DMEA-3085
Mica
Region VII

A ✓

PHILLIPS, GRINDSTAFF, AND BOYD, SPRUCE PINE, NORTH CAROLINA.
J. H. Reynolds Mine, Upson County, Georgia. 8-31-53
Letter to the Field requesting further advice on the #262
water problem before making final decision on the Field Team's recommendation that exploration assistance be granted.

DMEA-3085
Mica
Region VII

A

PHILLIPS, GRINDSTAFF, AND BOYD, SPRUCE PINE, NORTH CAROLINA. 3-14-53
J. H. Reynolds Mine, Upson County, Georgia #255
Field Report recommending approval. The report was re-
ferred to the Commodity Group.

☑ Audited 7/19/55 — WORK ANALYSIS SHEET - DMEA PROJECT — ☐ Actual Cost

☐ Certified — Analysis as of 12/20/54 — ☑ Agreed Unit Costs

Incl. Voucher for Jan. 1954

Name C. R. Phillips, Henry Grindstaff + Fred Boyd — Docket No. 3085

State Georgia — Commodity Mica — Idm-E No. 635

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	90 Ft.	$3,150.00	41 Ft.	$1,435.00	1,435.00
Raising					
Shafts	70 Ft.	$3,500.00	40 Ft.	$2000.00	2,000.00
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		$6,650.00		$3,435.00	3435.00

Prepared by Walter C. Anderson

71626

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

C. R. Phillips, Henry Grindstaff & Fred Boyd

Spruce Pine, North Carolina

pertaining to Exploration Project Contract No. Idm-E635, Docket No. DMEA-3085, including Amendment No. 1, for the months of November 1953 to January 1954, inclusive, covering a project for the exploration of mica on property, known as the J. H. Reynolds Mine located in Upson County, Georgia.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, verification of work performed by reference to 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		$3,435.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$3,435.00

The contract calls for a 90 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Three thousand ninety-one and 50/100 Dollars

$3,091.50

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

E. D. Talbert

E. D. Talbert, Auditor

July 19, 1955

Division Copy

TERMINATION OF EXPLORATION PROJECT CONTRACT BY AGREEMENT
AFTER COMMENCEMENT BUT BEFORE COMPLETION OF THE WORK

It is agreed this 3rd day of January, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and C. R. Phillips, Henry Grindstaff and Fred Boyd, partners, Spruce Pine, North Carolina, hereinafter called the "Operator," parties to that certain Exploration Project Contract I-dm-E 635, Docket No. DMEA-3085, dated November 3rd 1953, that the said contract shall be and is hereby terminated as of the first date above written.

Any work prosecuted or costs incurred by the Operator after the date first above written shall be for the sole account of the Operator, except for (a) such necessary and reasonable costs and expenses as may be incurred in preserving and disposing of any facilities, buildings, fixtures, equipment, or other items, to the cost of which the Government has contributed and in which the Government has an equity, and (b) the costs of any reports, accounts, and winding-up and settlement actions provided for in the contract.

The undersigned Operator hereby releases and agrees to save harmless the Government from all claims and demands under or arising out of said Exploration Project Contract, except as herein expressly otherwise provided.

Witness the following signatures as of the day and year first above written.

UNITED STATES OF AMERICA

By W. A. Beck
Acting Executive Officer, DMEA-Reg. 5

(Operator)

By Henry Grindstaff

By Fred Boyd

By C. R. Phillips

RECEIVED
JUN 10 1955

RECEIVED
JUN 15 1955

18262-1

Divis[illegible] Copy

AMENDMENT NO.1

Docket No. DMEA- 3085 Mineral : Mica

Exploration Project Contract Idm-E 635

Date of Contract:**** November 3, 1953

Date of Amendment : June 25, 1954

Operator: C. R. Phillips, Henry Grindstaff, and Fred Boyd

JUSTIFICATION

1. Because of heavy ground and bad water conditions, original shaft caved and it was necessary to relocate shaft, and may be necessary to turn off levels at less than 70 feet proposed in original contract. Operator has been advised that footage in new shaft (39 feet) which duplicates that of original shaft will not be paid for under the contract.

2. These delays made it impossible to complete the project in the specified time. It is in the Government's interest to allow Operator sufficient time to complete the exploratory work if possible.

DIVISION COPY

EXPLORATION PROJECT

AMENDMENT No. 1

Contract Idm-E 635, DMEA-3085, dated 3rd November 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and C. R. Phillips, Henry Grindstaff, and Fred Boyd, partners, hereinafter called "Operator", be amended as follows:

1. In Exhibit "A" under Description of the work change Stage I to read as follows:

"From the open cut shown in the aforesaid map, sink a two-compartment shaft, 5' x 7' in cross section not in excess of 70 feet."

In Exhibit "A" under Description of the Work change Stage II to read as follows:

" After completion of Stage I, subject to the prior approval of the Government,"from a location in the shaft mutually agreeable to all parties concerned crosscut and/or drift shall be 5' x 7' in cross section."

In Exhibit "A" under Agreed Unit Costs change the second item to read as follows:

"Drifting and/or crosscutting - 90 ft. @ $35/ft. $3,150.00."

