

Mr. Laurence: He wrote the report. Ordinarily we would not consider that a discovery was made on this property. If Hanley thinks it is a boarderline case I will go along with him on recommending a certification.

Mr. Knouse: We are following the thing through on this and the report from Hanley will, naturally, come through you.

WCAnderson:gad 10/24/55
Copy to: Admr. R. File
Docket
Mr. Houk
Mr. Anderson

Called Hanley - [illegible]
[illegible]
[illegible] + [illegible]
[illegible]
[illegible]

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

RECEIVED
OCT 21 1955

October 19, 1955

Memorandum

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

From: Executive Officer, DMEA - Region V

Subject: Royalty check - Idm-E673, DMEA-3257, W. D. Baltzley
Baltzley No. 3 Mine, Powhatan, Virginia

Transmitted are bills-of-sale in the amount of $1,460.20, and a royalty check No. 3185 for 5% royalty in the amount of $73.01 to be credited to the subject contract.

Robert A. Laurence

ZM.

cc:
Lynch
Millar
Files
Mittendorf

1460.20
73.01

Copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N.C.

DATE 6-20-55

ACCEPTANCE 27(a). Final Settlement

Certificate Authorization No. 1C 3 13

LOT NO. 27(a)

RUBY ☐ NON-RUBY ☐	TOTAL LBS'	LBS. of G. S. & Better	LBS. STAINED Mica	TOTAL VALUE
TOTAL PAYMENT				
LESS INITIAL PAYMENT				
AMT. DUE GOV. ☐ SELLER ☒				515.88

DMEA-3257, Dam E 673

Seller: W. D. Baltzley

MINE Baltzley No. 3 Mine

Address Powhatan, Va

Powhatan County, Va

copy

GENERAL SERVICES ADMINISTRATION
MICA PURCHASING DEPOT, SPRUCE PINE, N.C.

DATE 7-8-55

ACCEPTANCE BR4-51(a)

Certificate Authorization No.	LOT NO.
103-B	R-51(a)

RUBY [X] NON-RUBY [ ]	TOTAL LBS'	LBS. of G. S. & Better	LBS. STAINED Mica	TOTAL VALUE
TOTAL PAYMENT	2293.00	44.07	33.93	1,632.22
LESS INITIAL PAYMENT				687.90
AMT. DUE GOV. [ ] SELLER [X]				944.32

DMEA-3257, Idw E 673

Seller: W. D. Baltzley

MINE Baltzley No. 3 Mine

Address Powhatan, Va.

Powhatan County, Va.

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

October 4, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3257 (mica)

Applicant: W. D. and Mavos Baltzley

Name and Location of Property: Baltzley Mine No. 3, Powhaten Co., Va.

Contract Number: Idm-E 673

Date of Field Team Report: 9/23/55

Date Rec'd by Br. of Ceramic & Fertilizer Materials: 9/29/55

Field Team Recommendation: Recommend that no certification of discovery be made.

Comments:

1. Sufficient work has been done to indicate the pegmatite is not suitable for producing large quantities of strategic mica.

2. Expenditures -

Total approved	$6,250.00
Total cost	5,860.00
Gov't share of the cost	4,395.00
Value of production during operation	1,346.94

Recommendation: I concur with the field team's recommendation that no certification of discovery be made.

Signed
W. F. Dietrich

IN REPLY REFER TO:

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

September 30, 1955

Re: DMEA 3857, Idm-8673
W. B. and Hayes Baltzley
Baltzley No. 3 Mine
Pushetan Co., Virginia
$6,250.00 - Mica and beryl

Memorandum

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

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

Subject: Review of Field Team Final report.

A total of $6,250.00 was approved for the exploration of a narrow, 3-foot pegmatite by bulldozing, shaft sinking and drifting.

$5,860 were spent, resulting in a vertical shaft 65 feet deep, 14 feet of crosscut, and 75 feet of drifting. The work was stopped when running ground, due to a fault, was encountered in the south drift and the mica in the pegmatite in the north drift did not justify further work.

In the bulldozing two other pegmatite dikes were found which contain mica and beryl similar in amount to the main pegmatite.

No discovery is claimed for the work done under the DMEA contract and certification is not recommended. $1,346.94 of mica was sold during operation and $67.34 royalty was paid.

I concur with the recommendation of the examiners and the Field Team that a certificate of discovery should not be issued.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-9/30/55

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
SEP 26 1955

September 23, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V

Subject: Final Reports, DMEA-3257, Idm-2673 (mica) W. D. & Mavos Baltzley. Baltzley Mine No. 3, Virginia

Enclosed are ~~four~~ 3 copies each of the Operator's and Field Team final reports on the subject contract.

We agree with the recommendation that certification should not be made.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch, Member
Bureau of Mines

RAL/sm

cc:

Lynch
Miller
Files

Note: Copy of Field Team final report for the Division Docket was not furnished. See Official Docket.

C O P Y (with corrections by GLNeumann)

3257

Powhatan, Va. August 12th, 1955

Mr. W. T. Millar
Chief Mining Engineer
DMEA, Region V
College Park, Maryland

RECEIVED
SEP 26 1955

Re: DMEA Idm-E673 (Mica)
Baltzley No. 3 Mine
Powhatan County, Virginia

Dear Mr. Millar:

Enclosed you will find my final report and diagram on subject project.

Shaft completed at 60 feet with additional 5 foot sump. Cribbed solid 2" x 8" oak and with a double compartment to the 60 foot level. Water was contacted at the 10 foot level. The country rock was completely weathered down to 45 feet. At 61 feet it was becoming completely solid. The 3 foot wide pegmatite vein entered the west edge of the shaft at 64 feet. There was no mica of commercial size evident at this point.

X-cut completed at 14 feet, at 60 foot level.

Drift to north - 29 feet - pegmatite 3 feet wide.
mica content - poor
mica grade - good

Drift to south - 36 feet - pegmatite 2-1/2 feet average.
mica content - poor
mica grade - good

Total underground work produced 400 lbs. of mica. The grade was the same as that taken from vein near surface except for slightly less clay stain. Also, sizes of the blocks were under 6 inches in diameter.

The water flow nearly doubled as the pegmatite was entered into at the 60 foot level, due to many cracks occurring in the pegmatite.

The weathering condition worsened in a southerly direction to a point where due to a caving and flowing condition further progress would have been extremely difficult and costly at this level.

Since discontinuing the underground work the surface open-cut has been deepened to an average 17 feet. It has been lengthened on the south end resulting in 225 feet of pegmatite, total length. It pinched out on the south end and down to ten inches on the north end.

This new work produced four ton of block mica to date and approximately 100 lb. of beryl.

Mica now appears to occur in workable quantities only in the southern half of the vein.

An incline shaft has been started on the vein 40 feet from the south end.

New Discoveries
(Amendment No. 4)

A bulldozer trench 100 feet long, 5 feet deep and 12 feet wide with an additional 50 feet, 1 foot deep was dug on "north trench."

The small amount of out-crop here pinched out completely with a little depth.

The "south trench" consisted of two trenches, one on the east and one on the west side of the quartz out-crop and joining to form one trench at the south end of the 100 foot exploration. The trenches were dug 12 feet wide and 5 feet deep. An 8 foot deep cut was put along the east side. Also, cross-cutting was done on north end of trenches.

The pegmatite here is a lense like body. It is approximately 12 feet wide at the out-crop maintaining this width at bottom of the cut. The vein is dipping slightly to the east and has a length of approximately 35 feet and continuing in a southerly direction.

A poor quality mica of fair amounts occurs at north end of quartz body and along east side of quartz body.

Beryl was found in edge of quartz body at the bottom of trench and on the east side. Very little of the actual quartz body, where beryl occurs, was moved. The beryl crystals found range up to 10 inches wide and 15 inches long. Approximately 250 lbs. of beryl have been taken from this prospect to date. There is approximately 150 lb. in view.

Mr. Neumann mentioned that he was planning on visiting the mine in the near future. If he wants me to be there at that time he should come after August 21.

Sincerely yours,

/s/ W. D. Baltzley
W. D. Baltzley

P. O. Box 217
August 22, 1955

Memorandum

To: Jay L. Chambers, Defense Minerals Exploration Administration, Bureau of Mines, Interior Building, Washington, D. C.

From: Administrative Assistant, Electrotechnical Experiment Station, Morris, Tennessee

Subject: Monthly report and voucher

We are enclosing two copies of the following monthly report and voucher:

Idm-E-673 Bank of Powhatan
(W. D. and Mavos Baltzley)
D.M.E.A. Docket No. 3257
10th and final payment - month of June
Completion date: 6/7/55
Amount $202.50

Helen R. Miller

Attachments
/hbm
Copies to R. A. Laurence
V. J. Lynch
Morris files
Day files

MF104 (Rev.)
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July 1955 Docket No. DMEA 3257 Contract No. IDM-2673

Operator's Name W.D. and Mavoo Baltzley Minerals Mica

Address Powhatan, Virginia

Contract Amount, $ 6250.00 Government Participation: 75 % Amount, $ 4687.50

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	240.00	—	240.00	240.00	—	240.00
Crosscutting		420.00	420.00		420.00	420.00
Drifting		1950.00	1950.00	30.00*	1,920.00	1,950.00
		3250.00	3250.00		3,250.00	3,250.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	240.00	5620.00	5860.00	270.00	5,590.00	5,860.00

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

Date 7-26-55 *Payee W.D. Baltzley Mavoo Baltzley

Per _____ Title _____

*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 Helen R. Miller
(Authorized Certifying Officer)

Date AUG 22 1955 Vou. No. 36
(See other side)

RECEIVED AUG 24 1955

* 1 foot deleted from June voucher now reinstated
See memo attached.

67.50

(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-E 673 in accordance with the terms of the contract.

Signature W. T. Miller Title Min. Engr. Date 7/28/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature V. J. Lynch ACTING Title EXECUTIVE OFFICER DMEA REGION V Date AUG 19 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1955 Docket No. DMEA 3237 Contract No. [illegible]-3673
Operator's Name W. D. and Mavos Baltzley Minerals Mica
Address Powhatan, Virginia

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Foot	-	-	1950.00	65	30.00		
Crosscutting	Foot	-	-	420.00	14	30.00		
Raising								
Shafts	Foot	-	-	3250.00	65	50.00		
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching (Bulldozing)	Hr.	240.00	20	240.00	20	12.00		
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		240.00		5860.00				

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 7-26-55 Operator W. D. Baltzley Mavos Baltzley

Per _____ Title _____

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) W. G. Miller

1465
4
5860

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.

U. S. GOVERNMENT PRINTING OFFICE 205676

COPY

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

College Park, Maryland

August 8, 1955

Memorandum

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

From: G. L. Neumann, Field Engineer, DMEA

Subject: DMEA-3257, Idm-E673 (mica)
Baltzley No. 3 Mine
Powhatan County, Virginia

My inspection report on this subject contract written from examination of June 1 and 2, 1955 was based on the evidence at hand. The north drift measured 29 feet for the top half and 27 feet for the bottom half. It appeared that the shots in the bottom had missed and I pulled part of a shot wire from the drill hole. Thinking that this was the end of the underground work I compromised at 28 feet, but Baltzley cleaned up this round and discovered the shot had broken the bottom. The north drift now measures 29 feet, as reported by Baltzley, so I hereby authorize the payment for this other foot. The south drift was at 36 feet before the schist run occurred, as before reported. The totals for x-cut and drift footage: 14, 29, 36 = 79 feet.

s/s G. L. Neumann

Copied by zm.
cc:
Lynch
Finance Office-3
Files

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

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

8

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

RECEIVED
AUG - 5 1955

Month of June 1955 Docket No. DMEA 3257 Contract No. IDM-R673
Operator's Name W. D. and Mavos Baltzley
Address Powhatan, Virginia
Contract Amount, $ 6250.00 Government Participation: 75 % Amount, $ 4687.50

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	0	420.00	420.00		420.00	420.00
Drifting	120.	1830.00	1950.00	90.00	1830.00	1920.00
Shaft	0	3250.00	3250.00		3,250.00	3,250.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	120.00	5500.00	5620.00	90.00	5,500.00	5,590.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 7-25-55 *Payee W. D. Baltzley Mavos Baltzley
Per _____ Title _____

*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:

$ 67.50

Signature Helen R. Mullin
(Authorized Certifying Officer)

Date _____ Vou. No. _____
(See other side)

2256

(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-E673 in accordance with the terms of the contract.

Signature W. D. Miller Title Min Eng Date 7/28/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date AUG 2 1955

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

RECEIVED
AUG - 5 1955

Month of June 1955 Docket No. DMEA 3257 Contract No. XDM-2673
Operator's Name W. D. and Mavos Battley Minerals Mica
Address Powhatan, Virginia

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Foot	120.00	4	1950.00	65	30.00		
Crosscutting	Foot	0	0	420.00	14	30.00		
Raising								
Shafts	Foot	0	0	3250.00	65	50.00		
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching (bulldozing)	hr	0	0					
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		120.00		5620.00				

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 7-25-55 Operator W. D. Battley Mavos Battley

Per Title

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) W. T. Miller

See letter attached. Change $120.00 to $90.00, $1,950.00 to $1,920.00 and $5,620.00 to $5,590.00. On line marked "Drifting" change 65 to 64 under "Units to date".

W T 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

C O P Y

PIEDMONT MINING CO., INC.
Powhatan, Virginia

July 26th, 1955

RECEIVED
AUG - 5 1955

Mr. W. T. Millar,
Chief Mining Engineer
DMEA
College Park, Md.

Sub: DMEA 3257 (Mica)
Baltzley Mine #3

Dear Mr. Millar:

In order to submit the enclosed monthly report for June without any further delay, I will forward to you under separate cover my final report on DMEA 3257, Baltzley Mine #3.

The bulldozer work done on the new prospect disclosed a sizable pegmatite. Also, that the beryl is continuing down into the vein.

Mica was found in fair amounts but poor in quality.

The bulldozer work done midway between this new prospect and the main mine disclosed nothing. The small amount of Pegmatite that showed on the surface, pinched out in the bottom of the trench.

Very truly yours,

(S)W. D. BALTZLEY
W. D. Baltzley

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

RECEIVED
AUG - 5 1955

August 2, 1955

Mr. [illegible] Deltsley

Powhatan, Virginia

Re: DMA-3257, KMB-1673 (misc.)
Deltsley No. 3 Mine
Powhatan County, Virginia

Dear Mr. Deltsley:

Your June and July monthly reports and vouchers have been received in this office together with your transmittal letter to July 26 to Mr. Miller. In this letter you stated that your final report was being mailed under separate cover. Mr. Miller reports that he has not received it. We are, therefore, withholding payment on your July voucher until the receipt of that report.

On your June voucher and progress report you claimed 4 feet of drifting was done in June, which made a total of 65 feet of drifting done to date. In Mr. Neumann's report on his visit to your property on June 1 and 2, and at which time it was decided to terminate the underground work, he states that 64 feet of drifting had been done, 36 feet in the South drift and 28 feet in the North drift. It is therefore necessary for us to delete 1 foot or $30.00 from your voucher.

If you can get a statement from Mr. Neumann that 65 feet was the actual total of the drift footage we will be glad to include payment with your July or a subsequent voucher.

Very truly yours,

Robert A. Lawrence

[illegible]/am
cc:
[illegible]nch
[illegible]
[illegible]ce-3
[illegible]les

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1-0-45 FED. BLDG.
KNOXVILLE 2, TENN.

RECEIVED
JUL 28 1955

July 26, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer

From: Executive Officer, DMEA Field Team, Region V

Subject: Idm-B673, DMEA-3257, W. D. and Mavos Baltzley, Powhatan, Va.

Attached are the sale vouchers in the amount of $1,346.94, for which a check in the amount of $67.34 was mailed your office June 20, 1955.

Robert A. Laurence

RAL
cc:
Lynch
Hittendorf
Laurence

Copy

GENERAL SERVICES ADMINISTRATION, REGION IV
MICA PURCHASE DEPOT, Spruce Pine, N. C.

Initial Payment

Authorization No. EPS-4-163B Acceptance No. SPBR-51 Date: 5-9-55

Seller: W. D. Baltzley

Mine: Pauhalan, Virginia
Baltzley Mine No. 3

DMEA No. 3257, Ltr-EC73

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb	Amount
Good Stained & Better Grades No. 3 & larger					$70.00	
No. 4 and 5					$40.00	
No. 5½ and 6					$15.00	
Stained No.3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00			$ 8.00	
No. 5½ and 6		$ 3.00			$ 5.00	
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00			$ 3.00	
LOT TOTALS		//////			//////	
TOTAL		Initial Payment		2293.00	//////	$68790

Hand Cobbed Mica

Copy

GENERAL SERVICES ADMINISTRATION, REGION IV
MICA PURCHASE DEPOT, Spruce Pine, N. C. Initial Payment

Authorization No. EPS-4-1038 Acceptance No. SPBR-27 Date: 4-21-55

Seller: W. D. Baltzley
Powhatan, Virginia

Mine: Baltzley Mine No. 3

DMEA No. 3257, Idm-E 673

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb	Amount
Good Stained & Better Grades No. 3 & larger					$70.00	
No. 4 and 5					$40.00	
No. 5½ and 6					$15.00	
Stained No.3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00			$ 8.00	
No. 5½ and 6		$ 3.00			$ 5.00	
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00			$ 3.00	
LOT TOTALS		//////			//////	
TOTAL		Initial Payment		102.00	//////	306.00

Hand Cobbed Mica.

RECEIVED
JUL 26 1955

Copy

GENERAL SERVICES ADMINISTRATION, REGION IV
MICA PURCHASE DEPOT, Spruce Pine, N. C.

Authorization No. EPS-4-708A Acceptance No. AR4-1911 Date: 4-15-55

Seller: W. D. Baltzley, Powhatan, Virginia

Mine:

DMEA No. 3257 Idm-E673

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb	Amount
Good Stained & Better Grades No. 3 & larger					$70.00	
No. 4 and 5				.56	$40.00	22.40
No. 5½ and 6				4.32	$15.00	64.80
Stained No.3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		2.02	$ 8.00	16.16
No. 5½ and 6		$ 3.00		7.20	$ 5.00	36.00
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.23	$ 6.00	1.38
No. 5½ and 6		$ 2.00		.48	$ 3.00	1.44
LOT TOTALS		//////			//////	
TOTAL		/////		14.81	/////	142.18

RECEIVED
JUL 28 1955

Copy

GENERAL SERVICES ADMINISTRATION, REGION IV
MICA PURCHASE DEPOT, Spruce Pine, N. C.

Authorization No. EPS-4780A Acceptance No. AR4-1806 Date: 3-29-55

Seller: W. D. Baltzley

Mine: Powhatan, Virginia
Baltzley Mine No. 3

DMEA No. 3257, Idn-E673

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb	Amount
Good Stained & Better Grades No. 3 & larger					$70.00	
No. 4 and 5				.09	$40.00	3.60
No. 5½ and 6				2.29	$15.00	34.35
Stained No.3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		.47	$ 8.00	3.76
No. 5½ and 6		$ 3.00		7.77	$ 5.00	38.85
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00		.25	$ 6.00	1.50
No. 5½ and 6		$ 2.00		1.37	$ 3.00	4.11
LOT TOTALS		//////			//////	
TOTAL		/////		12.24	/////	86.17

RECEIVED
JUL 2 8 1955

Copy

GENERAL SERVICES ADMINISTRATION, REGION IV
MICA PURCHASE DEPOT, Spruce Pine, N. C.

Authorization No. EPS-4-780A Acceptance No. AR4-1751 Date: 3-21-55

Seller: W. D. Baltzley

Mine: Powhatan, Virginia
Baltzley Mine No. 3

DMEA No. 3257, Idm-E673

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb	Amount
Good Stained & Better Grades No. 3 & larger					$70.00	
No. 4 and 5				.25	$40.00	10.00
No. 5½ and 6				4.42	$15.00	66.30
Stained No.3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		.18	$ 8.00	1.44
No. 5½ and 6		$ 3.00		9.39	$ 5.00	46.95
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00			$ 3.00	
LOT TOTALS		//////			//////	
TOTAL		/////		14.24	/////	124.69

~~Hand Cobbed Mica~~

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

July 8, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA Field Team, Region V

Subject: Idm-3673, DMEA-3257 - Amendment No. 4, W. D. & Mavoe Baltzley, Powhatan, Va. Baltzley No. 3 Mine.

Transmitted are three signed copies of the subject Amendment No. 4. The usual distribution of the other copies has been made by this office.

Robert A. Laurence

TM
Enc.-3

Finance Office
Lynch
Neuman-Miller
Files

RECEIVED
JUL 11 1955

Report of Inspection

by

G. L. Neumann, Engineer
May 20, 1955

(The engineer was accompanied by V. J. Lynch, Bureau of Mines Member of DMEA Field Team, Region V)

Docket No. DMEA-3257 - (Mica)
Contract No. Ich-8673
Operator: W. D. & Maren Baltzley, Powhatan, Va.
Property: Jervey Farm, Baltzley No. 3 mine
Powhatan County, Va.

SUMMARY:

This contract was inaugurated to enhance the Nation's reserves of strategic mica. The work program consisted of: (1) sinking of a 5' x 7' vertical two compartment shaft to a 65-foot depth; (2) 200 feet aggregate of 5' x 7' crosscut across the pegmatite vein and drifts to the north and the south along the vein at the 60-foot level. The shaft was completed, the crosscut, 14 feet long, cut across the vein between 6 and 10 feet west of the shaft. The north drift has progressed to 25 feet and the south drift to 28 feet. The pegmatite vein in the north drift has remained about 3 feet wide. The vein in the south drift rolled to the east about 15 feet south of the shaft and then rolled back to the west to parallel the original trend. The vein pinched to about 18" wide. The mica is good quality but not as plentiful as in the opencut. The expiration date of the contract was again amended, this time to August 24, 1955.

Conclusion:

Work progress has been slow on account of numerous irritating circumstances, mostly labor troubles and attempting to make miners out of farm hands. A good workmanlike job has been safely done.

Recommendations:

It is recommended to complete the two drifts to the approximate length of 43 feet for each, thus completing the contract.

Work Completed:

The shaft and crosscut have been completed. The north drift is 60 percent and the south drift 70 percent completed. The contract should be completed within 30 days.

Progress:

Progress has been slow due to numerous irritating circumstances. The operation has been carried out safely and in a workmanlike fashion. Reports have

been regular and accurate. The mica encountered has been discouraging in that the quantity is much less, although the quality appears to be slightly better than in the opencut mining, due to its fresh unweathered condition.