2. Article 3 is amended to provide that the Operator is to complete the project within a period of fourteen (14) months from the date of the contract, instead of eight (8) months as originally written.

This amendment shall not be construed to increase the estimated total cost of the project the aggregate total amount which the Government may be obligated to pay, or the percentage of the cost which the Government pay be obligated to pay, under the provisions of Article 4 of the contract form.

June 25, 1954

THE UNITED STATES OF AMERICA

By Robert A. Lawrence

By Henry Grindstaff
Partner

By Fred T. Boyd
Partner

By C R Phillips
Partner

MF-200 (A)
(February 1952)

DOCKET NO. DMEA [illegible]

COMMODITY [illegible]

Division Copy

IDM-E 635

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 27 1953

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

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 3rd day of November, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] [illegible]

hereinafter called the "Operator," as follows: [illegible]

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 [illegible], County of [illegible], described as follows: [illegible]

the Operator represents and undertakes:[4]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 9. *Changes and added provisions* _____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

C R Phillips (Operator)

By O O Mitteudorf
Administrator, Defense Minerals Exploration Administration

By Henry Greenwalt

Fred Boyd

Robin Houck Talbert

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

ANNEX I

The following provisions are in lieu of Article 6 :

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 this 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 (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

(a) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(b) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts, plus one-half ($\frac{1}{2}$) per cent 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) per cent 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 ($1\frac{1}{2}$) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) per cent.)

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 Op[illegible]s successor in interest to engage in any mining or production operat[illegible]

EXPLORATION PROJECT CONTRACT
C. R. PHILLIPS, HENRY GRINDSTAFF AND FRED BOYD
DOCKET NO. DMEA-3085

ANNEX II

The land referred to in Article 2 hereof is known as the J. H. Reynolds Mine, lying and being in the County of Upson and State of Georgia, adjoining the lands of Milton Hanson, J. P. Hanson and others. It is located 2.6 miles southwest of Yatesville, Georgia, and is described, by meters and bounds, as follows:

"Beginning at an old Oak snag stump on the dividing lines between the lands now or formerly owned by George Bundenthal, William Miller, and George Mitchell, said stump being southeasterly of the shaft sunk by William Miller upon said lands, and running due north along said line 330 feet to a marked Sumac Bush on said dividing line; thence running south 56 degrees 30 minutes west 223.7 feet to a green stump; thence running south 44 degrees east 279 feet more or less, to the beginning point, said lands containing 0.72 acres, more or less, being in the shape of an irregular triangle. The above description is that contained in the deed from RFC to Henry R. Grindstaff, et ux., Myrtle Grindstaff, of the County of Yancey and State of North Carolina, which deed is of record in the office of Clerk of the Superior Court, Upson County, Georgia, in Book of Deed Records No. 112, page 277-3."

EXPLORATION PROJECT CONTRACT
C. R. PHILLIPS, HENRY GRINDSTAFF AND FRED BOYD, PARTNERS
DOCKET NO. DMEA-3085

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica shall be accomplished in two successive stages in the area indicated on the attached map entitled "Sketch of J. H. Reynolds Mine, Upson Co., Ga. DMEA-3085 (mica)", by the work described below:

Stage I

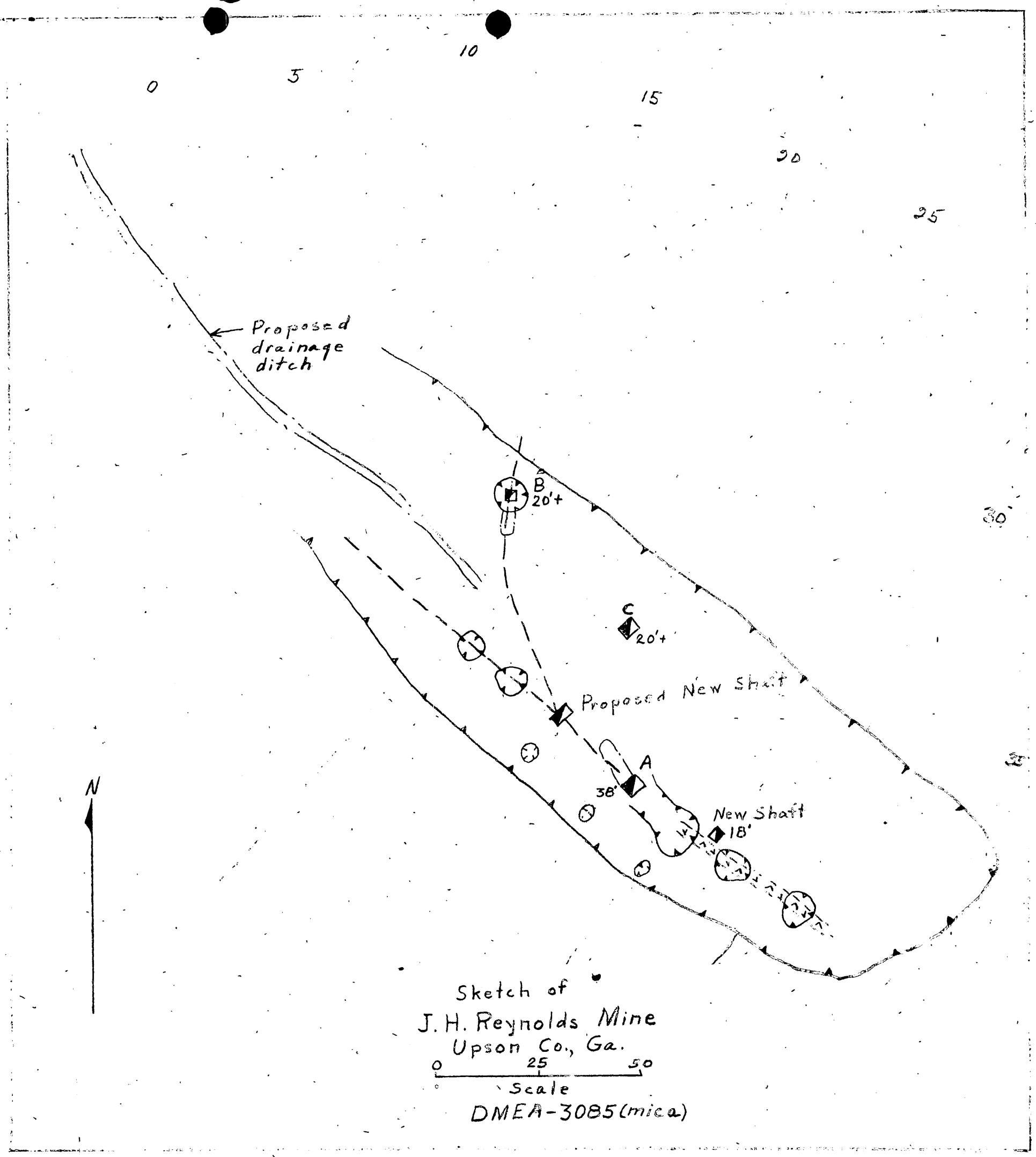
From the open cut shown on the aforesaid map, sink 70 feet of a two-compartment shaft, 5 feet by 7 feet in cross section.