G. L. Neumann

G. L. Neumann

College Park, Md.
June 7, 1955

GLNeumann

RECEIVED
JUN 1 5 1955

PLAN
BALTZLEY
No 3 MINE

APPLICATION OF

W. D. Baltzley, and
Mavos Baltzley
Powhatan, Virginia

LEGEND

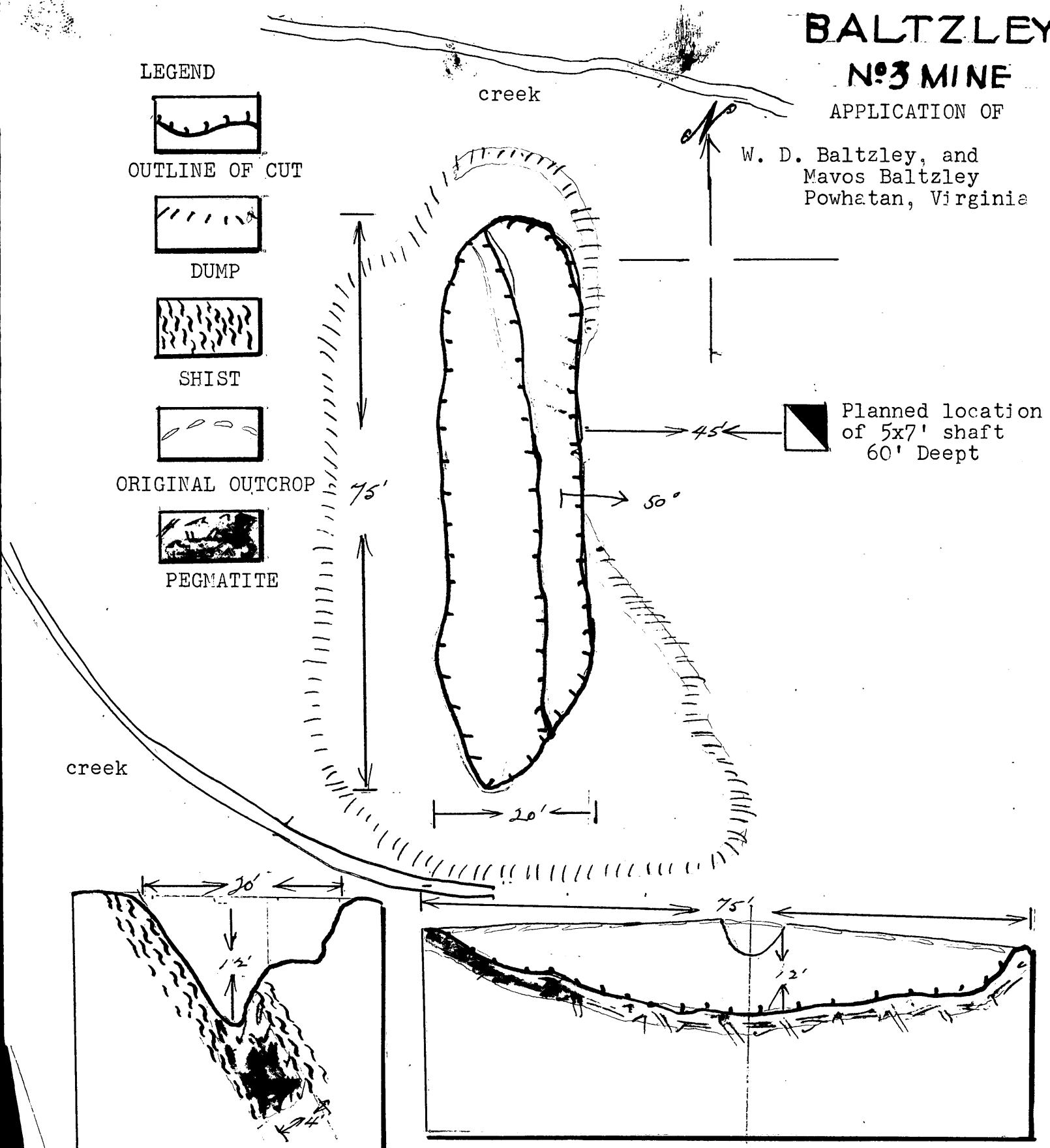
OUTLINE OF CUT

DUMP

SHIST

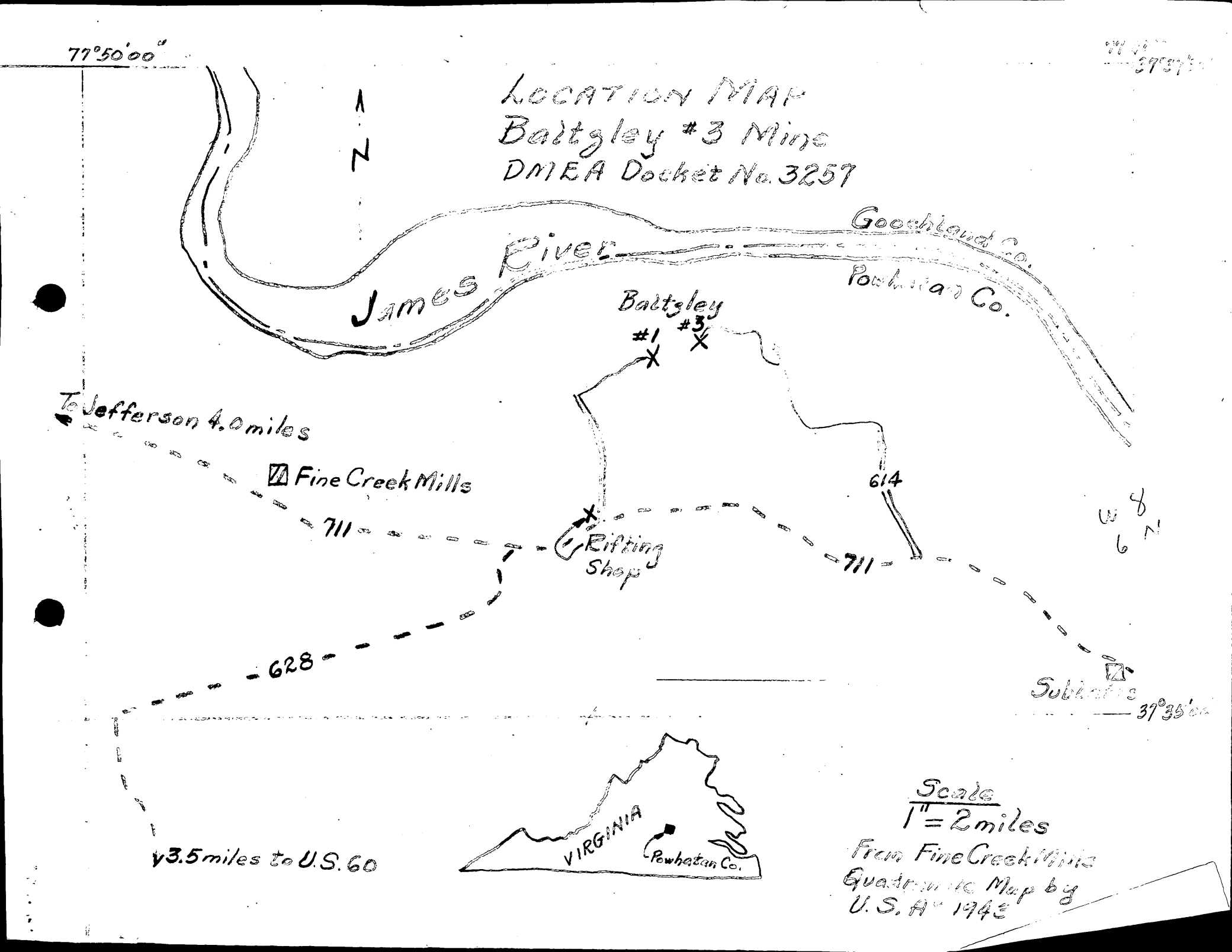
ORIGINAL OUTCROP

PEGMATITE



SS SECTION OF CUT AND VEIN

SIDE VIEW OF VEIN AND CUT SHOWING ORIGINAL OUTCROP AND PIT. CURRENTLY HALF FILLED WITH WATER


77°50'00"
37°37'30"
LOCATION MAP
Baltgley #3 Mine
DMEA Docket No. 3257
N
James River
Goochland Co.
Powhatan Co.
Baltgley
#1
#3
To Jefferson 4.0 miles
Fine Creek Mills
711
Rifting Shop
614
711
628
Subletts
37°35'00"
3.5 miles to U.S. 60
VIRGINIA
Powhatan Co.
Scale
1" = 2 miles
From Fine Creek Mills
Quadrangle Map by
U.S.A. 1942

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1035 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
JUN 22 1955

June 20, 1955

Memorandum

To: Helen Miller, Assistant Administrative Officer
Knoxville - Norris, Tennessee

From: Acting Executive Officer, DMEA Field Team, Region V

Subject: Royalty Payment - DMEA-3257, Idm-E673 (Mica)
W. D. and Mavos Baltzley, Powhatan Virginia
Baltzley No. 3 Mine, Powhatan County Virginia

Enclosed is a check in the amount of $67.34 as the Government's royalty on the sales listed in the attached letter from the subject operator. We have written the operator for copies of his sales slips.

V. J. Lynch

Enclosures 2
cc Lynch
Mittendorf
Millar - Neuman
Files

1. Original contract

Underground work

400 lb. mica

Quartz

Surface - 4 tons rock mica

100 lb. Beryl.

Field tour - accompanied. Open cut drained

Surface cut, down one lift to 17 deg.

Showing beryl & good mica

Sinking a cribbed shaft at this point -

4 lots of hand-cobbed mica sold

to Hart.

Underground - mica very poor - 5% of pay.

2. Amended contract

Quartz - North South - nothing

F.T. - mica poor and no beryl.

South South -

↑ 250 # beryl recovered

Quartz 150 " " in place

↓ Very poor mica occurrence

Field tour - Zinc pay - fair mica & good beryl.

400# - 41.# sold

4 tons - 1½ tons sold

Hand robbed

687.90
306.00

993.90

993.90

Trimmed media

142.18
86.17
124.69

353.04

225

353.04

1,346.94

29
36
65
7
455
3

12) 1365 (113
12
16
12
45

113) 3095 (27
226
835

353
27
2471
706
9,531

Arthur Quinn

Hoochland Co. 248

~~3876~~

~~3904~~

225
3
675
7
4725
1365
12) 6090 (508 tons
60
90

29
36
65
3
195
7
1365

508) 1346.94 (2.65/ton
1016
3309
3048
2610

225
3
675
50
33750 (2813 tons
12) 24
97
96
15
12
30

2.65
1406.5
16878
5626
7,454.45

75
3
225
7
12) 1575
131

1575
1365
12) 2940
245

245) 1346.94 (5
1225
2813
5
1406

225
2.5

1125
450

562
55

2810
2810
---
12) 30910
2576
2000

515200.0

500,000 lbs. mica

562
7
---
12) 3934
328
2000

65600.0

65,600 lbs.

Shaft

July 2-1-54 - 15' weathered

Sept. 1- 30' - small irregular pegmatite - weathered - [illegible] yielded 40% of good mica scrap.

Mid 400 pounds fair mica from south end of cut.

Oct. 8-54 - 55' - Musc. Schist - 40% recoverable mica of fair size.

Nov. 24 - 65'

X-Cut

Nov 24 - Hit 3½' peg. @ 8 feet on 60' level.

Below weathered zone - mica same as in open cut above

Jan. 11-55 - Contract 56 percent complete - Certification might be justified

April 6 - 16' drift in each direction from X-cut - 32' total

Mica good quality - less in quantity

Fair grade feldspar.

May 20-55 - No. Drift 25' - So. Dr. 28' - mica good quality but, not as plentiful as open cut.

June 1 - No. Drift 28' - Peg 3 ft. thick

So. Drift 36' - peg pinched to 18".

Mica on 60, better grade below weathered, but very sparse.

Accomplishment - Open Cut cleaned, where a good production of mica should ensue. Recommendation by F.T.: Remove again pick the rest of open cut and ensure if the peg [illegible] plain.

COPY
mg 6/20/55

June 16, 1955

Re: DMEA-3257, Idm-E673 (Mica)
Baltzley Mine No. 3
Virginia

Mr. Robert A. Laurence, Executive Officer
DMEA Field Team, Region V.

Dear Mr. Laurence:

In reply to your letter of June 13, 1955 I am listing below the lots of mica that were removed from the shaft and the surface of Baltzley No. 3 mine after the date of our contract May 24, 1954. The subject property was leased by W. D. Baltzley December 23, 1953 and the other sales you listed in your letter were made from mica that was removed from the deposit prior to the subject contract.

Enclosed please find check for $67.34.

Date	Lot. No.	Price	Ruby Mica
March 21, 1955	1751	124.69	Ruby mica
March 29, 1955	1806	86.17	"
April 15, 1955	1911	142.18	"
April 2, 1955	SPBR-27	306.00	Block-Initial Pay't
May 9, 1955	SPBR-51	687.90	" " "
	Total.....	$1346.94	

Very truly yours,

/s/ W. D. Baltzley

W. D. Baltzley

JUN 2 7 1955 600

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

Subject: Docket No. DMEA-3257 - Mica-Beryl
W. D. Baltzley and Mavoe Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E673

Dear Mr. Laurence:

Pursuant to your request in memorandum of June 14, 1955, we have prepared the enclosed original and five copies of Amendment No. 4 to the subject contract. If it meets with your approval, please sign it and present it to the Operators for approval and signature.

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

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

Enclosures 6

WCAnderson:pk 6/22/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5222
Mr. Houk

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

JUN 21 1955

Memorandum

To: The Administrator, DMEA
Attention: Mr. L. G. Houk

From: Acting Assistant Solicitor, Defense Minerals

Subject: Docket No. DMEA-3257, W. B. and Mavoe Baltzley
Contract Idm-2673 (mica-beryl), Amendment No. 4

As requested in Mr. Anderson's reference slip dated June 9, we have prepared the attached Amendment No. 4 in satisfactory legal form for execution, subject to the attachment of the map referred to therein prior to execution.

/S/ Henry C. Rubin
For J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

Attachments

HCRubin/emd
Copy to: DMEA Docket
Solicitor's Docket
L. G. Houk
J. L. Hofflund
H. C. Rubin
chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
ROOM POST OFFICE BLDG.
KNOXVILLE 2, TENN.
June 14, 1955

RECEIVED
JUN 16 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V, Knoxville, Tennessee

Subject: DMEA-3257, Idm-E673 (mica) W. D. & Mavos Baltzley, Powhatan, Virginia. Baltzley #3 Mine, Powhatan County, VA.

Enclosed are four copies of the latest interim report on the subject mine. Please refer also to our memorandum of June 2.

Under the revised conditions, as set forth in this interim report, it appears that the amendment requested in our June 2 memorandum can be prepared without requiring additional funds.

Therefore, we request preparation of the amendment, but providing for the $240 for bulldozing out of unused drift footage, instead of providing additional funds.

After completion of the bulldozing termination or further work under the contract. No Geological Survey representative is available now for an immediate inspection, but it is probable that Mr. Hanley can examine the mine at about the end of the month.

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

RAL/zm
cc:
Lynch
Millar -Nuemann
Files

V. J. Lynch, Member
Bureau of Mines

Report of Inspection

by
G. L. Neumann, Engineer
June 1 and 2, 1955

RECEIVED
JUN 16 1955

Docket No. DMEA-3257 - (Mica)
Contract No. Idm-E673
Operator: W. D. & Navos Baltsley, Powhatan, Va.
Property: Jervey Farm, Baltsley #3 mine
Powhatan County, Va.

Summary:

This contract was inaugurated to enhance the Nation's reserves of strategic mica. The work program consisted of: (1) sinking of a 5' x 7' vertical, two compartment shaft to a 65-foot depth; (2) 100 feet aggregate of 5' x 7' crosscut across the pegmatite vein and drifts to the north and the south along the vein at the 60-foot level. The shaft was completed, the crosscut, 14 feet long, cut across the vein between 6 and 10 feet west of the shaft. The north drift has progressed to 28 feet, 23 feet timbered, and the pegmatite vein in it is still about 3 feet wide with a meager showing of good grade mica. The south drift has advanced to 36 feet, timbered to 32 feet. The vein in this south drift took a roll to the east about 15 feet south of the shaft and the pegmatite pinched to about 18" wide. The vein then rolled back to the west onto a trend parallel to the original one and continued for about 8 feet then the vein bent to the west again back to align with the original trend thus making an offset (see sketch). The Operator, not being able to prognosticate all these twists and especially with the vein pinched to 18", got on the hanging-wall side of the vein with much of the drift. The hanging wall here is a loose unconsolidated weathered mica schist or gneiss. Much of the flow of water, which caused the Operator recently to have the power line run into the property and buy an electric pump to replace the air pump used in the shaft sinking operation, was coming from the hanging-wall side of the vein on this south side. The water proceeded to wash the unconsolidated mica schist and then the mica schist caved. The Operator attempted to stop the run without much success. The run could be stopped by spiling and close chinking but the expense would be great, much above what the Operator could stand. Furthermore, the goal would not warrant such an expenditure. The mica showing on this 60-foot level, while somewhat better in grade, being below the weathered zone, has been very sparse all through the aggregate 64 feet of drifting. The Operator now has two dams across the south drift to impede the flow, the muck is solid up to the cap of the last drift set, most of the water is coming over the top of this last set and percolates down through the back lagging. Even to work the north drift this set-up would get disturbed and the schist would start to run again.

An important accomplishment of this underground exploration has been that the opencut has been drained and is now workable throughout its length.

The Operator recently discovered an exposure of pegmatite near the southeast corner of the Jervey Farm about 1200 feet distant from the opencut and possibly on the same pegmatite structure. This outcrop showed about 10 beryl crystals, aggregating some 600 pounds, and also some fair grade mica. The Operator

has requested an amendment to this contract for 20 hours of bulldozer trenching at $12.00 an hour along this outcrop and also along another outcrop, located about midway between the opencut and this outcrop.

Conclusions:

In view of the exorbitant cost and the difficulty of operation necessary to proceed with the contract work program and the mediocre showing of mica contacted so far and with no particular evidence that the quantity or quality would improve materially, further underground work on this contract is not warranted.

The draining of the opencut by the underground exploration has made the opencut available for mining and a good production of mica should ensue.

Recommendations:

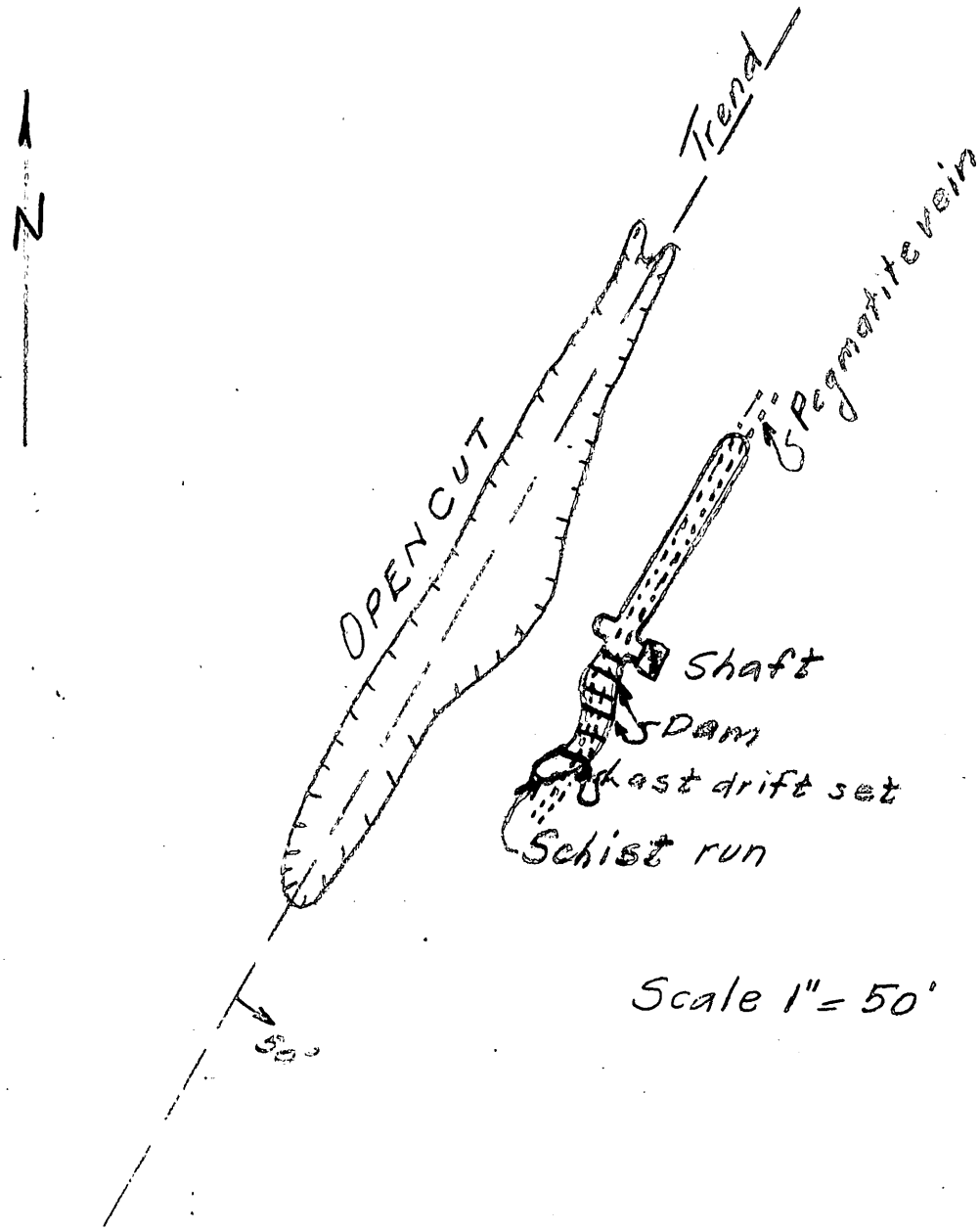
The Bureau of Mines Field Team representative recommends: that the underground work program under this contract be concluded, only 22 feet of drifting remains on the contract at a unit price of $30.00, which gives $660.00 of the original contract allowance unexpended; that the amendment for the bulldozer trenching on the two outcrops to the southwest be approved; that the Operator clean out the opencut with a bulldozer to the bottom of the mined out area and then move his gin pole rig to the bank of the opencut and mine the pegmatite vein.

G. L. Neumann

G. L. Neumann

College Park, Md.
June 7, 1955

GLN:rmm



PLAN MAP BALTZLEY #3 MINE
DMEA 3257- IdmE 673

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1 POST OFFICE BLDG.
WASHINGTON 25, D.C.
KNOXVILLE 2, TENN.

RECEIVED
JUN 15 1955

June 13, 1955

Mr. W. D. Baltzley

Powhatan, Virginia

Re: DMEA-3257, Idm-E673 (mica)
Baltzley Mine No. 3.
Virginia

Dear Mr. Baltzley:

Sales slips from the Mica Buying Depot at Spruce Pine, N. C., indicates that you have made the following sales of mica:

Date	Lot No.	Price	Ruby Mica
May 15, 1954	1422	$166.88	Ruby mica
August 17, 1954	335	225.69	"
October 18, 1954	728	147.29	"
November 2, 1954	825	142.97	"
November 22, 1954	957	121.07	"
November 29, 1954	997	108.96	"
December 17, 1954	1147	128.89	"
January 25, 1955	1368	110.66	"
February 10, 1955	1475	144.50	"
February 25, 1955	1583	21.00	"
March 21, 1955	1751	124.69	"
March 29, 1955	1806	86.17	"
April 15, 1955	1911	142.18	"
April 2, 1955	SPBR-27	306.00	Block -Initial Pay't
May 9, 1955	SPBR-51	687.90	" " "
	Total.....	$2,672.01	

If the above listed sales were made from mica produced from properties included in Contract No. Idm-E673, DMEA-3257, dated May 24, 1954, you owe the Government royalties in the amount of $133.60, (5% of $2,672.01).

Please forward a check made payable to the Defense Minerals Exploration for payment of royalties to date.

RAL/mm
cc:
Enoch
Miller
Opr. Com.
Files

Very truly yours,

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1087 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
JUN - 6 1955

June 2, 1955

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: DMEA-3257, Idm-E673 (Mica-beryl) W. D. & Mavos Baltzley, Baltzley No. 3 Mine, Powhatan County, Virginia

The Operator of the subject exploration contract has requested an amendment to the contract to provide for some bulldozer trenching to explore some newly discovered pegmatite outcrops. Four copies of a memorandum from G. L. Neumann, Bureau of Mines, recommending approval of this request, and four copies of a sketch map, are included.

Because of the small sum requested, it does not seem worthwhile to have a special examination by a Survey Geologist. Therefore, we recommend approval of an amendment to provide an additional $240 for 20 hours of dozer trenching with a D-6 bulldozer or equivalent. No provision for underground work is requested at this time, but presumably another amendment will be requested if the trenching indicates that it would be justified.

The contract has already been amended, On may 24, to extend the time for completion until August 24.

RAL/sm
cc:
Millar- Neumann
Lynch
Allsman

Allsman
Files

EXECUTIVE OFFICER
DMEA REGION V

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

C O P Y

May 25, 1955 RECEIVED

JUN - 6 1955

Memorandum

To: W. T. Millar

From: G. L. Neumann

Subject: Docket No. DMEA-3257 - (Mica-beryl)
Baltzley No. 3 Mine, Powhatan County, Va.
Contract Idm-E673

The closing date of the subject contract is May 24, 1955. W. D. Baltzley, the Operator, has requested a 30-day extension of time. I recommend that this extension be granted to July 6, 1955 (30 working days).

Also, Mr. Baltzley has applied for an amendment to perform some additional exploration on another section of the Jervey Farm property. He requests $240.00 to perform 20 hours of bulldozer trenching at $12.00 per hour.

(see sketch map).

A bulldozer trench 5 feet deep, 6 feet wide, extending 20 feet to the southwest and 80 feet to the northeast of the new discovery should establish the continuity of the pegmatite and test the mica and beryl content in this section. Another trench 5 feet deep, 6 feet wide, and 50 feet long, would accomplish this at the other indicated outcrop to the northeast. This work could readily be accomplished within the 20 hour working time with a D-6 dozer. On my recent inspection trip I looked at this pegmatite outcrop near the southeast corner of the Jervey Farm, and observed the good beryl showing. This pegmatite has the same general trend as shown in the open cut at Baltzley #3 mine and may be a continuation of it. It is probably 1200 feet southeast of the open cut. Six crystals aggregating some 300 pounds of beryl are visible in the outcrop. Indications of a fair grade of mica, very similar to that in present contract open cut, are also present in the hand-dug trench along the outcrop.

I recommend that the contract be amended to give the Operator an additional 30 days' time beyond the present contract and that the present contract be increased by $240.00 to allow for the bulldozer trenching. I think that the amount of trenching asked for will be sufficient to explore the surface showings in these sections.

s/ G. L. Neumann

COPIED by zm.
Opr. Com. -4

C O P Y

May 25, 1955

RECEIVED
JUN - 6 1955

Memorandum

To: W. T. Miller

From: G. L. Neumann

Subject: Docket No. DMEA-3257 - (Mica-beryl)
Baltzley No. 3 Mine, Powhatan County, Va.
Contract Idm-E673

The closing date of the subject contract is May 24, 1955. W. D. Baltzley, the Operator, has requested a 30-day extension of time. I recommend that this extension be granted to July 6, 1955 (30 working days).

Also, Mr. Baltzley has applied for an amendment to perform some additional exploration on another section of the Jervey Farm property. He requests $240.00 to perform 20 hours of bulldozer trenching at $12.00 per hour.

(see sketch map).

A bulldozer trench 5 feet deep, 6 feet wide, extending 20 feet to the southwest and 80 feet to the northeast of the new discovery should establish the continuity of the pegmatite and test the mica and beryl content in this section. Another trench 5 feet deep, 6 feet wide, and 50 feet long, would accomplish this at the other indicated outcrop to the northeast. This work could readily be accomplished within the 20 hour working time with a D-6 dozer. On my recent inspection trip I looked at this pegmatite outcrop near the southeast corner of the Jervey Farm, and observed the good beryl showing. This pegmatite has the same general trend as shown in the open cut at Baltzley #3 mine and may be a continuation of it. It is probably 1200 feet southeast of the open cut. Six crystals aggregating some 300 pounds of beryl are visible in the outcrop. Indications of a fair grade of mica, very similar to that in present contract open cut, are also present in the hand-dug trench along the outcrop.

I recommend that the contract be amended to give the Operator an additional 30 days' time beyond the present contract and that the present contract be increased by $240.00 to allow for the bulldozer trenching. I think that the amount of trenching asked for will be sufficient to explore the surface showings in these sections.

s/ G. L. Neumann

COPIED by sm.
Opr. Com. -4

May 25, 1955

RECEIVED
JUN - 6 1955

Memorandum

To: W. T. Millar

From: G. L. Neumann

Subject: Docket No. DMEA-3257 - (Mica-beryl)
Baltzley No. 3 Mine, Powhatan County, Va.
Contract Idm-E673

The closing date of the subject contract is May 24, 1955. W. D. Baltzley, the Operator, has requested a 30-day extension of time. I recommend that this extension be granted to July 6, 1955 (30 working days).

Also, Mr. Baltzley has applied for an amendment to perform some additional exploration on another section of the Jervey Farm property. He requests $240.00 to perform 20 hours of bulldozer trenching at $12.00 per hour.

(see sketch map).

A bulldozer trench 5 feet deep, 6 feet wide, extending 20 feet to the southwest and 80 feet to the northeast of the new discovery should establish the continuity of the pegmatite and test the mica and beryl content in this section. Another trench 5 feet deep, 6 feet wide, and 50 feet long, would accomplish this at the other indicated outcrop to the northeast. This work could readily be accomplished within the 20 hour working time with a D-6 dozer. On my recent inspection trip I looked at this pegmatite outcrop near the southeast corner of the Jervey Farm, and observed the good beryl showing. This pegmatite has the same general trend as shown in the open cut at Baltzley #3 mine and may be a continuation of it. It is probably 1200 feet southeast of the open cut. Six crystals aggregating some 300 pounds of beryl are visible in the outcrop. Indications of a fair grade of mica, very similar to that in present contract open cut, are also present in the hand-dug trench along the outcrop.

I recommend that the contract be amended to give the Operator an additional 30 days' time beyond the present contract and that the present contract be increased by $240.00 to allow for the bulldozer trenching. I think that the amount of trenching asked for will be sufficient to explore the surface showings in these sections.

s/ G. L. Neumann

COPIED by xm.
Opr. Com. -4

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

RECEIVED
JUN - 6 1955

June 3, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region 5, Knoxville, Tenn.

Subject: DMEA-3257, Idm-E673 (mica-beryl) W. D. & Mavos Baltzley
Baltzley No. 3 Mine, Powhatan County, Virginia

Transmitted are four copies of a letter from Mr. Baltzley, operator of the subject contract, to Mr. Millar, Chief Mining Engineer, College Park, Maryland, which should have been attached to my memo to you dated June 2, along with Mr. Neumann's memo and the sketch maps.

Robert A. Laurence

ZM.

C
O
P
Y

RECEIVED
JUN - 6 1955

PIEDMONT MINING COMPANY, INC.
Powhatan, Virginia

May 19, 1955

Mr. W. T. Millar
Chief Mining Engineer
DMEA
College Park, Maryland

Subj: DMEA-3257 (Mica)
Baltzley Mine #3

Dear Mr. Millar:

On May 24th when this contract ends I estimate we will be twenty-five feet short of completing the drifting. At present we have approximately thirty-five feet of the drifting uncompleted.

The operation here was resumed around the first of May and I expect it will continue smoothly however, it now appears that the time element involved will be insufficient. I believe this remaining drift can be finished with an additional two weeks added to the contract time. To be on the safe side I would like to request an amendment to the contract allowing us an additional month to complete the project.

On the extreme opposite end of this approximate seventy acre tract of land covered by the contract, there occurs a prominent quartz rib (pegmatite). This quartz rib strikes in the same general direction and appears to be more or less lined up with the vein at Baltzley #3. This same quartz rib outcrops for approximately forty feet across the surface and is approximately four feet wide. The rib of quartz appears to be especially rich with beryl. After a couple hours work we recovered in the neighborhood of three hundred pounds of beryl. There are numerous crystals measuring eight inches in diameter that were left in the solid rock. The full width of the pegmatite has not yet been determined. Toward the end of the two hours work on this deposit we began to find a flat unstained but small ruby mica.

Mr. Lynch and Mr. Neumann looked over this deposit when they visited here this morning. I asked them of the possibilities of getting an amendment to my contract that would include my estimated need of twenty hours bulldozing to test this deposit by running a trench along the west side of the rib of quartz. They made helpful suggestions as to the procedure.

The bulldozer that I use here is a caterpillar six and the rate on this equipment is $12.00 an hour.

The distance between this deposit and the one at Baltzley mine #3 is approximately one third of a mile.

Sincerely yours,

/s/ W. D. Baltzley
W. D. Baltzley

C
O
P
Y

PIEDMONT MINING COMPANY, INC.
Powhatan, Virginia

RECEIVED
JUN - 6 1955

May 19, 1955

Mr. W. T. Miller
Chief Mining Engineer
DMEA
College Park, Maryland

Subj: DMEA-3257 (Mica)
Baltaley Mine #3

Dear Mr. Miller:

On May 24th when this contract ends I estimate we will be twenty-five feet short of completing the drifting. At present we have approximately thirty-five feet of the drifting uncompleted.

The operation here was resumed around the first of May and I expect it will continue smoothly however, it now appears that the time element involved will be insufficient. I believe this remaining drift can be finished with an additional two weeks added to the contract time. To be on the safe side I would like to request an amendment to the contract allowing us an additional month to complete the project.

On the extreme opposite end of this approximate seventy acre tract of land covered by the contract, there occurs a prominent quartz rib (pegmatite). This quartz rib strikes in the same general direction and appears to be more or less lined up with the vein at Baltaley #3. This same quartz rib outcrops for approximately forty feet across the surface and is approximately four feet wide. The rib of quartz appears to be especially rich with beryl. After a couple hours work we recovered in the neighborhood of three hundred pounds of beryl. There are numerous crystals measuring eight inches in diameter that were left in the solid rock. The full width of the pegmatite has not yet been determined. Toward the end of the two hours work on this deposit we began to find a flat unstained but small ruby mica.

Mr. Lynch and Mr. Neumann looked over this deposit when they visited here this morning. I asked them of the possibilities of getting an amendment to my contract that would include my estimated need of twenty hours bulldozing to test this deposit by running a trench along the west side of the rib of quartz. They made helpful suggestions as to the procedure.

The bulldozer that I use here is a caterpiller six and the rate on this equipment is $12.00 an hour.

The distance between this deposit and the one at Baltaley mine #3 is approximately one third of a mile.

Sincerely yours,

/s/ W. D. Baltaley
W. D. Baltaley

C
O
P
Y

PIEDMONT MINING COMPANY, INC.
Powhatan, Virginia

RECEIVED
JUN - 6 1955

May 19, 1955

Mr. W. T. Miller
Chief Mining Engineer
DMTA
College Park, Maryland

Subj: DMEA-3257 (Mica)
Baltaley Mine #3

Dear Mr. Miller:

On May 26th when this contract ends I estimate we will be twenty-five feet short of completing the drifting. At present we have approximately thirty-five feet of the drifting uncompleted.

The operation here was resumed around the first of May and I expect it will continue smoothly however, it now appears that the time element involved will be insufficient. I believe this remaining drift can be finished with an additional two weeks added to the contract time. To be on the safe side I would like to request an amendment to the contract allowing us an additional month to complete the project.

On the extreme opposite end of this approximate seventy acre tract of land covered by the contract, there occurs a prominent quartz rib (pegmatite). This quartz rib strikes in the same general direction and appears to be more or less lined up with the vein at Baltaley #3. This same quartz rib outcrops for approximately forty feet across the surface and is approximately four feet wide. The rib of quartz appears to be especially rich with beryl. After a couple hours work we recovered in the neighborhood of three hundred pounds of beryl. There are numerous crystals measuring eight inches in diameter that were left in the solid rock. The full width of the pegmatite has not yet been determined. Toward the end of the two hours work on this deposit we began to find a flat unstained but small ruby mica.

Mr. Lynch and Mr. Neumann looked over this deposit when they visited here this morning. I asked them of the possibilities of getting an amendment to my contract that would include my estimated need of twenty hours bulldozing to test this deposit by running a trench along the west side of the rib of quartz. They made helpful suggestions as to the procedure.

The bulldozer that I use here is a caterpillar six and the rate on this equipment is $12.00 an hour.

The distance between this deposit and the one at Baltaley mine #3 is approximately one third of a mile.

Sincerely yours,

/s/ W. D. Baltaley
W. D. Baltaley

RECEIVED
JUN - 3 1955

P. O. Box 217
June 1, 1955

Memorandum

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

From: Administrative Assistant, Electrotechnical Experiment Station, Norris, Tennessee

Subject: Monthly reports and vouchers

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

Idm-E-673 — W. D. and Mavee Baltzley
DMEA Docket No. 3257
6th payment - month of May
Amount $675.00

Idm-E-754 — Virginia Mining Corporation
DMEA Docket No. 3507
3rd payment - month of April
Amount $1711.50

Idm-E-759 — Burleson and Keller Mining Company
DMEA Docket No. 3574
4th and final payment - month of May
Completion Date: 5/18/55
Amount $656.25

Helen R. Miller

Attachments 6
/hbm
Copies to R. A. Laurence
V. J. Lynch
Norris files
Day Files

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 65

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1955 Docket No. DMEA 3257 RECEIVED Contract No. IDM-B673
Operator's Name V. D. and Mavos Baltzley Minerals Mica
Address Powhatan, Virginia JUN - 3 1955
Contract Amount, $ 6250.00 Government Participation: 75 % Amount, $ 4687.50

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	0	420.00	420.00			
Drifting	900.00	930.00	1830.00			
Shaft	0	3250.00	3250.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	900.00	4600.00	5500.00	900.00	4600.00	5500.00

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

Date 5-24-55 *Payee V. D. Baltzley Mavos Baltzley

Per _____ Title _____

*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:

$ 675.00

Signature Helen R. Muller
(Authorized Certifying Officer)

Date 6-1-55 Vou. No. _____
(See other side)

225.00

(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 E673 in accordance with the terms of the contract.

Signature [illegible] Title Mining Eng. Date 5/25/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

EXECUTIVE OFFICER

Signature Robert A. Lawrence Title DMEA REGION V Date MAY 27 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN - 3 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1955 Docket No. DMEA 3257 Contract No. 1[illegible]-2073
Operator's Name W. D. and Marvos Baltzley Minerals Lead
Address Powhatan, Virginia

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	Foot	900.00	30	1830.00	61	30.00	100	30.00
Crosscutting	Foot	0	0	420.00	14	30.00	00	30.00
Raising								
Shafts	Foot	0	0	2250.00	65	30.00	65	30.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		900.00		9500.00				

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 5-24-55 Operator W. D. Baltzley Marvos Baltzley

Per Title

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

C
O
P
Y

RECEIVED
JUN - 3 1955

Powhatan, Virginia
May 24, 1955

Mr. W. T. Millar
Supervising Mining Engineer
Bureau-Survey Field Team
DMEA, Region V

Subject: DMEA-3257 (Mica)
W. D. & Mavos Baltzley

Dear Mr. Millar:

Progress to date amounts to the following:-

X-cut completed at 14 feet
Drift to N - 33 feet - pegmatite 3 ft. wide
Mica content - remaining poor
Mica grade - good

Drift to S - 28 feet, pegmatite 1 & 1/2 ft.
Mica content - remaining poor
Mica grade - good

The vein has continued pretty much unchanged since it was first entered into.

Sincerely Yours,

/s/ W. D. Baltzley
W. D. Baltzley

June 3, 1955

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 3 - Docket No. DMEA-3257 - Mica
W. D. Baltzley and Mavos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E673

The Nonmetallic Minerals Division concurs in Amendment No. 3 to the subject contract as written and executed in the field. The time for completion of the contract is extended from May 24, 1955 to August 24, 1955.

This amendment is necessary to give the Operators sufficient time to complete the project, which is in the Government's interest. The Operators were delayed by labor difficulties which are now overcome.

/S/

Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 6/3/55
Copy to: Admr. R. File
Mr. Houk

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
JUN - 2 1955

May 31, 1955

Memorandum

To: Operating Committee, DMEA, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region V

Subject: Amendment No. 3, DMEA-3257, Idm-E673 (Mica)
W. D. and Mavos Baltzley, Powhatan, Virginia
Baltzley Prospect, Powhatan County, Virginia

Enclosed are the Government, Division, and Docket copies of the subject amendment, providing an additional three months' time for completion of the project. Usual distribution of the other copies has been made.

Robert A. Laurence

RAL/mg
Enclosures 3

cc
Lynch
Finance Office
Files
Millar

Oper. Comm.

Region V

P. O. Box 217
May 6, 1955

Memorandum

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

From: Administrative Assistant, Electrotechnical Experiment Station, Region V, Morris, Tennessee

Subject: Monthly report and voucher

We are enclosing two copies of the following monthly report and voucher:

Idm-E-673 W. D. and Mavoe Baltzley
DMEA Docket No. 3257
No work performed during April

Helen R. Miller

Attachments 2
/hhm
Copies to R. A. Laurence
V. J. Lynch
Morris files
Day Files

COPY

April 29, 1955

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

Sub: Docket DMEA-3257 -(Mica)
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E675

Dear Mr. Millar:

Labor difficulties have made an early resumption of underground work impossible however, this problem at present appears to be settled. I intend to continue with the project at once.

Very truly yours,

/s/ W. D. Baltzley
W. D. Baltzley

WIB/mb

RECEIVED
MAY 5 1955
U.S. DEPARTMENT OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

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

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

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

Month of April, 1955 Docket No. DMEA 3257 Contract No. IDA-3 073
Operator's Name W. D. and Mavoe Baltzley Minerals Mica
Address Powhatan, Virginia
Contract Amount, $6250.00 Government Participation: 75 % Amount, $4687.50

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	0	420.00	420.00			
Drifting	0	930.00	930.00			
Shaft	0	3250.00	3250.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	0	4600.00	4600.00		4600.00	4600.00

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

Date 4-28-55 *Payee W. D. Baltzley Mavoe Baltzley

Per _____ Title _____

*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:

$ —

Signature _____
(Authorized Certifying Officer)

Date _____ Vou. No. _____

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm E673 in accordance with the terms of the contract.

Signature [illegible] Title Mining Eng. Date 5-3-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature V. J. Lynch ACTING Title EXECUTIVE OFFICER DMEA REGION V Date MAY 5 1955

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.

U. S. GOVERNMENT PRINTING OFFICE 205675

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 April 1953 Docket No. DMEA 5257 Contract No. [illegible] 673
Operator's Name W. D. and Mavos Baltzley Minerals [illegible]
Address Owhoton, Virginia

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	Foot	0	0	930.00				
Crosscutting	Foot	0	0	420.00				
Raising	Foot	0	0	3250.00				
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		0		4600.00				

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 4-28-53 Operator W. D. Baltzley Mavos Baltzley

Per _____ Title _____

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) G Herman

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.

RECEIVED
MAY 5 1955
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

GPO 83-38475

Strategic Minerals Stockpiling
RECEIVED
APR 13 1955

Report of Inspection

DMEA Docket No. 3257 - (Mica)
Operator: W. D. & Mayes Baltzley, Powhatan, Va.
Property: Baltzley #3 mine (Jersey Farm), Powhatan County, Va.
Contract No. Idm-2673

Visited March 31 and April 1, 1955 by G. L. Neumann.

Summary: The object of this project was to enhance the reserves of strategic mica and to test the mica content of this pegmatite vein as to quantity and quality below the weathered zone. The work program consists of a vertical 5 x 7 shaft, located 50 feet to the east (hanging wall side) of the center section of the open cut, from which considerable good grade mica had previously been mined. This shaft was to go to a depth of 65 feet and a level established at 60 feet. An aggregate of 100 feet of crosscut E and W and drifting N and S was to be driven. The shaft has been completed, a 14-foot crosscut across the pegmatite was driven at the 60-foot level and the drifts were started to the north and south along the trend. Both drifts have now progressed approximately 16 feet each. The mica is unweathered, and is less stained than in the open cut. Some warping is evident. The trimmings are small. The quality of mica is considerably less than in the open cut. The pegmatite still averages about 3 feet in width. Some fair grade feldspar might be recoverable if there were a local market. The recently installed electric pump handles the water flow nicely. The Operator is still experiencing labor difficulties. This contract is scheduled through Amendment No. 2 to end May 24, 1955.

Conclusion: The showing to date has been fair on account of the improved quality but somewhat discouraging due to the diminished quantity of the mica.

Recommendations: No changes in the work program are necessary. Both drifts should be continued to the completion of the contract allowable maximum approximately 27 feet each. This should still be accomplished in the time allotted on the project.