Stage II

After completion of Stage I, subject to the prior approval of the Government, from the bottom of the shaft, drift 90 feet in the pegmatite. The drift shall be 5 feet by 7 feet in cross section.

Agreed Unit Costs

Shaft sinking - 70 feet @ $50.00/ft.	$3,500.00	
Drifting - 90 feet @ $35.00/ft.	3,150.00	
Total Agreed Unit Costs		$6,650.00
Government Participation @ 90%		$5,985.00


0
5
10
15
20
25
30
35
Proposed drainage ditch
B
20'+
C
20'+
Proposed New Shaft
A
38'
New Shaft
18'
N
Sketch of
J. H. Reynolds Mine
Upson Co., Ga.
0
25
50
Scale
DMEA-3085(mica)

600

MAR 2 3 1956

Messrs. C. R. Phillips, Henry Grindstaff
and Fred Boyd
Spruce Pine, North Carolina

Re: Docket No. DMEA-3083-Ala
C. R. Phillips, Henry Grindstaff
and Fred Boyd
J. H. Reynolds Mine
Upson County, Georgia
Contract No. 14s-3655

Gentlemen:

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

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

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

Sincerely yours,

G. C. Mitchell

Administrator

WUAnderson:ms 3/21/56
Copy to: Docket
Mr. Chambers
Field Team, Region V
Mr. Killagnard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson
Admr. R. File

Project Summary Report

March 20, 1956

By: Walter C. Anderson

1. Docket No. DMSA-3085-Mica
Contract No. Idm-E635
J. H. Reynolds Mine
Upson County, Georgia

Operators: C. R. Phillips, Henry Grindstaff and Fred Boyd
Spruce Pine, North Carolina

Application: Form MF-103(April, 1952) received June 18, 1953
Work proposed: 70 feet of shaft, 150 feet of drifts and 40 feet of crosscuts
Amount request: $10,150.00

Operators' Property Rights:
Owner

2. Contract: Form MF-200A(February, 1952), dated November 3, 1953

Work Authorized:

70 feet of shaft @ $50.00/ft.	$3,500.00
90 feet of drifts @ $35.00/ft.	3,150.00
Estimated Total Cost of Project	$6,650.00
Government participation @ 90%	$5,985.00

Amendments: No. 1 - 6/25/54 - changes wording in the description of work and extends completion date from July 3, 1954 to January 3, 1955.

Work Completed:

40 feet of shaft @ $70.00/ft.	$2000.00
41 feet of drifts @ $35.00/ft.	1435.00
Total Accepted Cost	$3435.00
Government participation @ 90%	$3091.50

Work started on November 5, 1953 and ended during March, 1954.
Terminated by mutual agreement on January 3, 1955.
Final Field Team Report received on June 27, 1955.
Operator's Final Report received on June 27, 1955.

Value of production during operation	$1,811.48
Royalty received	$ 90.58

No production since. No further royalties due.
No equipment purchased under contract.

3. Audit: Report of Review issued July 19,1955.

Accepted Cost	$3,435.00
Government participation	$3,091.50

4. Certification of Discovery - none issued

5. Comments:

How Conducted:

All of the work in which the Government participated was acceptable.