Statement of Work Completed: 5' x 7' - two compartment shaft 65 feet deep completed. 5' x 7' crosscut to west 14 feet long completed. 5' x 7' drift to north 15 feet completed. 5' x 7' drift to south 17 feet completed. Work remaining: 5' x 7' drift to north 28 feet; 5' x 7' drift to south 26 feet; total 54 feet.

Comments: The progress of this project has been slow, chiefly on account of many minor irritations encountered, and labor troubles. The work completed has been done in a workmanlike fashion. The Operator's monthly reports have been on time and accurate. Some of the mica, encountered in the drifting, has been trimmed but none sold. An accurate accounting will be kept when sales are made. The mica appears of a better quality, but not so plentiful as that from the previously mined open cut in the weathered zone. The drift to the south of the crosscut got a little off of the pegmatite vein to the footwall side. The Operator will correct this error.

College Park, Md.
April 6, 1955

/s/ G. L. Neumann

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 7 1955

Region V

P. O. Box 217
April 5, 1955

Memorandum

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

From: Administrative Assistant, Electrotechnical Experiment Station, Morris, Tennessee

Subject: Monthly reports and vouchers

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

Idm-E-673 — W. D. and Mavos Baltzley
Powhatan, Virginia
DMEA Docket No. 3257
7th payment - month of March
Amount $517.50

Idm-E-737 — A. Ward
DMEA Docket No. 3469
4th payment - month of March
Amount $375.00

Helen R. Miller

Attachments 4
/hbm
Copies to R. A. Laurence
V. J. Lynch
Morris Files
Day Files

C
O
P
Y

Minerals Administration
RECEIVED

Powhatan, Virginia
March 28, 1955

Mr. W. T. Millar
Supervising Mining Engineer
Bureau-Survey Field Team
DMEA, Region V

Subject: - DMEA-3257 (Mica)
W. D. & Mavos Baltzley

Dear Mr. Millar:

There follows below a narrative summary report of the progress to date.

X-cut completed at 14 feet
Drift to N - 14 feet - pegmatite 3-1/2 ft. wide
mica content - improving from poor to fair
mica grade - good

Drift to S - 17 feet - pegmatite 3-1/2 to 2 ft. wide
mica content - poor
mica grade - good

Although the pegmatite for the most part has been hard, at places rather shelly, the country rock on the foot wall has been very soft and cavey. The hanging wall is fairly solid.

Working toward the north now the country rock as well as the vein are some what more solid. At this northern most point where the mica content appears to be increasing, there is occurring for the first time, in the center of the vein, sizeable portions of quartz.

The drifting operation to date has used slightly less than one case of dynamite.

Mica produced from this operation to date has amounted to roughly two hundred pounds mine run. It appears that this mica will average around 10% trimmed sheet.

Very truly yours,

/s/ W. D. Baltzley
W. D. Baltzley

TF-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

PAID ON VOUCHER & SCHEDULE
52

OPERATOR'S MONTHLY REPORT AND VOUCHER

DEPARTMENT OF THE INTERIOR
Defense Minerals
RECEIVED
APR 7 1955

Month of March, 1955 Docket No. DMEA 3254 Contract No. IDM-5673
Operator's Name W. D. and Mavor Baltzley Minerals Mica
Address Powhatan, Virginia
Contract Amount, $6250.00 Government Participation: 75% Amount, $4687.50

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	0	420.00	420.00			
Drifting	690.00	240.00	930.00			
Shaft	0	3250.00	3250.00			
(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						
Contingencies (specify):						
TOTALS	690.00	3910.00	4600.00	690.00	3910.00	4600.00

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

3-28-55 *Payee W. D. Baltzley Mavor Baltzley

Title

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

Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false 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:

$ 517.50

Signature Helen R. Miller
(Authorized Certifying Officer)

Date 4-5-55 Vou. No.
(See other side)

172.50

(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. I dm-E673 in accordance with the terms of the contract.

Signature W. T. Millar Title Suprv. Mng. Eng. Date 3/31/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date APR 4 1955

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 un
price contracts on Form MF-200 (A
quired to be supported by do
Operator will submit his cl
MF-104 by deleting as stated
and by showing the number of
after the appropriate descriptiv
dozing, crosscutting, drifting, et
Total" amount due. "Totals
"Totals to Date" columns should

Per
*When a vouc
the company or co
Doe Company per
NOTE.—Th
false statement or repre
jurisdiction.

Form MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR - 7 1955

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

Month of March 1955 Docket No. DMEA 3257 Contract No. [illegible]-3673
Operator's Name W. D. and Mavon Baltzley Minerals Mica
Address Powhatan, Virginia

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Foot	690.00	23	930.00	31	30.00	100	30.00
Crosscutting	Foot	0	0	420.00	14	30.00		30.00
Raising								
Shafts	Foot	0	0	3250.00	65	50.00	65	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		690.00		4600.00				6250.00

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 3-28-55 Operator W. D. Baltzley Mavon Baltzley

Per Title

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

MF-104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

Department of the Interior
Defense Minerals Administration
RECEIVED
MAR 14 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1954 Docket No. DMEA 3257 Contract No. Idm-F673
Operator's Name W. D. & Marvin Baltzley Minerals Mica
Address Powhatan, Virginia
Contract Amount, $ 6250.00 Government Participation: 75 % Amount, $ 4687.50

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	None	240.00	240.00			
Drifting						
Shafts	None	3250.00	3250.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	None	3490.00	3490.00			

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

Date 3-2-55 *Payee W. D. Baltzley Marvin Baltzley

Per _____ Title _____

*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:

$_____

Signature _____
(Authorized Certifying Officer)

Date _____ Vou. No. _____
(See other side)

No work performed

(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 E673 in accordance with the terms of the contract.

Signature [signature] Title Mining Eng. Date

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Title Date

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.

MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 14 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 195 4 Docket No. DMEA 3257 Contract No. I dm-E673
Operator's Name W. D. & Mavos Baltzley Minerals Mica
Address Powhatan, Virginia

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	Foot		None	240.00	8	30	100	30.00
Raising								
Shafts	Foot		None	3250.00	65	50	65	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs				3490.00				6250.00

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 3-2-55 Operator W. D. Baltzley Mavos Baltzley

Per Title

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 872894

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 8 - 1955

P. O. Box 217
March 3, 1955

Memorandum

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

From: Administrative Assistant, Morris-Knoxville Stations

Subject: Monthly Reports and Vouchers

We are enclosing two copies of the following monthly report and voucher:

Ida-E-673 W. D. & Myrna Baltzley
DMEA Docket No. 3257
6th payment - month of February
Amount $315.00

Helen R. Miller

Attachments 2
/hm
Copies to R. A. Laurence
V. J. Lynch
Morris Files
Day Files

04 (Rev.)
052)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE
CONPAYMENTS K-
42

OPERATOR'S MONTHLY REPORT AND VOUCHER

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 8 - 1955

Month of [illegible], 1955 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $[illegible] Government Participation: 25 % 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	100.00	240.00	420.00			
Drifting	240.00	0	240.00			
[illegible]	0	3250.00	3250.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	420.00	3490.00	3910.00	420.00	3,490.00	3,910.00

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

Date 2-28-55 *Payee N. D. Baltzley Manas Baltzley

Per _____ Title _____

*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:

$ 315.00

Signature Helen R. Mullin
(Authorized Certifying Officer)

Date 3-3-55 Vou. No. _____
(See other side)

105.00

(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 5673 in accordance with the terms of the contract.

Signature [illegible] Title Mining Eng. Date 2/28/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

W.T.M. ACTING EXECUTIVE OFFICER

Signature [illegible] Title DMEA REGION V Date MAR 2 1955

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

IF-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
MAR 8 = 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible], 1952 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	[illegible]	240.00	8	240.00	8	30.00	100	30.00
Crosscutting	[illegible]	180.00	6	420.00	14	30.00	[illegible]	30.00
Raising								
Shafts	[illegible]	0	0	[illegible]	65	30.00	65	30.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								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 2-23-55 Operator W. D. Baltzley Thomas Baltzley

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

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

Remarks:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
Administration
MAR 3 - 1955

C
O
P
Y

February 26, 1955

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

Sub: Docket No. DMEA-3257 (Mica)
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E673

Dear Mr. Millar:

Work on the subject contract resumed February 14, 1955. Since that time we have carried the eight foot cross-cut an additional six feet. Midway in the cross-cut we are drifting north and south on the three foot thick dike that dips through the country rock at this point. The north and south drifts to this date measure four feet each.

The mica recovered thus far is the same quality as that found on the surface although it is cleaner but not quite as plentiful at this point.

Our new pumping arrangement is performing very well and with its welcome assistance I hope to be able to show a good progress report for the coming month.

Very truly yours,

/s/ W. D. Baltzley
W. D. Baltzley

mb/WDB

DMEA
Summary Report
December 31, 1954

Operator:	W. D. Baltzley & Mavom Baltzley
Address:	Fine Creek Mills, Virginia
Mine & Location:	Baltzley No. 3 Mine, Powhatan County, Va.
Docket No.:	DMEA-3257
Contract No.:	Idm-E673
Commodity:	Mica
Total Cost:	$6,250.00
Government Participation:	$4,687.50 - 75%
Duration of Contract:	May 24, 1954 to May 24, 1955 (Amended)

The purpose of this project is to explore for strategic mica by sinking a 65-foot vertical, 5 x 7 foot shaft and at the 60-foot level driving an aggregate of 100 feet of drift and crosscut.

Exploration was started June 14, 1954.

The shaft was completed and a crosscut driven on the 60-foot level for a distance of 8 feet to cross the pegmatite vein. The vein appears to be very similar to that in the open pit above in mica content but shows less weathering. A heavy flow of water was encountered from the vein and the Operator was unable to handle the flow with the air pump used in sinking. He has made a contract with R. E. A. to put in electric power and has obtained an electric pump of suitable capacity.

This contract since commencing, has been harassed by numerous interruptions. The expiration date on the contract has been amended to May 24, 1955.

600

January 17, 1955

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 2 - Docket No. [illegible]-3257 - Mica
W. D. Baltzley and Marvos Baltzley
Baltzley No. 3 Mine
Fauquier County, Virginia
Contract No. Idm-2673

The Nonmetallic Minerals Division concurs in Amendment No. 2 to the subject contract as written and executed in the field. The time for completion of the project is extended from January 24, 1955, to May 24, 1955.

This amendment is justified because of operating delays caused by circumstances beyond the control of the Operator.

/s/
Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:ad 1/17/55
Copy to: Admr. R. File
Mr. Houk

C
O
P
Y

November 26, 1954

Subject: DMEA 3257 (Mica)
W. D. & Mavos Baltzley

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

Dear Mr. Millar:

Work on the project has temporarily been stopped until our old pump can be replaced with a new one which I expect will be around the first of December.

Respectfully Yours,

/s/ W. D. Baltzley
W. D. Baltzley

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 9 1954

Month of November, 1954 Docket No. DMEA 2257 Contract No. [illegible]
Operator's Name W. D. and Marvas Baltzley Minerals Mica
Address [illegible], Virginia
Contract Amount, $[illegible] Government Participation: 75 % 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	240.00	-	240.00			
Drifting						
Shaft	90.00	[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						
(8) Contingencies (specify):						
TOTALS	[illegible]	[illegible]	[illegible]			

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

Date 11-27-54 *Payee W. D. Baltzley + Marvas Baltzley

Per _____ Title Operators

*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:

$ 367.50

Signature F. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 12-8-54 Vou. No. DMEA-71

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. IdmE673 in accordance with the terms of the contract.

Signature [illegible] Title Mining Eng Date 11/30/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. T. Miller Title Executive Officer Date 11/30/54

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

Defense Minerals Administration
RECEIVED
DEC - 8 1954

xxxxxxxxxxxxxxxxxx
College Park, Maryland

December 7, 1954

Mr. W. D. Baltzley

Pine Creek Falls, Virginia

Subject: Docket No. DMEA 3257 (Mica)
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-1673

Dear Mr. Baltzley:

Receipt of the corrected Form NF-104A for the month of November is hereby acknowledged.

We are sorry to hear that you have encountered additional water flow in your cross-cut and that your present pumping facilities are inadequate. We hope that you will soon overcome the conditions and be able to resume the exploration.

Under such circumstances an extension of time to complete the authorized work is considered justified. If you find that the work cannot be completed on or before January 24, 1955, please request an extension of time at an early date in order that an amendment can be prepared before the expiration date of the amended contract, to avoid further delay.

Very truly yours,

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

WTMillar:rcs

cc: GeoCSelfridge (2)
DMEA (2)

COPY

December 1, 1954

Subject - DMEA 3257 (Mica)
W. D. & Mavos Baltzley

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

Dear Mr. Millar:

Thank you for your letters of November 29 and 30. Enclosed is a corrected form MF-104A for the monthly report of November as you requested.

In the vein area located in the crosscut at the sixty foot level a strong flow of water was contacted. After several days trial I find that my pumping arrangment and equipment is inadequate. The operation remains as it did at the end of the November report.

I have contacted the electric power company and requested power be supplied to the mine. An engineer is to survey the request for power.

With the situation being as it is at the moment, the additional time period does not look good. If needed can there be another extension of time?

Respectfully yours,

(S) W. D. BALTZLEY

W. D. Baltzley

DMEA
Field Inspection Report
by
G. L. Neumann, Engineer

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC - 2 1954

DMEA Docket No. 3257 - (Beryl, Strategic Mica
Operator: W. D. & Mavos Baltzley, Powhatan, Virginia
Property: Baltzley No. 3 Mine (Jervey Farm)-Powhatan County, Va.
Contract No. Idm-E673

Visited November 24, 1954

Summary:

This contract was to increase the reserves of beryl and strategic mica and to test the grade of these reserves below the weathered zone.

The authorized work consists of a 65-foot vertical, 5' x 7', two compartment shaft, located 45 feet east of the open cut on the pegmatite deposit, which dips to the east at 50°, and an aggregate of 100 feet of crosscutting and drifting. The shaft has been completed to the 65-foot depth and a level was cut at 60 feet. The pegmatite hit the shaft at a depth of 64 feet. A crosscut 8 feet long has been driven to the west from the hoisting compartment across the vein.

Conclusions:

The pegmatite vein at the 60-foot level is 4 feet west of the shaft and is 3½ feet wide. It appears to contain mica of equal quantity and quality to that mined in the open cut.

Recommendations:

It is recommended that the work proceed without delay. Drifting along the trend of the vein should be started immediately.

Statement of Work Completed:

The sinking of the 65-foot vertical shaft has been completed. A level was started at a depth of 60 feet. A crosscut was driven about 8 feet to the west from the hoisting compartment of the shaft. This crosscut hit the hanging wall at approximately 4 feet and the footwall at 8 feet. The vein appears to be below the weathered zone and from tests appears to contain mica in about the same quantity and of an equal quality, as that which has been mined, trimmed, and sold from the opencut mining above.

Comments on Progress Made:

The progress on this project has been rather slow. The operator was beset by many and various irritating developments. He first had a crew

of experienced mica miners from the Spruce Pine, North Carolina district. These men love to mine mica but do not care for exploration at all, they must be able to see mica in the workings, they went back to North Carolina. Many other nuisances occurred, mostly with the labor crew but the operator plodded on and completed a very nice shaft and started the level. Considerable difficulty has also been experienced in handling the water inflow. A workmanlike efficiency has prevailed. The operator's Monthly Reports have been satisfactory. The shaft was sunk in a muscovite schist, which was badly weathered for about 40 feet, then tightened up by degrees and was very firm at 60 feet. Several pegmatite stringers were cut in the shaft. The pegmatite vein came into the shaft at a depth of 64 feet. It appears fresh and firm. The mica still occurs on both walls of the vein and from preliminary tests holds about the same ratio with the feldspar and graphic granite constituents as it did in the surface mining. Also, the mica appears to be less stained than that at the surface.

/s/ G. L. Neumann

College Park, Md.
December 1, 1954

GLN:rwa

copies for Mr. Selfridge - Orig. & 3
FRKantner, Fin. Off., Reg. 8
QDSingewald, USGS
DMEA Files - 2

November 17, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 1 - Docket No. DMEA-3257 - Mica
W. D. Baltzley and Mavos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E673

The Nonmetallic Minerals Division concurs in Amendment No. 1 to the subject contract as written and executed in the field. The time for completion of the project was extended from October 5, 1954, to January 5, 1955.

This amendment is necessary because of operating delays caused by circumstances beyond the control of the Operator.

/S/
Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 11/17/54
Copy to: Admr. R. File
Mr. Houk

04 (Rev.)
2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration
RECEIVED
NOV 3 - 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1954 Docket No. DMEA 3657 Contract No. [illegible]-2673
Operator's Name [illegible] Minerals [illegible]
Address [illegible], Virginia
Contract Amount, $ 6000.00 Government Participation: 75 % Amount, $ 4687.50

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]	500.	4500.	5000.			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	500.	4500.	5000.			

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

Date 10-26-54 *Payee W. D. Baltzley or Manus Baltzley

Per _____ Title Co-owners

*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:

$ 375.00

Signature F. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 11/1/54 Vou. No. DMEA-68
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 673 in accordance with the terms of the contract.

Signature Fred M Murphy Title Mining Eng. Date Oct 29, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. O. Miller Title Executive Officer Date 10/29/54

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

F-104A
(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
NOV 3 - 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible] 1954 Docket No. DMEA 3237 Contract No. [illegible]73
Operator's Name [illegible] Minerals [illegible]
Address [illegible]

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting							100	$30.00
Crosscutting								
Raising								
Shafts	[illegible]	[illegible]	10	[illegible]	05	[illegible]	05	[illegible]
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								$6,250
TOTAL COSTS		[illegible]	10	[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 10-20-54 Operator W. D. Baltzley Marvin Baltzley

Per Title Co-owner

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

COPY

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 8 1954

October 26, 1954

Subject - DMEA 3257 (Mica)
R. D. & Davos Baltzley

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

Dear Mr. Millar:

Our shaft here is slowly coming to the point of completion. The present depth being sixty feet with five more feet to go.

Aside from the machinery breakdown, reported to Mr. Newmann earlier this month, we have here a mild water problem. The flow is of such proportions as to cause the water to fill with-in fourteen feet of the top of the shaft, after standing for a period of twenty-four hours.

After our sump is established and we begin crosscutting this water problem should be minimized.

Most of the material at the bottom of the shaft now requires shooting. The type of material is unchanged from that of last months report.

Respectfully yours,

(S) R. D. Baltzley
R. D. Baltzley

[redacted]

[redacted]

Lease Claims Admin.
RECEIVED
NOV 3 – 1954

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

DMEA
Field Inspection Report
by
G. L. Neumann, Engineer
October 8, 1954

OCT 12 1954

DMEA Docket No. 3257 - (Strategic Mica, Beryl)
Operator: W. P. & Mavos Baltzley
Powhatan, Virginia
Property: Baltzley No. 3 Mine (Jervey Farm)
Powhatan County, Virginia
Contract No. Idm-1673

This property was visited October 8, 1954 by G. L. Neumann.

Summary: This project was undertaken to test the down dip extension of a good mica showing in a 300-foot long open-cut. Stage I consists of a vertical 65-foot, 5' x 7', two compartment shaft on the hanging wall side, calculated to cut the dipping pegmatite vein at 60-foot depth. This shaft is now 55 feet deep. The shaft has been in micaceous schist with stringers of pegmatite. One 3-foot seam of a weathered hornblendic gneiss was cut at a depth of 48' - 51'. The Operator has had considerable labor trouble and other minor irritations to contend with but has made fair progress and is still in there fighting.

Conclusion: The shaft should be finished by November 1st which is fairly well on schedule.

Recommendation: No changes in the operation or objective are indicated at this time.

Work Completed: Stage I is approximately 85 percent complete. Progress has been a little slow but the job has been carried on efficiently, safely and in a workmanlike manner. The Operator's Monthly Reports are accurate and adequate. No special geologic features were expected under this stage and none have been encountered. The muscovite schist, in which this shaft was sunk, contains about 40 percent recoverable mica of fair grade and might be worthwhile to investigate if a suitable local market were available. The Operator will notify the Executive Officer when Stage I is to be completed.

The Operator still holes a lease on Baltzley No. 1 and Baltzley No. 2 mica mines. He recently sublet Baltzley No. 2 to some mica miners from the Spruce Pine, N. C. District and they recovered some 1500 pounds of trimmable mica along with 500 pounds of beryl and a good showing of halloysite.

G. L. Neumann

GLN:rwa

copies for Mr. Selfridge - 4
USGS
FRKantner

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

August 19, 1954

Memorandum

To: The Administrator, DMEA
Through: Mr. L. G. Houk

From: Acting Assistant Solicitor, Defense Minerals

Subject: Assignment of Moneys under Contract
Docket No. DMEA-3257 - Mica
W. D. and Mavos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract Idm-E673

Attached for your signature is a letter to the Executive Vice President and Cashier of the Bank of Powhatan, Powhatan, Virginia, informing him of the proper procedure to follow in connection with the notification to the Government of an assignment of moneys due under the subject contract. The letter follows the procedures set forth in General Services Circular No. 35 attached to Budget and Finance Letter No. 54, dated January 21, 1952.

Upon receipt from the bank of the forms required in your letter to the bank, regular distribution of them should be made. A true copy of the assignment should be attached to the official Government copy of the contract.

After approval of the assignment by you, all money due under the contract should thereafter be paid to the bank.

/S/ Henry C. Rubin

For J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

Attachments

HCRubin:lm 8-19-54

Copy to: Mr. Houk (2)
Mr. Hofflund
Mr. Rubin
Chron.
Pending

Solicitor Docket
DMEA Docket
Operating Committee

NOTICE OF ASSIGNMENT

Date _____

To: Administrator
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Contract Idm-E673, dated May 24, 1954
Made by the United States of America
Department of the Interior
Defense Minerals Exploration Administration
With W. D. and Mavos Baltaley, Operator
Address of Operator, Powhatan, Virginia
For Minerals Exploration

PLEASE TAKE NOTICE that moneys due or to become due under the contract described above have been assigned to the undersigned pursuant to the provisions of the Assignment of Claims Act of 1940 (54 Stat. 1029), as amended by Public Law 30, 82d Congress, approved May 15, 1951.

A true copy of the instrument of assignment is attached to the original hereof.

Payments due or to become due under such contract should be made to the undersigned assignee.

Please return to the undersigned a copy of this notice with appropriate notations showing the date and hour of receipt, and duly signed by the person acknowledging receipt on behalf of the addressee.

Very truly yours,

_____
Bank of Powhatan, Assignee

By _____
Name and title of signing officer

_____

_____
Address of Assignee

RECEIPT is hereby acknowledged of the above notice and a copy of the above-mentioned instrument of assignment. These were received at _____ a.m.

_____ p.m.

on _____, 1954.
(date)

_____
(Signature)

on behalf of Administrator, Defense Minerals
Exploration Administration
Department of the Interior
Washington 25, D. C.

Mr. W. R. Parker
Executive Vice President
and Cashier
Bank of Powhatan
Powhatan, Virginia

Re: Assignment of moneys under contract
Docket No. DMRA-3257 - Mica
W. D. and Mavoe Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract Idm-B673

Dear Mr. Parker:

Your letter dated August 11, addressed to the Executive Officer, Region VIII, and enclosing an assignment form executed by Mr. W. D. and Mrs. Mavoe Baltzley, has been referred to us, as was indicated in a letter dated August 18 to you from the Executive Officer.

Assignments to banks of money due under Government contracts is permitted, in general, under the Assignment of Claims Act of 1940, as amended (Title 31, United States Code Annotated, Section 203). Assignment of any rights under the Government's exploration contract with Mr. W. D. and Mrs. Mavoe Baltzley, however, is, by the terms of the contract, subject to the approval of the Government.

The "Assignment of Accounts" form executed by Mr. W. D. and Mrs. Mavoe Baltzley which you submitted as evidence of the assignment of moneys due under the subject contract does not appear specifically to assign further money due under the subject contract. Although we do not require that an assignment be on any particular form, the form used should specifically provide for the assignment of all further money due under Contract Idm-B673 (Docket No. DMRA-3257), dated May 24, 1954, between the United States of America and W. D. and Mavoe Baltzley.

For your convenience, we are enclosing eight copies of a "Notice of Assignment." We require that you return to us seven executed copies to each of which should be attached a copy of the instrument of assignment.

At least one of the copies of assignment must be a true copy (a duplicate signed original, or a complete photostat, or a copy certified by an officer authorized by law to administer oaths). A copy of the notice will be returned to you after approval.

We shall be pleased to give prompt consideration to this matter as soon as we receive the forms.

Sincerely yours,

C. O. Mittenderf

Administrator

Enclosures

HCRubin:ep 8-19-54

Copy to: Solicitor's Docket
DMEA Docket
Administrator
Admin. Reading File
Operating Committee
Mr. Houk (2)
Mr. Hofflund
Mr. Rubin
Chron
Pending
Field Team, Reg. VIII (2)

C
O
P
Y

September 25th. 1954

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

Dear Mr. Millar:

The material in the bottom of the shaft which is now fifty feet deep, is gneiss, biotite gneiss and including thin bodies of pegmatic material.

Sincerely yours,

/s/ W. D. Baltzley

W. D. Baltzley

104 (Rev.)
April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.4
Approval expires 6-30-58.

RECEIVED
SEP 29 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Sept., 1954 Docket No. DMEA 3257 Contract No. DMX-3673
Operator's Name N. D. and Novos Baltzley Minerals Mica
Address Powhatan, Virginia
Contract Amount, $ 6250.00 Government Participation: 75% Amount, $ 4687.50

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						
Sheets	750.	1750.00	2500.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	750.	1750.00	2500.00			

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

Date 9/25/54 *Payee N. D. Baltzley & Novas Baltzley

Per _____ Title Co-owners

*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:

$ 562.50

Signature F. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 9/27/54 Vou. No. DMEA-66
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. IdmE673 in accordance with the terms of the contract.

Signature G. Heumann Title Mining Eng. Date 9/27/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature M. A. Eckstein acting for W. T. Millan Title Executive Officer Date 9/27/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 29 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Sept. 195 4 Docket No. DMEA 3257 Contract No. IDM-B673
Operator's Name W. D. and Mavos Baltzley Minerals Mica
Address Powhatan, Virginia

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							100	$30.00
Crosscutting								
Raising								
Shafts	Foot	$750.	15	$2500.00	50	$50.00	65	$50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$750.	15	$2500.00				$6250.00

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 9/25/54 Operator W. D. Baltzley
Mavos Baltzley

Per _____ Title _____

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

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

SEP 20 1954

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

Re: Docket No. DMEA-3257 (Mica)
W. B. and Mavoe Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-8673

Dear Mr. Millar:

Enclosed are eight copies (one a signed original) of Assignment of Accounts, Baltzley to Bank of Powhatan, to each of which is attached a copy of Notice of Assignment (all duplicate originals), Bank of Powhatan to Administrator of DMEA. To each Notice of Assignment is annexed a receipt indicating the receipt thereof as of the close of business of the date you will write in.

It is necessary for you to sign these receipts because payments are to be made after the date fixed to the Assignee.

The copies are to be distributed in the usual manner, the signed original of the Assignment of Accounts to be returned to this office.

One copy of the signed receipt should be sent to the assignee bank, as indicated in the letter from the Administrator to the bank, a copy of which is enclosed.

JLHafflund/emd 9/17/54
Copy to: DMEA Docket
Solicitor's Docket
Operating Comm.
Adm. R. File
Mr. Kiilsgaard, 5227
[redacted] 3061

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Mr. Houk (2) chron. pending
Mr. Hafflund

APPROVED:

J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

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

Rewritten & Approved 9/17/54

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

Subject: Docket No. DMEA-3257 - Mica
W. D. and Mavos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E673

Dear Mr. Millar:

Enclosed are eight copies (one a signed original) of "Assignment of Accounts", Baltzley to Bank of Powatan, to each of which is attached a copy of "Notice of Assignment" (all duplicate originals), Bank of Powatan to Administrator of DMEA. To each Notice of Assignment is annexed a receipt indicating ~~the hour and date of receipt, for signature by yourself.~~ the receipt thereof as of the close of business of the date you will have in

It is necessary for you to sign these receipts because ~~the assignment becomes effective as of the date entered thereon, and~~ payments are to be made ~~thereafter to the assignee~~. after the date fixed to the assignee

The copies are to be distributed in the usual manner, the signed original of the "Assignment of Accounts" to be returned to this office. One copy of the signed receipt should be sent to the assignee bank, as indicated in the letter from the Administrator to the bank, a copy of which is enclosed.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

Enclosures 8

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

Remitted
J.F.H./bbb 9/14/54

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

Subject: Docket No. DMEA-3257 - Mica
W. D. and Mavos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E673

Dear Mr. Millar:

You will find enclosed herewith three copies of Notice of Assignment on the subject contract to the Bank of Powhatan.

Please distribute the copies in the usual manner.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

Enclosures 3

RECEIPT is hereby acknowledged of the above notice and a copy of the above-mentioned instrument of assignment. These were received at _____ a.m.

_____ p.m.

on _____, 1954.
(date)

_____
(Signature)

on behalf of Administrator, Defense Minerals
Exploration Administration
Department of the Interior
Washington 25, D. C.

RECEIPT is hereby acknowledged of the above notice and a copy of the above-mentioned instrument of assignment. These were received at _____ a.m.

_____ p.m.

on _____, 1954.
(date)

BANK OF POWHATAN
POWHATAN, VA.
(Signature)

on behalf of Administrator, Defense Minerals
Exploration Administration
Department of the Interior
Washington 25, D. C.

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

Mr. W. H. Parker
Executive Vice President
and Cashier
Bank of Pocahontas
Pocahontas, Virginia

Re: Docket No. DMEA-325/ (Mica)
W. D. and Mavee Baltzley
Baltzley No. 3 Mine
Pocahontas County, Virginia
Contract No. Idm-[illegible]

Dear Mr. Parker:

Thank you for your two letters of September 4 enclosing copies of "Assignment of Accounts" and "Notice of Assignment" relating to the above contract.

The "Notice of Assignment" has been sent to the Executive Officer, Field Team, Region VIII, at College Park, Maryland, where the accounts are handled, so that he can fill in the date of receipt thereof, a copy of which he will forward to you.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

LGHouk/JLHofflund/emd
9/17/54
Copy to: DMEA Docket
Solicitor's Docket
Adm. R. File
Operating Committee
Mr. Killagaard, 5827
Mr. Dietrich, 3061
Mr. Houk (2)
Mr. Hofflund
Field Team, Region VIII (2)
chron.
pending

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

Mr. W. R. Parker
Executive Vice President
and Cashier
Bank of Powhatan
Powhatan, Virginia

Re: Docket No. DMEA-3257 - Mica
W. D. and Mavos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E673

Dear Mr. Parker:

Reference is made to your letter of September 4, 1954, enclosing executed copies of Notice of Assignment of moneys due W. D. Baltzley and Mavos Baltzley under Contract No. Idm-E673, and Assignment of Accounts from W. D. Baltzley and Mavos Baltzley ~~to~~ the Bank of Powhatan. with a receipt thereof

You will find enclosed a copy of the Notice of Assignment executed by C. O. Mittendorf, Administrator, Defense Minerals Exploration Administration.

Sincerely yours,

Administrator

Enclosure

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

SEP 20 1954

Mr. W. H. Parker
Executive Vice President
and Cashier
Bank of Pocahontas
Pocahontas, Virginia

Re: Docket No. DMEA-3257 (Mica)
W. D. and Mavoe Baltzley
Baltzley No. 3 Mine
Pocahontas County, Virginia
Contract No. Ida-E673

Dear Mr. Parker:

Thank you for your two letters of September 4 enclosing copies of "Assignment of Accounts" and "Notice of Assignment" relating to the above contract.

The "Notice of Assignment" has been sent to the Executive Officer, Field Team, Region VIII, at College Park, Maryland, where the accounts are handled, so that he can fill in the date of receipt thereof, a copy of which he will forward to you.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

LEHouk/JLHofflund/cmd
9/17/54
Copy to: DMEA Docket
Solicitor's Docket
Adm. R. File
Operating Committee
Mr. Killingsard, 5227
Mr. Dietrich, 3061
Mr. Houk (2)
Mr. Hofflund
Field Team, Region VIII (2)
chron.
pending

C O P Y

United States, State and County Depository

Capital ans Surplus $300.00.

BANK OF POWHATAN

Powhatan, Virginia

September 15, 1954

Mr. C. O. Mittendorf
United States Department of the Interior
Washington 25, D. C.

Dear Mr. Mittendorf:

Please refer to your letter of August 24 in regard to contract Docket No. DMEA-3257, W. D. Baltzley. We are particularly desirous of getting these assignments back or acknowledgement of same as quickly as possible.

Yours very truly,

/s/ W. R. Parker
W. R. Parker, Cashier

C
O
P
Y

PIEDMONT MINING COMPANY, Inc.
Powhatan, Virginia

W.D.Baltzley, Pres. & Treas.
Roy T. Wise, Vice-Pres.
Betty Lou Wise, Secretary

Mica-Beryl
and associated
minerals

August 31, 1954

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

Dear Mr. Millar:

Progress for the month of August at Baltzley mine No. 3, on account of labor difficulties, amounted to just ten working days resulting in twenty units completed.

The shaft is cribbed the entire thirty-five feet and includes a double compartment.

Up to this point it has been possible to dig the material in the shaft but the remainder of the shaft sinking will require drilling and blasting.

The material in the bottom of the shaft continues to be a thinly foliated schistos-gness and contains many more lenses and stringers of pegmatite.

Very truly yours,

/s/ W. D. Baltzley
W. D. Baltzley

MF-104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
SEP - 3 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of [illegible], 1954 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						
(8) Contingencies (specify):						
TOTALS	[illegible]	[illegible]	[illegible]			

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

Date 8-31-54 *Payee W. B. Baltzley + Marian Baltzley

Per _____ Title Co-owners

*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:

$ 750.00

F. R. Kantner, Adm. Asst.

Signature _____
(Authorized Certifying Officer)

Date 9-3-54 Vou. No. DMEA-64

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. IdmE673 in accordance with the terms of the contract.

Signature [illegible] Title Mining Eng Date 9/1/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. P. Mullen Title Executive Officer Date 9/2/54

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

Defense Minerals Administration
RECEIVED
SEP - 3 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1954 Docket No. DMEA 9257 Contract No. 3[illegible]-2073
Operator's Name [illegible] and Mavoo Baltzley Minerals Zinc
Address [illegible], Utah

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							200	090.00
Crosscutting								
Raising								
Shafts	200	1000.	20	1750.00	55	090.00	05	090.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1000.	20	1750.00				00090.00

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.

W. D. Baltzley
Mavoo Baltzley

Date 8-31-54 Operator

Per Title Co-owners

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

Field Examination Report
by
G. L. Neumann, Engineer

Docket No. DMEA-3257 - (Mica-Beryl)
Operator: G. D. and Mavos Baltzley, Powhatan, Va.
Property: Jervey Farm, Baltzley #3 mine, Powhatan County, Va.
Contract No. Idm-E673

This property was visited on August 26, 1954.

Summary: This exploration is to increase the reserves of strategic muscovite mica and beryl. Work under Stage I has progressed to a depth of 30 feet of timbered 5' x 7' shaft.

Conclusions: The work has progressed safely and satisfactorily and at a fair rate.

Recommendations: No changes are recommended at this time.

Statement of Work Completed: Thirty of the 65 feet of 5' x 7' vertical shaft under Stage I of the contract have been timbered. There is a 3-foot sump below the timber. The shaft is cribbed with 2" x 8" oak boards, and 4" round poles are used as spreaders and a curtain wall between the hoisting and manway compartments.

Comments: The progress made so far on this contract has been fair. The Operator has won out over a series of irritating coincidences, such as: labor walk-offs, injunctions, lawsuits, change of residence and sickness. All is now peaceful and the tempo of the work accomplished should increase.

The shaft is still in a weathered micaceous schist at a depth of 33 feet. There are numerous small stringers of pegmatitic material in the schist. The formation has tightened some and pop holes in the corners will soon be necessary.

The Operator is using a swinging gin block for his hoisting. The work is orderly, efficient and safe. Housekeeping is good.

A sample of the weathered micaceous schist yielded a recovery of 40 percent of fair to good muscovite scrap. This could be economically worked if a local market were available.

The Operator, during his siege of disturbances, mined about 400 pounds of fair mica from the south end of the open cut. To date this has not been trimmed.

College Park, Md.
September 1, 1954

G. L. Neumann

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

August 19, 1954

Memorandum

To: The Administrator, DMEA
Through: Mr. L. G. Houk

From: Acting Assistant Solicitor, Defense Minerals

Subject: Assignment of Moneys under Contract
Docket No. DMEA-3257 - Mica
W. D. and Mavos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract Idm-E673

Attached for your signature is a letter to the Executive Vice President and Cashier of the Bank of Powhatan, Powhatan, Virginia, informing him of the proper procedure to follow in connection with the notification to the Government of an assignment of moneys due under the subject contract. The letter follows the procedures set forth in General Services Circular No. 35 attached to Budget and Finance Letter No. 54, dated January 21, 1952.

Upon receipt from the bank of the forms required in your letter to the bank, regular distribution of them should be made. A true copy of the assignment should be attached to the official Government copy of the contract.

After approval of the assignment by you, all money due under the contract should thereafter be paid to the bank.

/s/ Henry C. Rubin

For J. L. Hofflund
Acting Assistant Solicitor
Defense Minerals

Attachments

HCRubin:lm 8-19-54

Copy to: Mr. Houk (2)
Mr. Hofflund
Mr. Rubin
Chron.
Pending

Solicitor Docket
DMEA Docket
Operating Committee

Mr. Hunt

Mr. W. R. Parker
Executive Vice President
and Cashier
Bank of Powhatan
Powhatan, Virginia

Re: Assignment of moneys under contract
Docket No. DMEA-3257 - Mica
W. D. and Mavos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract Idm-E673

Dear Mr. Parker:

Your letter dated August 11, addressed to the Executive Officer, Region VIII, and enclosing an assignment form executed by Mr. W. D. and Mrs. Mavos Baltzley, has been referred to us, as was indicated in a letter dated August 12 to you from the Executive Officer.

Assignments to banks of money due under Government contracts is permitted, in general, under the Assignment of Claims Act of 1940, as amended (Title 31, United States Code Annotated, Section 203). Assignment of any rights under the Government's exploration contract with Mr. W. D. and Mrs. Mavos Baltzley, however, is, by the terms of the contract, subject to the approval of the Government.

The Assignment of Accounts form executed by Mr. W. D. and Mrs. Mavos Baltzley which you submitted as evidence of the assignment of moneys due under the subject contract does not appear specifically to assign further money due under the subject contract. Although we do not require that an assignment be on any particular form, the form used should specifically provide for the assignment of all further money due under Contract Idm-E673 (Docket No. DMEA-3257), dated May 24, 1954, between the United States of America and W. D. and Mavos Baltzley.

For your convenience, we are enclosing eight copies of a Notice of Assignment. We require that you return to us seven executed copies to each of which should be attached a copy of the instrument of assignment.

At least one of the copies of assignment must be a true copy (a duplicate signed original, or a complete photostat, or a copy certified by an officer authorized by law to administer oaths). A copy of the notice will be returned to you after approval.

We shall be pleased to give prompt consideration to this matter as soon as we receive the forms.

Sincerely yours,

L. O. Mittendorf

Administrator

Enclosures

HCRubin:ep 8-19-54

Copy to: Solicitor's Docket
DMEA Docket
Administrator
Admin. Reading File
Operating Committee
Mr. Houk (2)
Mr. Hofflund
Mr. Rubin
Chron
Pending
Field Team, Reg. VIII (2)

NOTICE OF ASSIGNMENT

Date _____

To: Administrator
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Contract Idm-2673, dated May 24, 1954
Made by the United States of America
Department of the Interior
Defense Minerals Exploration Administration
With W. D. and Mavee Baltzley, Operator
Address of Operator, Powhatan, Virginia
For Minerals Exploration

PLEASE TAKE NOTICE that moneys due or to become due under the contract described above have been assigned to the undersigned pursuant to the provisions of the Assignment of Claims Act of 1940 (54 Stat. 1029), as amended by Public Law 30, 82d Congress, approved May 15, 1951.

A true copy of the instrument of assignment is attached to the original hereof.

Payments due or to become due under such contract should be made to the undersigned assignee.

Please return to the undersigned a copy of this notice with appropriate notations showing the date and hour of receipt, and duly signed by the person acknowledging receipt on behalf of the addressee.

Very truly yours,

_____
Bank of Powhatan, Assignee

By _____
Name and title of signing officer

_____

_____
Address of Assignee

RECEIPT is hereby acknowledged of the above notice and a copy of the above-mentioned instrument of assignment. These were received at _____ a.m.

_____ p.m.

on _____, 1954.
(date)

_____
(Signature)

on behalf of Administrator, Defense Minerals
Exploration Administration
Department of the Interior
Washington 25, D. C.

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 June & July, 1954 Docket No. DMEA 3257 Contract No. DMEA-673
Operator's Name W. D. & Mavis Baltzley Minerals Strategic Mica
Address Powhatan, Virginia
Contract Amount, $ 6250.00 Government Participation: 75 % Amount, $ 4687.50

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						
Shafts	0750.00		0750.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	0750.00		0750.00			

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

Date July 26, 1954 Payee W. D. Baltzley & Mrs. Mavis Baltzley

Per _____ Title _____

*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:

$ 562.50

Signature F. R. Kantner, Adm. Asst.
(Authorized Certifying Officer)

Date 7/27/54 Vou. No. DMEA-63
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 16-2673 in accordance with the terms of the contract.

Signature [illegible] Title Mining Engineer Date 7/26/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. T. Miller Title Executive Officer Date 7/26/54

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 June & July 1954 Docket No. DMEA 3257 Contract No. IDa-2673
Operator's Name W. D. & Mavis Baltzley Minerals Strategic Mica
Address Powhatan, Virginia

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							100	$30.00
Raising								
Shafts	Foot	750.00	15	750.00	15	50.00	65	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		750.00	15	750.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								$6250.00
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date July 26, 1954 Operator W. D. Baltzley & Mrs. Mavis Baltzley

Per _____ Title _____

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

C
O
P
Y

NARRATIVE

Work on this project began June 14, 1954 with the installation of equipment including the erection of gin pole and boom.

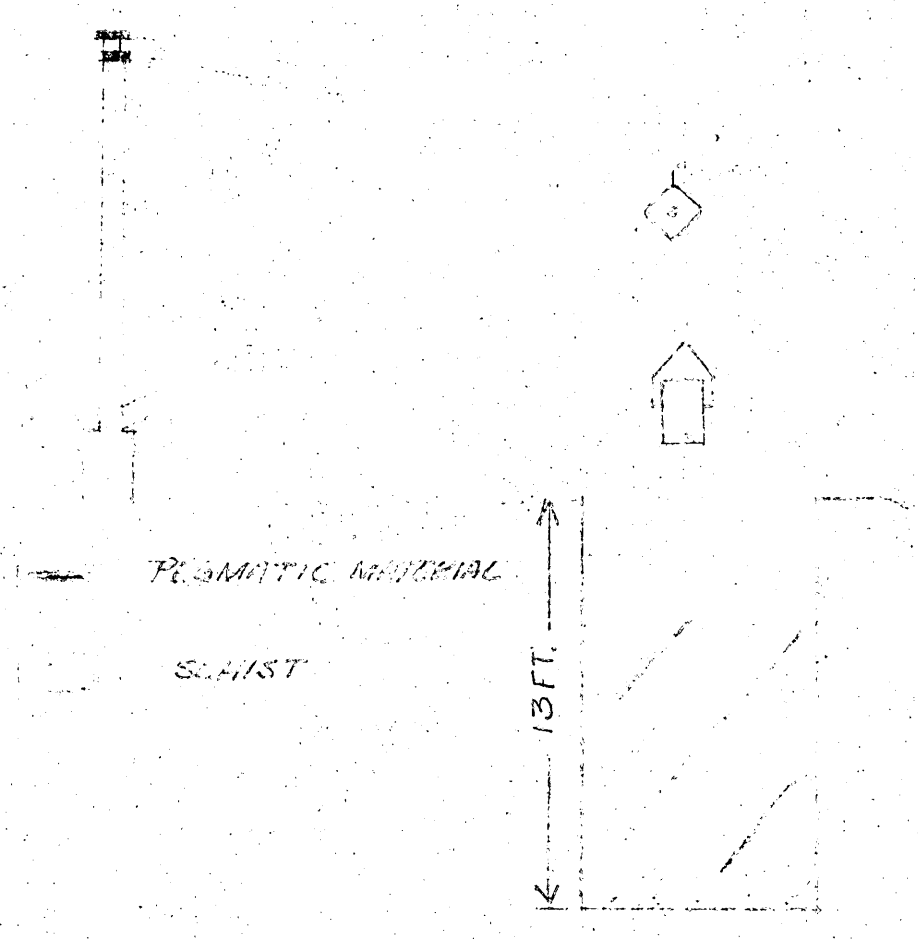
~~The actual digging and cribbing of shaft consumed approximately four days work.~~

The material encountered in the shaft so far began with three feet of clay the remainder being a thinly foliated, rich, mica schist in a highly weathered condition. There are occasional pegmatic materials up to five inches in thickness, shooting between the layers of schist.