Operation: Good

Engineering: Operators' Reports were far below standard. The Final Report was very uninformative. Efforts to obtain improved reports were fruitless. All needed data were obtained through Field Team inspection and conversation with the Operators.

Geological Premise:

The premise that a mica bearing pegmatite would continue in depth did not materialize, since the bottom was reached 25-30 feet below the floor of open cut.

Geological Criteria upon which work was based:

1. Unweathered pegmatite, 5 feet thick, cutting foliation of mica-gneiss wall rock. Length not known, exposed for 150 feet.
2. Mica - 2 kinds - (1) yellowish-olive "A" books, less abundant than (2) cinnamon-brown mica, which is hard, flat, some ruled and cracked.
3. Past production beginning WWI not known, recent production amounts to about $6,200.00

Criteria Developed During Project:

1. Disconformable, zoned pegmatite, about 10 feet thick, bottomed 25-30 feet below floor of old open cut.
2. Mica - limited reserves, 151.34 pounds valued at $1,811.48 produced and sold during operation.

Future Possibilities:

Mine cannot be operated economically because of heavy ground and bad water conditions, and mica reserves are limited. Efforts to hold openings made under the contract and two additional shafts sunk at Operators' expense failed because of these conditions.

Recommendations: The Nonmetallic Minerals Division concurs in the Field Team's recommendation not to certify the project. The Commodity members of the Bureau of Mines and Geological Survey concur.

Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:ms 3/22/56
Copy to: Mr. Houk
Mr. Anderson
Admr. R. File

DOCKET COPY
Surname:
Anderson
Houk
Chambers
Selbridge
Johnson

UNITED STA[redacted]
DEPARTMENT OF THE [redacted]RIOR
DEFENSE MINERALS EXPLORATION AD[redacted]STRATION
WASHINGTON 25, D. C. 600

MAR 2 3 1956

Messrs. C. R. Phillips, Henry Grindstaff
and Fred Boyd
Spruce Pine, North Carolina

Re: Docket No. DMEA-3085-Mica
C. R. Phillips, Henry Grindstaff
and Fred Boyd
J. H. Reynolds Mine
Upson County, Georgia
Contract No. Idm-E635

Gentlemen:

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

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

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

Sincerely yours,

C. O. Mitteodorf

Administrator

WCAnderson:ms 3/21/56
Copy to: Docket
Mr. Chambers
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson
Admr. R. File

R.C.S.

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

Project Summary Report

March 20, 1956

By: Walter C. Anderson

1. Docket No. DMEA-3085-Mica
Contract No. Idm-E635
J. H. Reynolds Mine
Upson County, Georgia

Operators: C. R. Phillips, Henry Grindstaff and Fred Boyd
Spruce Pine, North Carolina

Application: Form MF-103(April, 1952) received June 18, 1953
Work proposed: 70 feet of shaft, 150 feet of drifts and 40 feet of crosscuts
Amount request: $10,150.00

Operators' Property Rights:
Owner

2. Contract: Form MF-200A(February, 1952), dated November 3, 1953

Work Authorized:

70 feet of shaft @ $50.00/ft.	$3,500.00
90 feet of drifts @ $35.00/ft.	3,150.00
Estimated Total Cost of Project	$6,650.00
Government participation @ 90%	$5,985.00

Amendments: No. 1 - 6/25/54 - changes wording in the description of work and extends completion date from July 3, 1954 to January 3, 1955.

Work Completed:

40 feet of shaft @ $70.00/ft.	$2000.00
41 feet of drifts @ $35.00/ft.	1435.00
Total Accepted Cost	$3435.00
Government participation @ 90%	$3091.50

Work started on November 5, 1953 and ended during March, 1954.
Terminated by mutual agreement on January 3, 1955.
Final Field Team Report received on June 27, 1955.
Operator's Final Report received on June 27, 1955.

Value of production during operation	$1,811.48
Royalty received	$ 90.58

No production since. No further royalties due.
No equipment purchased under contract.

3. Audit: Report of Review issued July 19,1955.

Accepted Cost	$3,435.00
Government participation	$3,091.50

4. Certification of Discovery - none issued

5. Comments:

How Conducted:

All of the work in which the Government participated was acceptable.

Operation: Good

Engineering: Operators' Reports were far below standard. The Final Report was very uninformative. Efforts to obtain improved reports were fruitless. All needed data were obtained through Field Team inspection and conversation with the Operators.

Geological Premise:

The premise that a mica bearing pegmatite would continue in depth did not materialize, since the bottom was reached 25-30 feet below the floor of open cut.

Geological Criteria upon which work was based:

1. Unweathered pegmatite, 5 feet thick, cutting foliation of mica-gneiss wall rock. Length not known, exposed for 150 feet.
2. Mica - 2 kinds - (1) yellowish-olive "A" books, less abundant than (2) cinnamon-brown mica, which is hard, flat, some ruled and cracked.
3. Past production beginning WWI not known, recent production amounts to about $6,200.00

Criteria Developed During Project:

1. Disconformable, zoned pegmatite, about 10 feet thick, bottomed 25-30 feet below floor of old open cut.
2. Mica - limited reserves, 151.34 pounds valued at $1,811.48 produced and sold during operation.