This formation stricks north and dips steeply east.

A strong flow of water has been encountered at nine feet.

The shaft is now cribbed to a depth of 15 feet.



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

July 26, 1954

Memorandum

To: F. R. Kantner, Finance Officer, DMEA, Region VIII

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-3257 - (Mica)
W. D. Baltzley and Mavos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E673

Transmitted herewith are four copies of a progress report from W. D. and Mavos Baltzley, contract No. Idm-E673, covering the period June 14 through July 26, 1954. This report is for audit and certification and is to be used in place of the report sent you on July 7 covering the period June 14 through June 30, 1954.

W. T. Millar

Enclosures

rwa

copies for Mr. Selfridge
DMEA Files - 2

AMA
Field Inspection Report
by
G. L. Neumann, Engineer
July 22, 1954

Operator:	W. D. and Mavos Baltsley
Address:	Powhatan County, Va.
Mine & Location:	Baltsley No. 3 Mine, Powhatan County, Va.
Docket No.:	AMA-3257
Contract No.:	Icm-7673
Commodity:	Mica
Total Cost:	$6,250.00
Government Participation:	$4,687.50 - 75%
Duration of Contract:	May 24, 1954 to completion with a period of 5 months

This contract has not progressed as expected. Shaft sinking was started in Stage I in mid June, and only 15 feet of the 65-foot shaft has been completed. The swinging pin pole, employed in many mica operations, is being used in this shaft sinking operation.

The operator, through no particular fault of his, seems to have become involved in several complications at one time. A former partner of his, through jealousy, has disrupted the well-trained crew which the operator had assembled.

The operator is an efficient and experienced mica miner and has made fair progress, considering the irritations he has had to combat in his first month's work under the contract. Progress will improve and the caliber of the work performed will be good, as the labor troubles have now been overcome.

No changes are recommended in the operation of this contract.

Fifteen feet of the planned 65-foot cribbed shaft, 5' x 7' cross-section, has been completed and another 2 feet are ready for cribbing. The ground is still a weathered mica schist. A small flow of water was encountered at a depth of 9 feet.

G. L. Neumann

College Park, Md.
July 26, 1954

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

July 26, 1954

Memorandum

To: F. R. Kantner, Finance Officer, DMEA- Region VIII

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-3257 - (Mica)
W. D Baltzley and Mavos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E673

Transmitted herewith are four copies of a progress report from W. D. & Mavos Baltzley, contract No. Idm-E673, covering the period June 14 through July 26, 1954. This report is for audit and certification and is to be used in place of the report sent you on July 7 covering the period June 14 through June 30, 1954.

W. T. Millar

Enclosures

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 8 - 1954

July 7, 1954

Memorandum

To: F. R. Kantner, Finance Officer, DMEA, Region VIII

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-3257 - (Mica)
W. D. & Mavos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E673

Transmitted herewith is the first progress report from W. D. and Mavos Baltzley, contract Idm-E673, covering the period June 14 through June 30, 1954. This report is sent to you in quadruplicate for your audit and certification.

Also attached is a copy of Barclay G. Anderson's field inspection report of June 11, 1954, on the subject property.

W. T. Millar

Enclosures

rwa

copy for GeoCSelfridge, Chrm., Oper. Comm.
DMEA Files - 2

600

DMTA
Summary Report
June 30, 1954

Operator:	W. D. Baltzley & Mavoe Baltzley
Address:	Powhatan, Virginia
Mine & Location:	Baltzley No. 3 Mine, Powhatan County, Va.
Tecket No.:	DMTA-3257
Contract No.:	Idm-F673
Commodity:	Mica
Total Cost:	$6,250.00
Government Participation:	$4,687.50 - 75%
Duration of Contract:	May 24, 1954 to October 24, 1954

The purpose of this project is to explore for strategic mica by sinking a 65-foot vertical, 5 x 7 foot shaft and at the 60-foot level driving an aggregate of 100 feet of drift and crosscut.

Exploration was started June 14, 1954.

DMEA
Field Inspection Report
by
Barclay G. Anderson, Engineer
June 11, 1954

Operator:	W. D. Baltzley and Mavos Baltzley
Address:	Powhatan, Virginia
Mine & Location:	Baltzley No. 3 Mine, Powhatan County, Va.
Docket No.:	DMEA-3257
Contract No.:	Idm-E673
Commodity:	Mica
Total Cost:	$6,250.00
Government Participation:	$4,687.50 - 75%
Duration of Contract:	May 24, 1954 to completion within a period of 5 months

The purpose of this trip was to inspect the site chosen by the Operator for his shaft.

There was some misunderstanding on the part of Baltzley as to whether he should sink a vertical shaft on the hanging wall side of the dyke, or an inclined shaft on the dyke.

The Field Team, which made an examination of the project on March 9, 1954, recommended the sinking of a vertical shaft on the hanging wall side of the pegmatite, due east of the swell in the pegmatite and approximately the center of the trench. Such a shaft located 45 feet east of the hanging wall of the pegmatite, will cut the pegmatite at approximately 60 feet vertical depth if the dip of the pegmatite remains constant. As exposed in the trench, the dip of the pegmatite is 50 degrees to the east.

The Operator accepted the recommendation of the Field Team and has prepared the site for sinking operations. He is prepared to start the project on June 14, 1954.

Approximately 4 hours were spent on the property accompanied by W. D. Baltzley on June 11, 1954. Both the No. 3 and No. 1 mines were inspected.

Work at the No. 1 mine is finished except for some clean-up work. The water-level in the shaft stands at about 20 feet below the collar. Most of the equipment has been removed to No. 3 area.

At the No. 3 site the operator has cleaned and leveled off the shaft site and has the following equipment there:

1. A single-drum, gasoline powered hoist, with 3/8 inch cable.
2. A Gardner-Denver - 105 c.p.m. compressor.
3. Two jackhammers with jack legs, carbide tipped drill steel, hoses and wrenches.
4. An air driven sump pump.
5. Derrick and boom, with sheave wheels and sinking bucket.

has staked out the corners of the 5'x7' shaft with the long strike of the pegmatite. The distance to the hanging wall om the west wall of the shaft is 45 feet.

The axis parall of the p

aference point for making vertical measurements in the shaft as the a spike was driven into a 12 inch pine tree near the base. This south of the southwest corner of the shaft. The difference in en the spike and the ground at the shaft corner is 2'-3".

the time of this inspection the trench was nearly full of water. ted that most of the water was seepage from the base of the hill south . A ditch has been excavated along the line of seepage and Baltzley t the inflow of water had been cut off.

The mica shop has been moved into the old store building about 1.5 miles east along Highway 711, near the intersection of routes 711 and 614. The Five Forks Garage and Filling Station and a large brick store are near this corner. At this time no one is working in the mica shop.

The No. 3 mine is reached by following Highway 614, north from the intersection with 711, a short distance, then taking the first branch road to the left. After passing through a wire gate, a rough road not yet bull-dozed, can be followed by car to the shaft site.

Monthly Report forms MF-104 and MF-104A were left with the Operator. He was instructed how they were to be filled out.

Barclay G. Anderson

June 14, 1954
College Park, Md.

BGA:rwa

copies for Mr. Selfridge - Orig. & 3
FRKantner, Fin. Off., Reg. 8
QuentinDSingewald, USGS
DMEA Files - 2

C
O
P
Y

June 7, 1954

Mr. C. O. Mittendorf
Administrator, Defense
Minerals Exploration
Administration

Subject: Docket No. DMEA-3257 - (Mica)
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E673

Dear Mr. Mittendorf:

The subject contract has been received, signed and returned to Mr. W. T. Millar.

I wish to thank you for your cooperation in this transaction.

Respectfully yours,

/s/
W. D. Baltzley

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

May 7, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3257

Applicant: W. D. and Mavos Baltzley

Name and Location of Property: Baltzley No. 3
Powhatan County, Virginia

Date of Field Team Report: April 9, 1954

Date Rec'd. by Ceramic & Fertilizer Materials Branch: April 19, 1954

Field Team Recommendation:

1. Exploration in two stages:
   Stage I - 65 foot shaft.
   Stage II - crosscut with maximum length of 100 feet.

Comments:

1. Total cost estimated to be $3,930 for Stage I and $2,900 for Stage II.

2. Proposed exploration is consistent with good engineering practices.

Recommendation:

I concur in the field team's recommendation for an exploration program in the amount of $6,830.

Signed

W. F. Dietrich

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

May 7, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3257

Applicant: W. D. and Mavos Baltzley

Name and Location of Property: Baltzley No. 3
Powhatan County, Virginia

Date of Field Team Report: April 9, 1954

Date Rec'd. by Ceramic & Fertilizer Materials Branch: April 19, 1954

Field Team Recommendation:

1. Exploration in two stages:
   Stage I - 65 foot shaft.
   Stage II - crosscut with maximum length of 100 feet.

Comments:

1. Total cost estimated to be $3,930 for Stage I and $2,900 for Stage II.

2. Proposed exploration is consistent with good engineering practices.

Recommendation:

I concur in the field team's recommendation for an exploration program in the amount of $6,830.

Signed

W. F. Dietrich

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

May 7, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3257

Applicant: W. D. and Mavos Baltzley

Name and Location of Property: Baltzley No. 3
Powhatan County, Virginia

Date of Field Team Report: April 9, 1954

Date Rec'd. by Ceramic & Fertilizer Materials Branch: April 19, 1954

Field Team Recommendation:

1. Exploration in two stages:
   Stage I - 65 foot shaft.
   Stage II - crosscut with maximum length of 100 feet.

Comments:

1. Total cost estimated to be $3,930 for Stage I and $2,900 for Stage II.

2. Proposed exploration is consistent with good engineering practices.

Recommendation:

I concur in the field team's recommendation for an exploration program in the amount of $6,830.

Signed

W. F. Dietrich

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

April 2, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3257

Applicant: W. D. & M. Baltzley

Name and Location of Property: Baltzley No. 3
Powhatan, Virginia

Date of Field Team's Report: March 22, 1954

Date Rec'd. by Ceramic & Fertilizer Materials Br.: March 29, 1954

Field Team's Recommendation:
1. Approval of applicant's exploration proposal.

Comments:
1. The pegmatite appears to be at least 160 feet long and from 2-3 feet thick.

2. Strategic mica obtained from the open cut of this mine was sold to the Government Purchasing Depot.

3. Exploration by a 65-foot vertical shaft 45 feet east of the hanging-wall of the pegmatite and at right angles to the thickest part of the pegmatite is proposed by the examiners but no breakdown is given for the estimated costs. It is mentioned in the report that the contract should be written on a unit-cost basis as outlined in the application. Item 6 on page 4 of the application submitted February 15, 1954 shows "unit cost basis, 65-foot shaft @ $60 per foot totaling $3,900 and 100-foot drift or crosscut @ $30 per foot totaling $3,000, giving a grand total of $6,900." The unit-cost for the shaft appears to be from $5-$10 higher than is customary in the southeastern States and no mention is made in the field team's report whether the drifting as proposed by the applicant is to be considered as a part of the field team's recommendation.

Recommendation:

It is suggested the field team be requested to submit a definite plan of exploration and a breakdown of the estimated expenditures on a unit-cost basis, before the contract is approved.

Signed

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CNM

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

March 25, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3257 (mica-beryl)

To: L. G. Nouk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: W. D. and Mavos Baltzley
Name of property: Baltzley No. 3 mine (Jervey pegmatite)
Location of property: Baltzley #3 mine about 10 miles from Powhatan, Virginia.
Date of field team report: March 22, 1954
Authorship of field team report: J. B. Hanley and C. L. Neumann.
Field team's recommendation: Sink 65' vertical shaft 45' east of the hanging wall of the pegmatite. Drift and crosscut 100' on the pegmatite.

Total $6,900

Comments:

1. Remove beryl from the "reason for project," and let the project stand on mica.

2. Recent records indicate this to be a good possibility of becoming a significant producer.

ACTION RECOMMENDED:

Follow field team's recommendation.

D. M. Larrabee

Larrabee:jeh
3/25/54

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

COPY

PIEDMONT MINING COMPANY, INC.

Powhatan, Virginia

April 26, 1954

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Re: Docket No. DMEA-3257
Mica-Beryl
Baltzley No. 3 Mine
Powhatan County, Virginia

Dear Mr. Houk:

In reply to your letter of April 19th requesting further information pertaining to proposed project.

Instead of using a head frame I had planned to use a gin pole and boom measuring more or less 25 feet in height with a boom of the same proportion. This material is available at the mine. The cost of hoist-cable, guy-cables, blocks, clamps, etc. is included as hard ware under Supplies and Equipment in the Estimate of cost section page 4 of the Baltzley application. Hoist-cable would travel through a 12 inch block, and size of hoist cable 5/8 inches in diameter.

In regards to the conversation I had with Mr. W. T. Millar Friday afternoon April 23, it would be agreeable with me to sink an incline shaft on the dike if it were decided the most advantageous plan.

Unlike neighboring Goochland county I have encountered no heavy ground as yet in Powhatan county.

Sincerely yours,

(signed) W. D. Baltzley

W. D. Baltzley

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 2 1954

April 2, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3257

Applicant: W. D. & M. Baltzley

Name and Location of Property: Baltzley No. 3
Powhatan, Virginia

Date of Field Team's Report: March 22, 1954

Date Rec'd. by Ceramic & Fertilizer Materials Br.: March 29, 1954

Field Team's Recommendation:

1. Approval of applicant's exploration proposal.

Comments:

1. The pegmatite appears to be at least 160 feet long and from 2-3 feet thick.

2. Strategic mica obtained from the open cut of this mine was sold to the Government Purchasing Depot.

3. Exploration by a 65-foot vertical shaft 45 feet east of the hanging-wall of the pegmatite and at right angles to the thickest part of the pegmatite is proposed by the examiners but no breakdown is given for the estimated costs. It is mentioned in the report that the contract should be written on a unit-cost basis as outlined in the application. Item 6 on page 4 of the application submitted February 15, 1954 shows "unit cost basis, 65-foot shaft @ $60 per foot totaling $3,900 and 100-foot drift or crosscut @ $30 per foot totaling $3,000, giving a grand total of $6,900." The unit-cost for the shaft appears to be from $5-$10 higher than is customary in the southeastern States and no mention is made in the field team's report whether the drifting as proposed by the applicant is to be considered as a part of the field team's recommendation.

Recommendation:

It is suggested the field team be requested to submit a definite plan of exploration and a breakdown of the estimated expenditures on a unit-cost basis, before the contract is approved.

Signed

W. F. Dietrich

IN REPLY REFER TO:
G-MD-CMM

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

March 25, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3257 (mica-beryl)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: W. D. and Mavoe Baltzley
Name of property: Baltzley No. 3 mine (Jervey pegmatite)
Location of property: Baltzley #3 mine about 10 miles from Powhatan, Virginia.
Date of field team report: March 22, 1954
Authorship of field team report: J. B. Hanley and G. L. Neumann.
Field team's recommendation: Sink 65' vertical shaft 45' east of the hanging wall of the pegmatite. Drift and crosscut 100' on the pegmatite.

Total $6,900

Comments:

1. Remove beryl from the "reason for project," and let the project stand on mica.

2. Recent records indicate this to be a good possibility of becoming a significant producer.

ACTION RECOMMENDED:

Follow field team's recommendation.

D. M. Larrabee

Larrabee:jeh
3/25/54

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

COPY

PIEDMONT MINING COMPANY, INC.

Powhatan, Virginia

April 26, 1954

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Re: Docket No. DMEA-3257
Mica-Beryl
Baltzley No. 3 Mine
Powhatan County, Virginia

Dear Mr. Houk:

In reply to your letter of April 19th requesting further information pertaining to proposed project.

Instead of using a head frame I had planned to use a gin pole and boom measuring more or less 25 feet in height with a boom of the same proportion. This material is available at the mine. The cost of hoist-cable, guy-cables, blocks, clamps, etc. is included as hard ware under Supplies and Equipment in the Estimate of cost section page 4 of the Baltzley application. Hoist-cable would travel through a 12 inch block, and size of hoist cable 5/8 inches in diameter.

In regards to the conversation I had with Mr. W. T. Millar Friday afternoon April 23, it would be agreeable with me to sink an incline shaft on the dike if it were decided the most advantageous plan.

Unlike neighboring Goochland county I have encountered no heavy ground as yet in Powhatan county.

Sincerely yours,

(signed) W. D. Baltzley

W. D. Baltzley

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

MAY 26 1954

May 25, 1954

Mr. W. D. Baltzley

Powhatan, Virginia

Subject: Docket DMEA-3257 - (Mica)
Baltzley No. 3 Mine
Powhatan County, Virginia
Contract No. Idm-E673

Dear Mr. Baltzley:

Enclosed are the original and five copies of a contract covering the subject exploration project, which have been signed by the Government. The number of this contract is Idm-E673 and effective date as shown.

Please review this contract and if it meets with your approval, sign all six copies, retain the Operator's copy for your files and return the original and other four copies to this office. After signing this contract you are authorized to commence operations on the prescribed work. Please advise this office when you intend to start.

Please note that when executed, this becomes a firm commitment under the terms of which you are obligated to complete the prescribed work at the agreed unit cost.

Very truly yours,

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

Enclosures - 6

WTM:rwa

copy for Mr. Selfridge, Chrm., DMEA Oper. Comm.
DMEA Files
USGS

MAY 24 1954 CO

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

Subject: Docket No. DMEA-3257 -
Mica-
W. D. and Marvos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia

Dear Mr. Millar:

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

If the contract meets with your approval present it to the Operators for approval and signature. Please explain to the Operators that the contract, when executed, is a firm commitment under the terms of which they are 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 Operators and cannot be amended within your delegated authority, then the original and all copies of the contract are to be returned to this office, together with the proposed changes for consideration.

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

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

Philip W. Guild
Member, Geological Survey

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

Enclosures 6

WCAnderson:gad 5/18/54

C
O
P
Y

PIEDMONT MINING COMPANY, Inc.

Powhatan, Virginia

W. D. Baltzley, Pres. & Treas.
Roy T. Wise, Vice-Pres.
Betty Lou Wise,, Secretary

Mica-Beryl
And Associated
Minerals

April 26, 1954

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Re: Docket No. DMEA-3257
Mica-Beryl
Baltzley No. 3 Mine
Powhatan County, Virginia

Dear Mr. Houk:

In reply to your letter of April 19th requesting further information pertaining to proposed project.

Instead of using a headframe I had planned to use a gin pole and boom measuring more or less 25 feet in height with a boom of the same proportion. This material is available at the mine. The cost of hoist-cable, guy-cables, blocks, clamps etc. is included as hard ware under Supplies and Equipment in the Estimate of cost section page 4 of the Baltzley application. Hoist-cable would travel through a 12 inch block, and size of hoist-cable 5/8 inches in diameter.

In regards to the conversation I had with Mr. W. T. Millar Friday afternoon April 23, it would be agreeable with me to sink an incline shaft on the dike if it were decided the most advantageous plan.

Unlike neighboring Goochland county I have incountered no heavy ground as yet in Powhatan county.

Sincerely yours,

/s/
W. D. Baltzley

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

April 9, 1954

Memorandum

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

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-3257 - (Mica-Beryl)
L. H. Daltzley and Mavos Daltzley
Daltzley No. 3 Mine
Powhatan County, Virginia

In reference to your letter of March 30, transmitted herewith are the original and three copies of a revised Field Team examination report on the subject property.

W. T. Millar

Enclosures - 4

WTM:rwa

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

Reviewed by
DMEA OPERATING COMMITTEE
4-16-54
(date)

Revised Field Team Report on Examination of Property

DMEA Docket No. 3257 - (Mica-Beryl)

Applicant: W. D. Baltzley and his wife, Mavos Baltzley of Powhatan, Virginia

Property: Baltzley No. 3 mine, located on Jude's Ferry Farm, owned by William P. Jervey and his wife Byrd Pendleton Jervey, in Powhatan County, Virginia

Summary:

The purpose of this application is to explore for strategic mica and beryl on a pegmatite deposit in Powhatan County, Virginia.

The proposed exploratory work is to consist of sinking a vertical shaft 5 x 7 feet to a depth of 60 feet, and 100 feet of crosscutting and drifting.

The application was referred to the Field Team for an examination and report on the deposit.

This deposit was operated by Clinton Dolphin in 1953 as the Dolphin mine and by W. D. Baltzley in 1954 as the Baltzley No. 3 mine.

The deposit has produced strategic mica which was accepted by the Mica Purchasing Depot, Spruce Pine, North Carolina. The sales of strategic mica totaled $8,100. The production was from an open cut 160 feet long, 20 feet wide and 12 feet deep. The pegmatite is 2 to 3 feet thick occurring in micaceous gneiss.

Conclusions:

The mica in this deposit is of strategic quality. Geological indications are favorable for continued production of strategic mica.

The proposed exploratory shaft is considered the most economical method for exploring this deposit. Sinking an inclined shaft from the bottom of the

Reviewed by
DMEA OPERATING COMMITTEE
4-16-54
(date)

open cut would require excessive sinking and maintenance costs in labor and materials to hold the decomposed walls which would be continually caving.

The applicant has demonstrated his ability to develop, mine, produce and process mica from a pegmatite.

Recommendations:

Based on the above conclusions, the Field Team recommends that this application be approved.

Time spent on Property:

The Field Team, composed of J. B. Hanley of the U. S. Geological Survey and G. L. Neumann of the Bureau of Mines, spent the afternoon of March 9, 1954 looking over the Baltzley No. 3 mine, the Baltzley No. 1 mine and the Baltzley mica shop. They were accompanied by W. D. Baltzley.

Location and Accessibility of Property:

The Baltzley mica shop (see map) is located in Powhatan County, Virginia, on Virginia Highway 711 approximately 10 miles east of the village of Powhatan and about 27 miles southwest of Richmond. To reach the Baltzley No. 3 mine from the mica shop, follow Virginia Highway 711, a good all-weather black top road, about 1.5 miles towards the east to a Texaco filling station. Turn left on a good gravel road, Virginia Highway 614, just beyond the filling station. Follow 614 to the north and west for about 1.5 miles to the Jervey Farm. Turn left onto a fairweather dirt woods road and follow for 0.3 mile to the mine. Since no heavy hauling is necessary with a mica-beryl operation the present roads should be adequate.

Competence of Applicant:

The applicant successfully operated the Baltzley No. 1 mine, on the Dolphin Farm. This operation included sinking a shaft to a depth of 60 feet, through which the mine was operated. Production from this operation totaled

$25,000 worth of strategic mica which was purchased by the Spruce Pine Depot. The applicant also operates a mica shop employing 5 to 8 women as rifters and trimmers. Most of the operating personnel has been recruited from the Spruce Pine District, North Carolina, where experienced help appears to be plentiful.

Since Baltzley No. 3 mine is located on property adjoining the Dolphin Farm on which the Baltzley No. 1 mine is located, the applicant is experienced in mining conditions in this area.

The applicant assured the examining engineers that he could provide his share (25 percent) of the exploratory costs.

Applicant's Property Rights:

The applicant has a three year lease with a renewal option on the Jude's Ferry Farm, now owned by William P. Jervey and his wife, Byrd Pendleton Jervey. It contains 75 acres more or less, located in Powhatan County, Virginia. The pegmatite lies well within the property lines.

A copy of the lease together with properly executed Owner's Consent to Lien forms (MF-203) accompanied the application. There are no liens or mortgages against the lease.

History of Property:

The Baltzley No. 3 mine workings, prior to the Dolphin operation in 1953, consisted of one small test pit. Dolphin opened the pegmatite over a length of 75 feet, mostly by pick and shovel and wheelbarrow. Some of the overburden was stripped with a bulldozer to a depth of 5 to 6 feet, then the pegmatite was mined for an additional depth of 4 to 6 feet. The open cut at the time Baltzley took over was 75 feet long, 20 feet wide and 10 to 12 feet deep. Dolphin sold $7300 worth of strategic mica to the Spruce Pine Depot. Baltzley, while waiting for his application to be processed, stripped some 80 feet to the south of the Dolphin work and has worked the pegmatite over this length to a depth of

2 to 6 feet, producing $800 worth of strategic mica which was sold to the Spruce Pine Depot. This sale is confirmed by GSA Warranty, Acceptance and Invoice EPS-4-780X. This south end and a spot near the present center of the cut, where the pegmatite swelled to a width of about 10 feet, were the only places the pegmatite could be seen at the time of the examination. The only equipment at the Baltzley No. 3 mine consisted of a gasoline sump pump.

The breakdown on the mica sold by Clinton Dolphin in 1953 was as follows:

	Grade 3 (pounds)	Grade 4 & 5 (pounds)	Grade 5½ & 6 (pounds)
Good stained -	0.80	54.28	219.26
Stained -	1.68	53.43	151.81
Heavy stained -	-	7.56	16.34

Total sold - 536.82 pounds 57% good stained, 39% stained, 4% heavy stained.

Clinton Dolphin had a one year lease and did not work the property as diligently as the owner desired so the lease was not renewed. Baltzley has a reputation as a good operator, substantiated by his sales record, and had no difficulty in obtaining the lease.

Geology:

The Jervey pegmatite body on Jude's Ferry Farm, being operated under the name of the Baltzley No. 3 mine, is in the bottom of a small amphitheater formed by the junction of several minor tributaries to the James River. The pegmatite trends in a general northerly direction between two of these tributaries. The general geologic setting of the area as well as the general features of the pegmatites in the area are set forth by Jahns and Griffitts in U. S. Geological Survey Professional Paper 248-C. The Jervey pegmatite is not described as it was unknown at the time the report was written.

The pegmatite is at least 160 feet long and ranges from 2 to 3 feet in thickness as exposed in the bulldozer trench and old mine workings. It does not

crop out beyond the workings as it is buried beneath five to six feet of alluvium and stream gravels. The pegmatite trends North and dips 45 to 50 degrees East, parallel to the foliation of the enclosing biotite-feldspar gneiss, throughout the northern 95 feet of the old workings, as indicated mainly by the outline of these workings and a few, widely separated exposures of the pegmatite. South of this section of the workings the pegmatite body trends N. 5° E., and dips 65° SE., and is also conformable to the foliation in the wall rock.

The pegmatite body, judging by the outlines of the old workings, is also offset on the footwall side at two other places either by faulting or by rolls in the plane of weakness along which it was emplaced. The offsets are small in horizontal dimension as they are about the width of the pegmatite body. A slickensided fault plane is exposed in a shallow prospect pit at the south end of the workings, but the pit is not deep enough to reveal the effect of the fault on the pegmatite.

The pegmatite is deeply decomposed as exposed in the floor of the workings where it consists of kaolinite, muscovite, and quartz. Exposures outside of the workings do not reveal the lower depth of weathering in either the pegmatite or the wall rock. Near the central part of the workings it appears to be thicker and contains a poorly exposed quartz-perthite core. Some of the perthite is unweathered and occurs in 12-inch crystals. Garnet and beryl are accessory minerals in the core. Beryl forms well-shaped crystals that are 2 to 3 inches in average diameter. None was seen in place and the number of crystals recovered in mining has been small. Books of muscovite occur throughout the pegmatite, but are most abundant on the footwall side. According to Mr. Baltzley the mica content has been consistent throughout the explored length of the pegmatite. The exposures seen were insufficient to form a basis for any estimate of the muscovite content of the pegmatite. Where exposed, however, muscovite was visually estimated to

form 15 to 20 percent of the pegmatite.

Despite the apparent richness in muscovite of this pegmatite, the recovery of block muscovite that will yield sheet mica will be low because of the defects of the mica. Much of the mica seen in the walls was cracked and broken so that a book that is 8 inches across would only yield sheet of the smaller sizes. In addition, most of the mica from the south end, and reportedly from the north end also, is warped and waved. According to Mr. Baltzley, the mica recovered from the central part of the workings has a higher percentage of flat sheet than the mica from the ends of the workings. With proper preparation, as proved by the sales to the GSA Mica Depot at Spruce Pine, this mica yields a high proportion of good stained or better sheet. Inspection of the block mica from this mine stored at Baltzley's mica house and of block mica in place at the mine indicates that a very large proportion of the sheet recovered will be in the smallest sizes, that the quantity of sheet in the larger sizes will be very small, and that most of the product of the rifting and trimming will be punch mica.

The proposal to explore this pegmatite by sinking a 65-foot vertical shaft 45 feet east of the hanging wall of the pegmatite and at right angles to the thickest part of the pegmatite appears to be sound on the basis of the observed geology. The whole thickness of the pegmatite will have to be mined as a unit as the pegmatite is too thin for selective mining, and if the shaft is sunk on the pegmatite the walls of the shaft will be in the wall rock, which probably is decomposed to a greater depth than the pegmatite. The pegmatite does not appear to contain enough recoverable beryl for this mineral to pay for any part of the mining costs. None of the other minerals except the muscovite are in commercial quantities.

Availability of Manpower, Materials, Supplies, Equipment, Water and Power:

General labor is available locally at $1.25 per hour; experienced labor is available from the Spruce Pine, North Carolina pegmatite district at $1.50 an hour. Materials, supplies and equipment can be procured in Richmond, 27 miles northeast. Water is available in the adjacent small creeks or in the James River, 0.5 mile to the north. The R.E.A. power line runs close to the property.

Statement of Applicant's Proposal:

The exploration program as outlined in the application appears to be the most expedient method of exploring this deposit. Since both walls are of decomposed mica gneiss excessive costs in labor and materials would be required to retain the walls. It is considered more economical to sink a shaft on the hanging wall side to intersect the pegmatite at a good prospecting depth, than to try to put the shaft down on the pegmatite from the bottom of the old open cut.

The unit cost estimate presented with the application appears sufficient but not exorbitant. The target seems plenty large in view of the past production and normal potentalities. If the quantity of mica holds up to the percentage as mined in the open cut, the quality might improve and this exploration should be very successful and the exploration costs easily paid off.

Exploration Project:

The expected starting time of this project is within 30 days after the contract is signed.

The expected time for completion of the exploratory program is 4 months. Shaft work, 8 weeks, working 6 days a week, and crosscutting and/or drifting, 8 weeks, working 5 days a week.

Description of the Project:

Stage I - consists of sinking a 5 x 7 foot shaft to a depth of 65 feet, and cutting a station at the 60-foot level with a 5-foot sump. The shaft site is

45 feet east of the hanging wall side of the pegmatite and due east of the swell in the pegmatite which is approximately the center of the present 160-foot long open cut. With the pegmatite dipping 45° to 50° to the east the shaft should cut it at a depth of about 60 feet. The probable overburden is 5 to 6 feet deep and there is a slight rise in the topography towards the shaft site.

State II - consists of crosscutting to the pegmatite and drifting both directions along the strike to explore for strategic mica (maximum 100 feet).

Other Data:

Sinking an inclined shaft from the bottom of the open cut is not considered feasible. The pegmatite is thin and the wall rock is decomposed to an unknown depth. Therefore, the shaft would be in decomposed country rock and constantly hampered by sloughing walls in the open cut and surface drainage. The cost of maintaining an inclined shaft under heavy ground would probably be prohibitive. Also, an inclined shaft would require leaving pegmatite pillars for support. This would materially reduce the recovery of mica, and in this case, the loss in mica could easily exceed the cost of the proposed vertical shaft.

The Field Team concurs in the applicant's proposal for a vertical shaft.

Allowable Costs of Project:

Sub-contracts: None

Labor, supervision, consultants:

		Stage I - (8 wks, 6 days/wk)	Totals
Common labor	- 2 man @ $1.25 (including overtime) - 832 hrs.	$1,040.00	
Skilled labor	- 1 man @ $1.50 - 416 hrs.	624.00	
Supervision	- 1 man @ $2.00 (half time) - 208 hrs.	416.00	$2,080.00

Operating materials and supplies:

Timber	- 15M bd. ft. @ $30/M	$450.00	
Hardware	-	100.00	
Gasoline and oil	-	125.00	
Powder and caps	-	75.00	$ 750.00

Operating equipment: (to be rented)

Air compressor	- 2 mos. @ $190.00	$380.00	
Hoist and cables	- 2 mos. @ $77.50	155.00	
Jackhammer, hoses, steel	- 2 mos. @ $42.50	85.00	
Pump	- 2 mos. @ $60.00	120.00	
Detonator	- 2 mos. @ $5.00	10.00	$ 750.00

Rehabilitation: None

New buildings: None

Miscellaneous - equipment repairs and maintenance, accounting, insurance, taxes:	$250.00	$ 250.00
Contingencies:	$100.00	$ 100.00

Total cost of Stage I — $3,930.00

Labor, supervision, consultants (continued):

		Stage II - (8 wks, 5 days/wk)		Totals
Common labor	- 2 men @ $1.25	- 640 hrs.	$ 800.00	
Skilled labor	- 1 man @ $1.50	- 320 hrs.	480.00	
Supervision	- 1 man @ $2.00 (half time)	- 160 hrs.	320.00	$1,600.00

Operating materials and supplies:

Timber	-	None	
Hardware	-	None	
Gasoline and oil-		$ 125.00	
Powder and caps -		75.00	$ 200.00

Operating equipment: (to be rented)

Air compressor	- 2 mos. @ $190.00	$ 380.00	
Hoist and cables-	2 mos. @ $77.50	155.00	
Jackhammer, hoses, steel -	2 mos. @ $42.50	85.00	
Pump	- 2 mos. @ $60.00	120.00	
Detonator	- 2 mos. @ $5.00	10.00	$ 750.00

Rehabilitation: None

New buildings: None

Miscellaneous - equipment repairs and maintenance, accounting, insurance, taxes:	$ 250.00	$ 250.00
Contingencies:	$ 100.00	$ 100.00

Total cost of Stage II — $2,900.00

Stage I -	$3,930.00
Stage II-	2,900.00
Total cost of project -	$6,830.00
Government participation - 75 percent -	$5,122.50

These figures are based on a hypothesis of 1-1/2 feet per shift progress in the shaft work with a 3-man crew. The headframe and hoist house are included as shaft work. Two and a half feet advance is used for cross-cutting and drifting. These costs were based on Mr. Baltzley's shaft sinking operation at the Baltzley No. 1 mine last year.

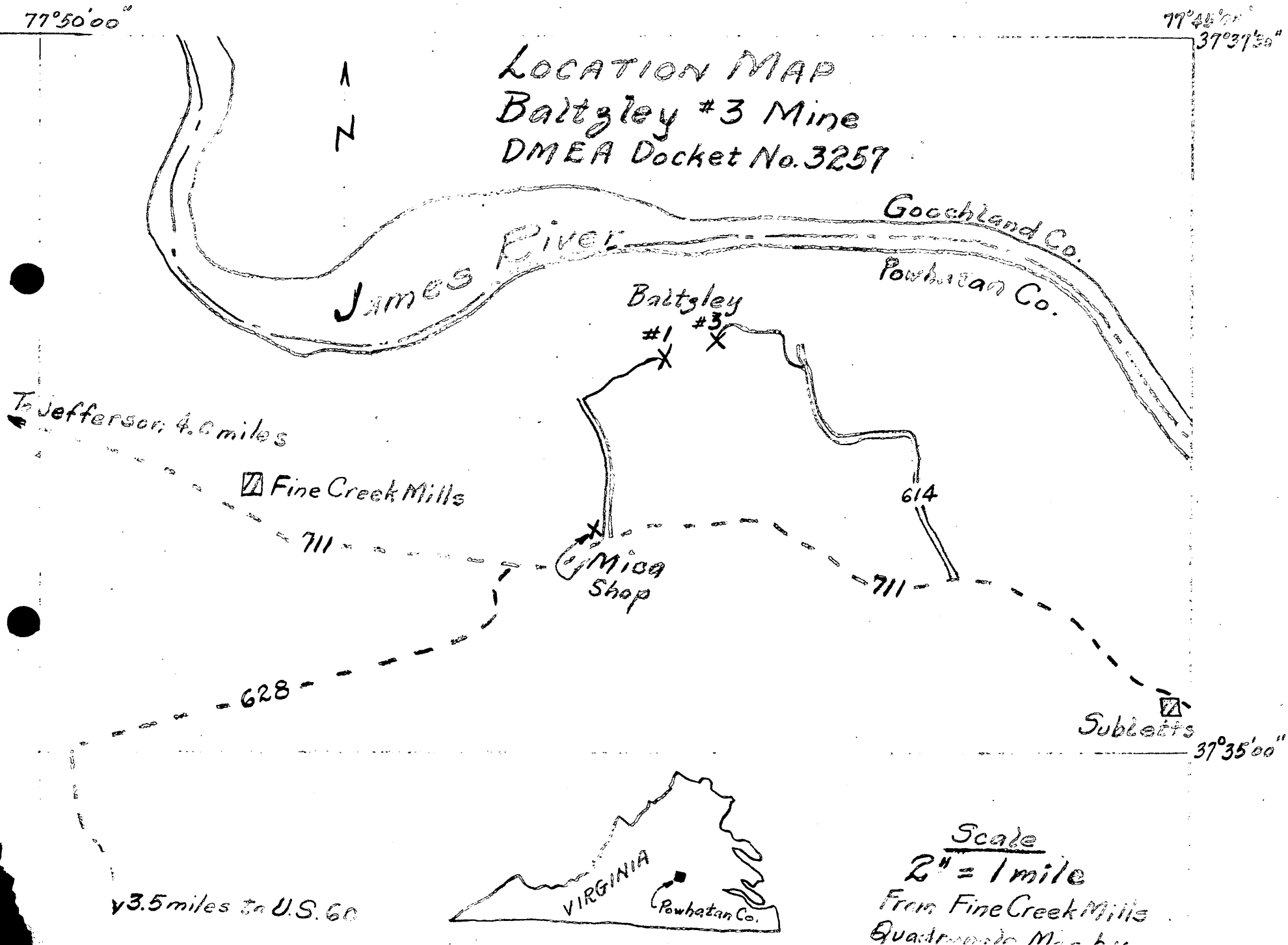
W. T. Millar

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

Quentin D. Singewald

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

College Park, Md.
April 8, 1954


77°50'00"
77°48'00"
37°37'30"
LOCATION MAP
Baltzley #3 Mine
DMEA Docket No. 3257
N
James River
Goochland Co.
Powhatan Co.
Baltzley
#1
#3
To Jefferson 4.0 miles
Fine Creek Mills
711
614
Mica Shop
711
628
Subletts
37°35'00"
3.5 miles to U.S. 60
VIRGINIA
Powhatan Co.
Scale
2" = 1 mile
From Fine Creek Mills
Quadrangle Map

160
12

20
12

Goochland
18-19-20-21
Powhatan
23-24-25-26

(1) How deep did the Baltzley #1 go (60 vertical) (2×6)
(2) What kind of shaft
(3) What will be the cost of an inclined shaft
(4) Bertito gneiss
(5) How was cost of headframe figured - Cost - not charged to project
(6) advance based on Baltzley operation what does FT think
(7) 1953 - USGS Bull 248C notes the surrounding gneiss & schist contain abundant lenticular lenses of pegmatite & granite many lense like. Some are more than 330' long and most pinch at rather shallow depth. Chief Delphin Mine has inclined shaft.

Rubenid

(1) When was last rock on "C" area gossy. $300 cutoff Northern

Hunter

Baltzley #1 - lense oval shaped 40 to 50' across east wall zone (max 4' thick) - open cut 20' - depth of weathering ± 60' on top of knob - Drifting below 60' of shaft

Baltzley # 3 - depth of weathering deeper.
/ close to groundwater

APR 1 9 1954

Mr. W. B. Baldwin

Pendleton, Virginia

Re: Docket No. DMA-2257 - Mica-Beryl
Baldwin No. 3 Mine
Pendleton County, Virginia

Dear Mr. Baldwin:

Reference is made to your application for assistance in exploring the subject property.

If you will be so kind, we would like to have you furnish information which will be helpful in our review of your application. We would like to have a description and estimated cost of the handframe. The description should include height, size and amount of timber, and size of sheave wheel. The breakdown of the costs into labor, materials, and supplies would be appreciated. Did you encounter heavy grounds in shaft sinking at the Baldwin No. 1?

Processing of your application will continue upon receipt of above requested information.

Sincerely yours,

SIGNED

Lawrence G. Hook, Chief
Nonmetallic Minerals Division

LGHook:gmd 4/19/54

Copy to: Admr. R. File
Docket File
Field Team, Region VIII
Mr. Dietrich, 3061
Mr. Larrabee, 6-232 GSA Bldg.
Mr. Hook

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

Received
APR 2 1954

April 2, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3257

Applicant: W. D. & M. Baltzley

Name and Location of Property: Baltzley No. 3
Powhatan, Virginia

Date of Field Team's Report: March 22, 1954

Date Rec'd. by Ceramic & Fertilizer Materials Br.: March 29, 1954

Field Team's Recommendation:

1. Approval of applicant's exploration proposal.

Comments:

1. The pegmatite appears to be at least 160 feet long and from 2-3 feet thick.

2. Strategic mica obtained from the open cut of this mine was sold to the Government Purchasing Depot.

3. Exploration by a 65-foot vertical shaft 45 feet east of the hanging-wall of the pegmatite and at right angles to the thickest part of the pegmatite is proposed by the examiners but no breakdown is given for the estimated costs. It is mentioned in the report that the contract should be written on a unit-cost basis as outlined in the application. Item 6 on page 4 of the application submitted February 15, 1954 shows "unit cost basis, 65-foot shaft @ $60 per foot totaling $3,900 and 100-foot drift or crosscut @ $30 per foot totaling $3,000, giving a grand total of $6,900." The unit-cost for the shaft appears to be from $5-$10 higher than is customary in the southeastern States and no mention is made in the field team's report whether the drifting as proposed by the applicant is to be considered as a part of the field team's recommendation.

Recommendation:

It is suggested the field team be requested to submit a definite plan of exploration and a breakdown of the estimated expenditures on a unit-cost basis, before the contract is approved.

Signed

W. F. Dietrich

MAR 3 0 1954

Mr. W. S. Miller
Executive Officer, BMRA
Field Team, Region VIII
Bureau of Mines
Bureau Experiment Station
College Park, Maryland

Subject: Docket No. [illegible] - Miss-Bryl
E. B. Bailey and Steve Bailey
Bailey No. 3 Mine
Pocahontas County, Virginia

Dear Mr. Miller:

Reference is made to the field team examination report on the subject property.

It is suggested that the field team recommend a new approach to exploring this deposit. We suggest that exploration work be confined to the properties.

Before writing a contract, we must determine from the field team report the geological grounds upon which the contract is recommended and apply the same criterion of geological probability of making a significant discovery. Indicate of reserves on these items in the field team report would greatly facilitate our work here.

In field team examination reports recommending work under contracts the estimated costs should be broken down. (See Special Budget in the Minutes of the Operating Committee No. [illegible], dated Monday 12, 1953.) In asking an estimate the amount should be based upon an efficient operation using a standard drill round. In asking estimates for short work it will be necessary for the field team to use their knowledge of local geology in estimating the depth of exploring on these costs should be differed from the cost in the recommend projection.

Please refer to Memorandum No. 9 of July 14, 1953, from the Operating Committee, to alternate costs of a recommended project, particularly Section 37 (h). In the future a complete breakdown of the proposed costs should be submitted with each field team examination on which a contract is recommended.

We are unable to get a clear picture of past operations, since the report appears to contain inconsistencies. In two places

of the report it is stated that the mine workings, from which past production came, consist of an open cut 160 feet long, 20 feet wide, and 12 feet deep. The Operator's sketch shows that work consists of an open cut 75 feet long, 20 feet wide and a maximum depth of 12 feet. In Paragraph 11 of the report, in citing past operations, it says the only period of activity for this deposit appears to have been in 1953 when a cut was made 75 feet long, 20 feet wide, and 12 feet deep. In one instance the report says the pegmatite averages about 4.5 feet wide, and in another the pegmatite ranges from 2 to 3 feet in thickness.

We would appreciate having the field team review their report and submit a revised one.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

T. P. Thayer

Member, Geological Survey

LCHook:gad 3/26/54

Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3061
Mr. Larrabee, 6232 GSA Bldg.
Mr. Hook

C
O
P
Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
College Park, Maryland

March 22, 1954

Memorandum

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

From: Executive Officer, DMEA Field Team, Region VIII

Subject: Docket No. DMEA-3257 (Mica-Beryl)
W. D. Baltzley and Mavos Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia

In reference to your letter of March 1, regarding a field examination of subject application, enclosed are the original and three copies of a report on examination of this property.