Future Possibilities:

Mine cannot be operated economically because of heavy ground and bad water conditions, and mica reserves are limited. Efforts to hold openings made under the contract and two additional shafts sunk at Operators' expense failed because of these conditions.

Recommendations: The Nonmetallic Minerals Division concurs in the Field Team's recommendation not to certify the project. The Commodity members of the Bureau of Mines and Geological Survey concur.

Walter C. Anderson

Walter C. Anderson
Nonmetallic Minerals Division

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

RECEIVED
FEB 20 1956

February 16, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V - Knoxville

Subject: DMEA-3085, Idm-E635 (mica) C. R. Phillips, Henry Grindstaff, and Fred Boyd. J. H. Reynolds Mine, Upson County, Ga.

Reference is made to your letter of February 6.

No production has been made from this mine since November 1954. The $1,811.48 represents all sales which are subject to royalty payments, of which we can find any records. Therefore, no further royalties are due on this contract.

Robert A. Lawrence

RAL/mm
ccs
Lynch
Beck
Files

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

RECEIVED
FEB 20 1956

February 16, 1956

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V - Knoxville

Subject: DMEA-3085, Idm-E635 (mica) C. R. Phillips, Henry Grindstaff, and Fred Boyd. J. N. Reynolds Mine, Upson County, Ga.

Reference is made to your letter of February 6.

No production has been made from this mine since November 1954. The $1,811.48 represents all sales which are subject to royalty payments, of which we can find any records. Therefore, no further royalties are due on this contract.

Robert A. Lawrence

RAL/sm
cc:
Lynch
Beck
Files

600

FEB - 6 1956

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

Subject: Docket No. DMEA-3085 - Mica
C. R. Phillips, Henry Grimdstaff
and Fred Boyd
J. H. Reynolds Mine
Upson County, Georgia
Contract No. Idm-2635

Dear Mr. Laurence:

Reference is made to the subject contract; the time within which certification may be made ended on December 27, 1955.

Value of production during the operation amounted to $1,811.48, for which the royalty of $90.58 has been paid. In order to close out this docket, it will be appreciated if you will report whether any production has been made between the date of termination of contract and December 27, 1955.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

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

Thor H. Kiilsgaard
Member, Geological Survey

WCAnderson:gad 2/3/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson

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

RECEIVED
JUL 29 1955

July 28, 1955

Memorandum

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

From: Field Team, Region V, Knoxville, Tennessee

Subject: DMEA-3085, Idm-E635 (mica)
C. R. Phillips, Henry Grindstaff, and Fred Boyd
Reynolds Mine, Upson County, Georgia

Reference: Mr. Anderson's phone call, July 27.

We do not recommend certification, even though $1811.98 worth of mica was sold and $90.58 royalty paid before termination of the contract.

The contract was terminated before completion, by mutual agreement, because of heavy ground and excessive water. No discovery was made, and we see no basis for a certification.

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

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

RAL/mg
cc - Operating Committee
Mr. V. J. Lynch
Files

IN REPLY REFER TO:

RECEIVED
JUL 11 1955

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

July 8, 1955

Re: DMEA 3085, Idm-2635
C. R. Phillips, Henry Grindstaff,
Fred Boyd
Reynolds Mine
Upson Co., Georgia
$6,650 - Mica

Memorandum

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

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

Subject: Review of Final Report of Field Team.

In a memorandum dated June 22, 1953, D. M. Larrabee said:

Comments 1) ----

"2) All records indicate this to be a bad operating problem, and difficult shaft sinking."

And; August 12, 1953:

"Comments 1) The proposal of the Field Team appears to be satisfactorily laid out.

2) The published report and the statements of the owners sound favorable to mica production. Things are so good, in fact, that the applicants have recently sold $6,250 worth of mica to the U.S.A. depot in Spruce Pine. Since the applicants have been mining so recently with such good results, government exploration funds seem unnecessary.

3) Denial."

The Final Report says, page 2: "The mine cannot be operated economically because of heavy ground and bad water conditions. Eight thousand dollars worth of mica was produced and sold, immediately before and after the time the work under Idm-2635 was in progress. Some mica was "discovered." Perhaps a certificate should be issued. Reconsideration of the point is recommended.

NKNelson:iml
G-7/8/55

N. K. Nelson

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

IN REPLY REFER TO:

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

RECEIVED
JUL 11 1955

July 8, 1955

Re: DMEA 3085, Ldm-E635
C. R. Phillips, Henry Grindstaff,
Fred Boyd
Reynolds Mine
Upson Co., Georgia
$6,650 - Mica

Memorandum

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

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

Subject: Review of Final Report of Field Team.

In a memorandum dated June 22, 1953, D. M. Larrabee said:

Comments 1) -----

"2) All records indicate this to be a bad operating problem, and difficult shaft sinking.

And; August 12, 1953:

"Comments 1) The proposal of the Field Team appears to be satisfactorily laid out.

2) The published report and the statements of the owners sound favorable to mica production. Things are so good, in fact, that the applicants have recently sold $6,200 worth of mica to the G.S.A. depot in Spruce Pine. Since the applicants have been mining so recently with such good results, government exploration funds seem unnecessary.

3) Denial."

The Final Report says, page 2: "The mine cannot be operated economically because of heavy ground and bad water conditions." Eight thousand dollars worth of mica was produced and sold, immediately before and after the time the work under Ldm-E635 was in progress. Some mica was "discovered." Perhaps a certificate should be issued. Reconsideration of the point is recommended.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-7/8/55

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

July 27, 1955

Mr. W. C. Anderson calling Mr. R. A. Laurence, Knoxville, Tenn.

Re: Docket No. DMEA-3085 - Mica
C. R. Phillips, Henry Grindstaff
and Fred Boyd
J. H. Reynolds Mine
Upson County, Georgia
Contract No. Idm-E635

Mr. Anderson: The Field Team Report recommends no certification but I have a memorandum from Mr. Nelson of the Geological Survey saying: "Some mica was 'discovered'. Perhaps a certificate should be issued. Reconsideration of the point is recommended."

Mr. Laurence: They never were able to complete the job. They lost a shaft once and re-sunk at their own expense. They paid us some royalty $90.58. I don't see how we can say we made a discovery. We have had others that paid royalty and still we didn't certify. This was one terminated without completing the work. This is not one where we want to preserve the lien. That thing is a poor place. The field examiners and I agree to shut down so there is no reason to certify because they produced $1,800 worth of mica.

Mr. Anderson: Will you send us a confirmation?

Mr. Laurence: Yes I will.

Copy to: Docket
Division

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

RECEIVED
JUL - 6 1955

July 5, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA - 3085 (mica)

Applicant: Phillips, Grindstaff and Boyd

Name and Location of Property: Reynolds Mine
Upson County, Georgia

Contract Number: Idm-E 635

Date of Field Team Report: April 18, 1955

Date Rec'd by Br. of Ceramic and Fertilizer Materials: June 30, 1955

Field Team Recommendation: No certification of discovery

Comments:

1. Because of poor ground conditions this deposit could not be economically worked.

2. Mica was recovered during DMEA exploration

3. Expenditures - Total approved $6,650.00
Total cost 3,435.00
Gov't share of the cost 3,091.50
Value of production during operation 1,811.48 (includes work done at operators expense)

Recommendation:

I concur with the field team's recommendation.

W. F. Dietrich

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

June 24, 1955

Memorandum

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

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

Subject: Final Field Team and Operators' Reports, DMEA-3085, Idm-E635
C. R. Phillips, Henry Grindstaff and Fred Boyd
Reynolds Mine (mica), Upson County, Georgia

Enclosed are four copies of the subject report. Preparation of this report has been delayed, pending receipt from the Operators of the executed termination agreement, which was received on June 10, 1955.

Also enclosed are four copies of what was submitted as an Operators' final report when they requested termination of the contract. Although two blank pieces of paper would have been almost as informative, we are willing to accept this asmeeting the requirement, because our field examiners obtained all needed data from their own inspections, and from conversations with the Operators and from the Operators' monthly reports.

Certification is not recommended.

/s/ Robert A. Laurence
Executive Officer

/s/ V. J. Lynch, Member
Bureau of Mines

Enclosures 8

Reviewed by
DMEA OPERATING COMMITTEE
7-1-55
(date)

RECEIVED
JUN 9 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM FINAL REPORT
REGION V

On

DMEA-3085 REYNOLDS MINE (mica)
Upson County, Georgia

BY

K. H. Teague, D. H. Ames, Geologists
U. S. Geological Survey

and

J. F. O'Neill, Mining Engineer
U. S. Bureau of Mines

April 18, 1955

Reviewed by
DMEA OPERATING COMMITTEE
7-1-55
(date)

RECEIVED
JUN 2 2 1955

FINAL REPORT
On
IMEA-3085, Idm-E635, (REYNOLDS MINE)

Operators: C.R. Phillips, Henry Grindstaff and Fred Boyd, Spruce Pine, N.C.

Work completed under this contract consisted of sinking a 40-foot vertical shaft and driving 41 feet of laterals from the shaft. Efforts to hold these openings and two additional shaft sunk at the Operator's expense failed because of heavy ground and water conditions. The pegmatite bottomed at shallow depths in these shafts; thus, the contract was terminated by mutual agreement effective January 3, 1955. It is recommended that no certification of discovery be issued. No additional exploratory work is warranted.

Work authorized by the contract began November 5, 1953, and ended during March 1954. A 40-foot vertical two-compartment shaft 5' x 7' in cross-section was sunk and timbered. As the pegmatite dipped out of the shaft at a depth of 35 feet and as pegmatites in this district tend to bottom at relatively shallow depths, a lateral was turned off from the 39-foot level. This lateral was driven and timbered a total of 41 feet as follows: 17 feet in a S 10° E. direction, then 18 feet S. 60° W. and lastly 6 feet due north. The openings caved-in due to heavy ground and bad water conditions. Subsequently, the Operators sank two 30-foot vertical shafts southeast of the contract shaft at their expense. Both reached the bottom of the pegmatite.