/s/ W. T. MILLAR
W. T. Millar

Enclosures-4

Reviewed by
DMEA OPERATING COMMITTEE
3-26-54
(date)

FIELD TEAM REPORT ON EXAMINATION OF PROPERTY

1. DMEA Docket No. 3257 - (Mica - Beryl)

2. Applicant: W. D. and Mavoe Baltzley,
Powhatan, Virginia

3. Summary, Conclusions and Recommendations:

The Baltzley #3 Mine deposit produced mica of strategic quality, which was accepted by the Spruce Pine Mica Purchasing Depot, Spruce Pine, North Carolina. This production was from an open cut, 160 feet long, 20 feet wide and 12 feet deep, which was operated by Clinton Dolphin during 1953 and W. D. Baltzley during 1954. The geologic indications are favorable for production of mica. Warranty, Acceptance and Invoice No. EPS-4-780A confirms sales to the Government Depot. The applicant, W. D. Baltzley, has shown his ability to mine and handle mica and also to sink an exploratory shaft.

The exploratory program outlined in the application appears to be the most appropriate method for this deposit. The Field Team recommends that this application be approved.

4. Time spent on Property:

The Field Team, composed of J. B. Hanley of the U. S. Geological Survey and Gustave L. Neumann of the Bureau of Mines, spent the afternoon of March 9, 1954 looking over Baltzley #1 and Baltzley #3 and the Baltzley mica shop. They were accompanied by W. D. Baltzley.

5. Name and Location of Property:

(a) The Baltzley mica shop (see map) is located on Va. Highway 711 approximately 10 miles from Powhatan. It is about 27 miles southeast of Richmond. Baltzley #3 Mine is about 3.5 miles from the Baltzley mica shop by a roundabout road.

Reviewed by
DMEA OPERATING COMMITTEE
3-26-54
(date)

(b) The operation is in Powhatan County, Virginia

(c) It is in the Fine Creek Mills Quadrangle, latitude N. 37° 36' 30", longitude W. 77° 47' 00".

6. Condition and Accessibility of Road to Property:

The highway to the property (Jervey Farm) is a good all weather black top road, Va. Highway 711. The road into the farm is a good gravel road, Va. Highway 614. From the farmhouse is a fair dirt road 0.3 mile to the deposit. Since no heavy hauling is necessary for a mica-beryl operation the present roads should be adequate.

7. Competence of Applicant:

The applicant appears to be a good mica operator. W. D. Baltzley has successfully operated the Baltzley #1 Mine on the Dolphin Farm for the past two years. The Dolphin Farm adjoins the Jervey Farm. Baltzley last year did a good job sinking a 60-foot shaft on the Dolphin Farm. He also operates a mica shop near the Dolphin deposit, employing from five to eight women as rifters and trimmers. He assured the Field Team that he could put up his share of the exploratory expense. He has recruited most of his operating personnel from the Spruce Pine, North Carolina district, where experienced help is plentiful.

8. Applicant's Property Rights:

(c) The applicant has a three year lease on the Jervey Farm and has submitted a copy of the lease along with properly executed Owner's Consent to Lien forms (MF-203) with the application.

(e) The applicant assured the Field Team that there are no mortgages or liens existing against the lease.

9. Description of Property:

(a) Surface and surface facilities - The surface at the Baltzley #3 Mine is fairly flat. The deposit is on a knob surrounded by low rolling country,

located about 0.5 mile south of the James River. Two small creeks, one at each end of the deposit, run into the River. The only surface equipment at present is a small gasoline driven pump. Most of the work has been by pick and shovel. A bulldozer was used in the open cut work for stripping a 5-6 foot overburden.

(b) The present mine workings consist of an open cut approximately 160 feet long, trending N-S. It is about 20 feet wide at surface and 12 feet deep at the lowest point. The pegmatite averages about 4.5 feet wide. There is a swell about the center, which is about 10 feet wide. There are no underground workings.

(c) Existing Development - The sketch map included with the application gives a good picture of the present development. The mica recently sold to the Spruce Pine depot by Baltaley came from the south end of the open cut. The sale is confirmed by G.S.A. Warranty, Acceptance and Invoice No. EPS -4-780A. This south end and a small section in the center were the only parts of the pegmatite which could be viewed at the time of the Field Team's visit.

10. Geology and Ore Reserves:

The Jervey pegmatite body on Judes Ferry Farm, mined under the name of the Baltaley #3 Mine, is in the bottom of a small amphitheater formed by the junction of several minor tributaries to the James River. The pegmatite trends in a general northerly direction between two of these tributaries. The general geologic setting of the area as well as the general features of the pegmatites in the area are set forth by Jahns and Griffitts in U. S. Geological Survey Professional Paper 248-C. The Jervey pegmatite is not described in this publication as it was not known at the time this report was written.

The pegmatite is at least 160 feet long and ranges from 2 to 3 feet in thickness as exposed in the bulldozer trench and old mine workings. It does not crop out outside of the workings as it is buried beneath five or six feet

of alluvium and stream gravels. The pegmatite trends North and dips 45 to 50 degrees East, parallel to the foliation of the enclosing biotite-feldspar gneiss, throughout the northern 95 feet of the old workings, as indicated mainly by the outline of these workings and a few, widely separated exposures of the pegmatite. South of this section of the workings the pegmatite body trends N. 5° E., and dips 65° SE., and is also conformable to the foliation in the wall rock.

The pegmatite body, judging by the outlines of the old workings, is also offset on the footwall side at two other places either by faulting or by rolls in the plane of weakness along which it was emplaced. The offsets are small in horizontal dimension as they are about the width of the pegmatite body. A slickensided fault plane is exposed in a shallow prospect pit at the south end of the workings, but the pit is not deep enough to reveal the effect of the fault on the pegmatite.

The pegmatite is deeply decomposed as exposed in the floor of the workings where it consists of kaolinite, muscovite, and quartz. Near the central part of the workings it appears to be thicker and contains a poorly exposed quartz-perthite core. Some of the perthite is unweathered and occurs in 12-inch crystals. Garnet and beryl are accessory minerals in the core. Beryl forms well-shaped crystals that are 2 to 3 inches in average diameter. None was seen in place and the number of crystals recovered in mining has been small. Books of muscovite occur throughout the pegmatite, but are most abundant on the footwall side. According to Mr. Baltzley the mica content has been consistent throughout the explored length of the pegmatite. The exposures seen were insufficient to form a basis for any estimate of the muscovite content of the pegmatite. Where exposed, however, muscovite was visually estimated to form 15 to 20 percent of the pegmatite.

Despite the apparent richness in muscovite of this pegmatite, the recovery of block muscovite that will yield sheet mica will be low because of

the defects of the mica. Much of the mica seen in the walls was cracked and broken so that a book that is 8 inches across would only yield sheet of the smaller sizes. In addition, most of the mica from the south end, and reportedly from the north end also, is warped and waved. According to Mr. Baltzley, the mica recovered from the central part of the workings has a higher percentage of flat sheet than the mica from the ends of the workings. With proper preparation, as proved by the sales to the GSA Mica Depot at Spruce Pine, this mica yields a high proportion of good stained or better sheet. Inspection of the block mica from this mine stored at Baltzley's mica house and of block mica in place at the mine indicates that a very large proportion of the sheet recovered will be in the smallest sizes, that the quantity of sheet in the larger sizes will be very small, and that most of the product of the rifting and trimming will be punch mica.

The proposal to explore this pegmatite by sinking a 65-foot vertical shaft 45 feet east of the hanging wall of the pegmatite and at right angles to the thickest part of the pegmatite appears to be sound on the basis of the observed geology. The whole thickness of the pegmatite will have to be mined as a unit as the pegmatite is too thin for selective mining. The pegmatite does not appear to contain enough recoverable beryl for this mineral to pay for any part of the mining costs. None of the other minerals except the muscovite are in commercial quantities.

11. Past Operations:

The only period of activity for this deposit appears to have been in 1953, when Clinton Dolphin made a cut approximately 75 feet long, 20 feet wide and 12 feet deep. From this he sold approximately $7,300.00 worth of muscovite mica to the Government Purchasing Depot at Spruce Pine. The breakdown on this mica

was as follows:

	Grade 3	Grade 4 & 5	Grade 5½ & 6
	Pounds	Pounds	Pounds
Good stained -	0.80	54.28	219.26
Stained -	1.68	53.43	151.81
Heavy stained -	-	7.56	16.34

Total sold - 536.82 pounds, 57% good stained, 39% stained, 4% heavy stained.

The operator, Clinton Dolphin, had a one year lease and did not work the property too diligently, so that the owner refused to renew the lease. Mr. Baltzley has a reputation as a very good operator, substantiated by his sales record at the Spruce Pine depot, and, so had no difficulty in obtaining the lease from Jervey.

12. Availability of Manpower, Materials, Supplies, Equipment, Water & Power:

General labor is available locally at $1.25 per hour; experienced labor is available from the Spruce Pine, North Carolina, district at $1.50 an hour. Materials, supplies and equipment can be procured in Richmond, 27 miles. Water is available in the adjacent small creeks or in the James River, 0.5 mile to the north. An R.E.A. power line runs close to the property.

13. Statement of Applicant's Proposal:

The exploration program as outlined in the application appears to be the most expedient method of exploring this deposit. Since both walls are of mica schist it seems more advisable to sink a shaft on the hanging wall side, intersecting the vein at a good prospecting depth, than to try to put the shaft down on the vein from the bottom of the old open cut.

The unit cost estimate presented with the application appears sufficient but not exorbitant. The target seems plenty large in view of the past

production and normal potentialities. If the quantity of mica holds up to the percentage as mined in the open cut, the quality might improve and this exploration should be very successful and easily pay off.

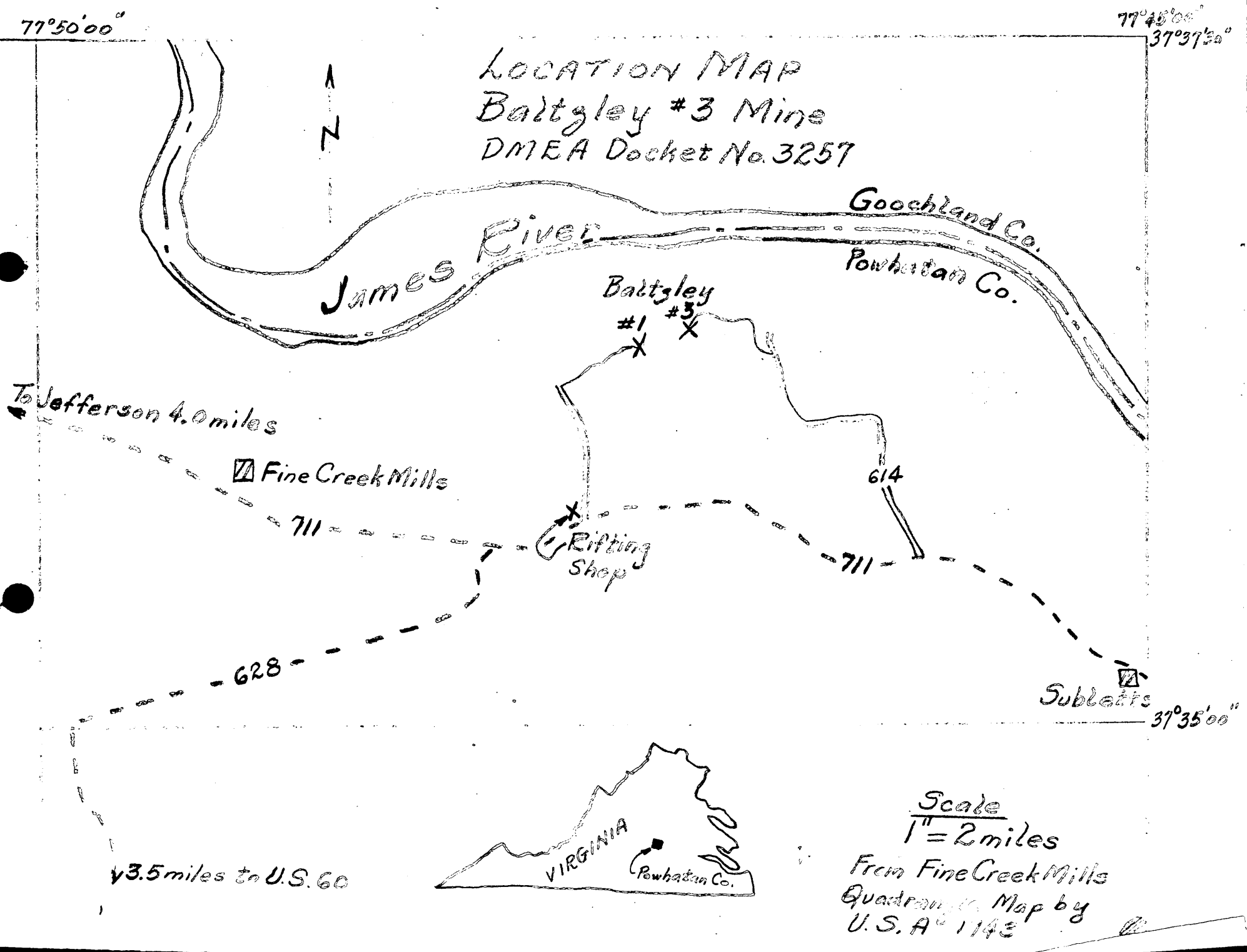
W. T. Millar

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

Quentin D. Singewald

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

College Park, Md.
March 18, 1954


77°50'00"
77°45'00"
37°37'30"
LOCATION MAP
Baltgley #3 Mine
DMEA Docket No. 3257
N
Goochland Co.
James River
Powhatan Co.
Baltgley
#1
#3
To Jefferson 4.0 miles
Fine Creek Mills
711
614
Rifting Shop
711
628
Sublett's
37°35'00"
3.5 miles to U.S. 60
VIRGINIA
Powhatan Co.
Scale
1" = 2 miles
From Fine Creek Mills
Quadrangle Map by
U.S.A. 1943

IN REPLY REFER TO:

G-MD-CNM

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

March 25, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3257 (mica-beryl)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: W. D. and Mavos Baltzley
Name of property: Baltzley No. 3 mine (Jervey pegmatite)
Location of property: Baltzley #3 mine about 10 miles from Powhatan, Virginia.
Date of field team report: March 22, 1954
Authorship of field team report: J. B. Hanley and G. L. Neumann.
Field team's recommendation: Sink 65' vertical shaft 45' east of the hanging wall of the pegmatite. Drift and crosscut 100' on the pegmatite.

Total $6,900

Comments:

1. Remove beryl from the "reason for project," and let the project stand on mica.

2. Recent records indicate this to be a good possibility of becoming a significant producer.

ACTION RECOMMENDED:

Follow field team's recommendation.

D. M. Larrabee

Larrabee:jeh
3/25/54

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

600

MAR 1 1954

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

Subject: Docket No. DMEA-3257 - Mica-Beryl
W. D. Baltzley and Marvin Baltzley
Baltzley No. 3 Mine
Powhatan County, Virginia

Dear Mr. Millar:

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

Copies of memoranda from the Geological Survey, dated February 17, 1954, and from the Bureau of Mines, dated February 23, 1954, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

Philip W. Guild

Member, Geological Survey

Enclosures 4

LGHouk:gad 2/26/54
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

600

MAR 1 1954

Mr. M. R. Baltsley

Powhatan, Virginia

Re: Docket No. DMEA-3297 - Mica-Beryl
M. R. Baltsley and Maree Baltsley
Baltsley No. 3 Mine
Powhatan County, Virginia

Dear Mr. Baltsley:

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

Kindly obtain new Owner's Consent to Lien as the General Services Administration does not deduct the royalty due the Government. Seven blank copies of Form MF-203, Owner's Consent to Lien, are enclosed for your use, six copies of which should be returned to this office. The Owner's Consent to Lien forms forwarded with your application are returned herewith.

On November 3, 1953, Amendment No. 3 to DMEA Order-1 became effective and limited Government participation in the case of mica to 75 percent of the approved costs. Inasmuch as your application was received after November 3, 1953, please advise this office in writing if you desire to have your application processed under the new Government participation rate. The processing of your application will be deferred until receipt of your reply. A copy of our release of November 3, 1953, is enclosed for your information.

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,

LOHook:gad 2/26/54

D. O. Mitenbuler

Administrator

Copy to: Admr. R. File
Docket File
Field Team, Reg. 8
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, 0-232 GSA
Mr. Hook

Enclosures 14

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

Defense Minerals Administration
RECEIVED
FEB 24 1954

February 23, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3257

Applicant: W. D. Baltzley & Mavos Baltzley

Name and Location of Property: Baltzley No. 3
Powhatan County, Virginia

Application Rec'd by Ceramic & Fert. Mats. Branch: February 16, 1954

Comments:

1. Applicant indicates Clinton Dolphin sold mica from this mine to the GSA Mica Purchasing Depot, Spruce Pine. Bureau of Mines records show Mr. Dolphin sold 480 pounds of mica from the Dolphin mine and 58 pounds from the Jervey mine.

2. Estimated cost of project - $6,900.00.

Recommendation:

It is recommended the field team visit this mine when a member of the field team is in that vicinity to ascertain if an exploration program is justified.

Signed

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CNM

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

Memorandum

February 17, 1954

REVIEW OF APPLICATION DMEA-3257 (MICA-BERYL)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. A. Brobst, U. S. Geological Survey
Applicant's name and address: [illegible]. D. and Mavos Baltzley, Powhatan, Va.
Name of property: Baltzley No. 3 (new name).
Location of property: Jude's Ferry Farm, Powhatan County, Va.
Summary of applicant's proposal:

Sink 65' of 5'x7' shaft @ $60/ft.		$3900
100' of drift or crosscut	$30/ft.	3000
		$6900

Sources of information on applicant's property:
No information in the files.

Comments:

1. The proposal to intercept the peg at depth appears to be sound.
2. The statistics presented in the application make this mine appear very good! The 242 tons of peg removed must have yielded about 800 lbs. of strategic sheet mica valued at approximately $14/lb. The 5.25 tons of block mica equal 2.1% of the deposit mined. Each ton of rock probably contained about 3.3 lbs. of strategic sheet mica with a value of about $45. If 5'x7' drift costs $35/ft, approximately 3 tons of rock valued at about $135 are removed for every foot of drift yielding a net gain of about $100/ft, even excluding values from beryl and poorer mica.
3. If the statistics presented in the application are accurate, the mine could be a fine producer.
4. The applicants are presumably aware of the 75-25% arrangement.
5. If the facts are correct, I wonder why the previous operator quit?!!

RECOMMENDATION: Have the field team examine the property.

D. A. Brobst

Brobst:jeh
2/17/54
cc: Director's reading 4212
Branch reading 4212
DMEA 3
Brobst G-230

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

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

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 ..... Operator .....

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

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

Remarks: .....

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

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 November 1954 Docket No. DMEA 3257 Contract No. IDM-E673

Operator's Name D. Ann Mavos Baltzley Minerals Mica

Address Pamplin, Virginia

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	Foot	240.00	8	240.00	8	30.00	100	30.00
Raising								
Shafts	Foot	250.00	5	3250.00	65	50.00	65	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		490.00	13	3490.00				6250.00

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.

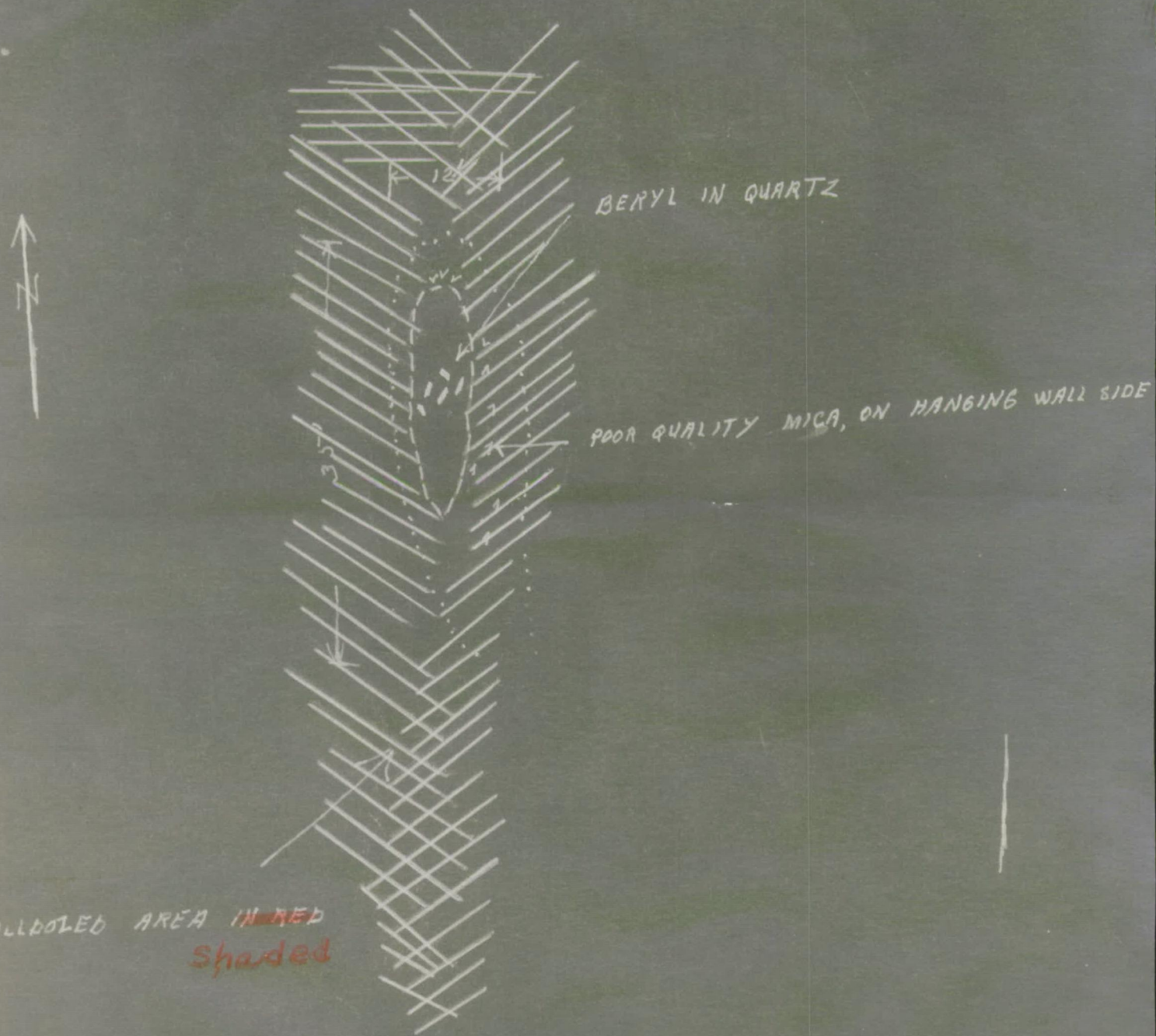
Date 11-27-54 Operator D. Ann Mavos Baltzley

Per Title

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)

SOUTH TRENCH
AT BALTZLEY MINE #3