A disconformable pegmatite having a maximum thickness of about 10-feet was exposed in the shafts and the lateral. It strikes N. 45-60° W. and dips 75-80° S. W. The foliation of the country rock, biotite gneiss containing many irregular pegmatitic stringers, strikes east-west and dips 30-50° to the south. The body is zoned having a coarse perthite core flanked by a zone of plagioclase, quartz, muscovite and biotite. The bottom of the pegmatite was reached 25-30 feet below the floor of the open cut in the shafts on the southeast end but farther northwest in the contract work the bottom was not reached at a depth of 39 feet.

Mica yielding 151.34 pounds of strategic grade trimmed sheet worth $1811.48 was recovered from the three shafts and the lateral and sold to the GSA Depot at Spruce Pine. The grades were as follows:

	#3 and larger	4 & 5	5½ & 6
Good stained and better	1.89 lbs.	11.93 lbs.	45.30 lbs.
Stained	1.31 "	19.93 "	56.32 "
Heavy Stained	1.00 "	1.75 "	6.12 "

Limited reserves are present at this mine, but no reliable figure can be given. The mine cannot be operated economically because of heavy ground and bad water conditions.

Expenditures:

(a)	Total approved	$6,650.00
(b)	Total Cost of project	3,435.00
(c)	Government's share	3,091.50
(d)	" " unexpended	2,835.50
(e)	Value of production during opr. (includes work done at Operator's expense)	1,811.48
(f)	Royalty received to date	90.58

The operation was conducted in an efficient and satisfactory manner. Loss of the openings is not attributable to neglect, improper methods or poor workmanship on the part of the Operators. No equipment was purchased under the contract.

April 18, 1955.

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

and

J. F. O'Neill, Mining Engineer
U. S. Bureau of Mines

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

June 24, 1955

Memorandum

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

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

Subject: Final Field Team and Operators' Reports, DMEA-3085, Idm-E635
C. R. Phillips, Henry Grindstaff and Fred Boyd
Reynolds Mine (mica), Upson County, Georgia

Enclosed are four copies of the subject report. Preparation of this report has been delayed, pending receipt from the Operators of the executed termination agreement, which was received on June 10, 1955.

Also enclosed are four copies of what was submitted as an Operators' final report when they requested termination of the contract. Although two blank pieces of paper would have been almost as informative, we are willing to accept this as meeting the requirement, because our field examiners obtained all needed data from their own inspections, and from conversation with the Operators and from the Operators' monthly reports.

Certification is not recommended.

Robert A. Laurence
Executive Officer

V. J. Lynch, Member
Bureau of Mines

RAL/mg
Enclosures 8
cc - Operating Committee
Lynch
O'Neill
Files

Spruce Pine, North Carolina
March 8, 1954

Mr. Robert A. Laurence, Executive Officer
DMEA Field Team, Region 7
Room 13, Post Office Bldg.
Knoxville 2, Tenn.

Re: DMEA -3085, Idm- E 635
Reynolds Mine
Upson County, Georgia

Dear Mr. Laurence:

Enclosed is a map of the work that has been done at the Reynolds Mine in Georgia. We want this contract terminated by mutual consent of all the parties, because the mine has fall in and it is impossible to work it any longer. We wish to thank the Government for their help in this prospect.

Sincerely yours,

C. R. Phillips

C. R. Phillips

CRP/lc

Enclosure

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[illegible]

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

June 13, 1955

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Termination Agreement, DMEA-3085, Idm-E635 (mica) Phillips, Grindstaff and Boyd. Reynolds Mine, Upson County, Georgia

Enclosed are the original and two copies of the subject termination agreement, which the Operators sent in only this week. Usual distribution of the other copies has been made.

Preparation of our final report was delayed pending receipt of these documents. It will be submitted in the near future. We will not recommend certification or pseudo-certification.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch, Member
Bureau of Mines

RAL/sm
cc:
ynch
Beck
Files

RECEIVED
JUN 15 1955

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

RECEIVED
JUN - 6 1955

June 2, 1955

Mr. C. R. Phillips

Spruce Pine, North Carolina

Re: DMEA-3035, Idm-E635 (mica)
Reynolds Mine, Upson County, Ga.
Phillips, Grindstaff and Boyd

Dear Mr. Phillips:

On May 2, 1955, we sent Mr. Henry Grindstaff six copies of a termination agreement for the subject contract, replacing another set sent to him on January 27 which apparently were lost. We have not received this second set either, although a month seems to be sufficient time to obtain the three signatures, especially since the termination agreement was prepared in response to your request.

Will you please see that these agreements are signed by all three partners, and return all copies except the "Operator's Copy" to me, as soon as possible?

Very truly yours,

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

RAL/sm
cc:

Opr. Con.-2
Henry Grindstaff
Fred Boyd
Shirley
Lynch
Files

MAY 3 1 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-3085 - Mica
C. R. Phillips, Henry Grindstaff
and Fred Bagwell
J. H. Reynolds Mine
Upson County, Georgia
Contract No. Idm-1635

Docket No. DMEA-3816 - Mica
C. R. Phillips
Willis Prospect
Mitchell County, North Carolina

Dear Mr. Laurence:

Reference is made to the subject contract and the application by Mr. C. R. Phillips for exploration assistance at the Willis Prospect which has just been received.

We are reluctant to give any consideration to Mr. C. R. Phillips' new application until the matter in Contract No. Idm-1635 is cleared up. It is assumed that he is a prominent partner in this contract since he signed the Operator's Monthly Reports and Vouchers. There is no record in our files that the termination agreement which you forwarded to the Operators on January 27, 1955, has been executed and returned.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

WCAnderson:md 5/25/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Anderson

Department of the Interior
Defense Minerals Administration
Washington
APR 14 1955

April 12, 1955

Mr. Henry Grindstaff

Cole, North Carolina

Re: DMEA-3085, Idm-8635 (mica)
Reynolds Mine, Upson County,
Georgia

Dear Mr. Grindstaff:

On January 27, we sent you the original and five copies of a termination agreement for the subject exploration contract, as discussed earlier with you and your partners. On March 7, we again wrote, requesting that you execute and return these documents.

Please have all six copies of these signed by yourself, C. R. Phillips, and Fred Boyd, and return the original and four copies to me as soon as possible. We would like to close our records on this project, as no work has been done since January 1954, and none is contemplated.

Very truly yours,

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

RAL/mm
cc:
Lynch
Fred Boyd
Cpr. Com.
C. R. Phillips
Shirley
Files

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 7 8 1955

April 4, 1955

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: DMEA-3085, Idm-E635 (mica) Phillips, Grindstaff & Boyd
Reynolds Mine, Upson County, Georgia

Reference is made to your letter of April 1.

On January 27, we sent the termination agreement to the Operators for signature. On March 7, we again wrote them asking that they return the signed agreement. No reply to that letter has been received. We will write again and urge return of the executed agreement.

So far as we know, they do not intend to complete the project, and we agree that it should be terminated.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch, Member
DMEA Field Team
U. S. Bureau of Mines

RAL/rm
cc: Allsman
Lynch
Files

APR - 1 1955

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

Subject: Docket No. DMEA-3085 - Mon
G. H. Phillips, Henry Grinstaff
and Frank Boyd
J. H. Reynolds Mine
Upson County, Georgia
Contract No. Ida-2635

Dear Mr. Lawrence:

Reference is made to our letter of January 25, 1955, authorizing you to execute a termination of subject contract by mutual consent. Since that time we have received no correspondence relative to the project.

The completion date for this contract is January 3, 1955. If the Operator intends to complete the project and you approve, please prepare and have executed an amendment providing the necessary time extension. If the project is to be terminated, please prepare and have executed the standard Termination Agreement.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

/s/ R. D. Grace
Member, Geological Survey

WCAnderson:ad 3/31/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Henk

600

JAN 25 1955

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

Subject: Docket No. DMEA-3085 - Mica
C. R. Phillips, Henry Grindstaff
and Fred Boyd
J. H. Reynolds Mine
Upson County, Georgia
Contract No. Idm-2635

Dear Mr. Laurence:

Reference is made to the Field Team memorandum of January 10, 1955, recommending that the subject project be terminated by mutual consent.

We note that the pegmatite apparently has bottomed, and that the Operators have done work at their own expense in addition to work authorized by the contract.

We concur in the Field Team's recommendation and hereby authorize you to execute a termination of subject contract by mutual consent.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

WCAnderson:gad 1/17/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 201 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JAN 14 1955

January 12, 1955

Memorandum

To: Helen Miller, Region V - Knoxville, Tennessee

From: Executive Officer, DMEA - Region VII - Knoxville

Subject: Royalty Payments on DMEA Projects

Transmitted are sale invoices and checks on the following:

Idm-E635, DMEA-3085, Phillips, Grindstaff & Boyd
royalty check for $33.40

Idm-E181, DMEA-1876, Yancey Mica Mines Inc.
royalty check for $56.95

Idm-E181, DMEA-1876, Yancey Mica Mines (ck from John Blalock)
$117.37

Robert A. Laurence

ZM.
cc:
Beck
Shirley
Mittendorf
Files

GENERAL SERVICES ADMINISTRATION, REGION VII

Mica Purchase Depot, Spruce Pine, N. C.

Authorization No. 895A Acceptance No. 1008 Date: 11-30-54

Seller: Henry Grindstaff, Celo, N.C

Mine: Reynolds DMEA No. 3085, IdmE 635

Wilkson County, Georgia

Quality of Mica

	HALF TRIM			FULL TRIM		
	Pounds	Price/lb.	Amount	Pounds	Price/lb.	Amount
Good Stained & Better Grades No. 3 & larger						
" No. 4 and 5					$70.00	
" No. 5½ and 6				3.04	$40.00	121.60
Stained No. 3 and larger				19.10	$15.00	286.50
No. 4 and 5		$10.00		1.12	$18.00	20.16
No. 5½ and 6		$ 5.00		11.51	$ 8.00	92.08
Heavy Stained No. 3 & larger		$ 3.00		29.52	$ 5.00	147.60
No. 4 and 5		$ 8.00			$13.00	
No. 5½ and 6		$ 4.00			$ 6.00	
LOT TOTALS		$ 2.00			$ 3.00	
TOTAL				64.29		
						667.94

Scrap Mica

Punch Mica

Total $667.94.

Royalty check - #3340

Mr. Anderson

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 12 1955

January 10, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII - Knoxville

Subject: DMEA-3085, Idm-E635 (mica) Phillips, Grindstaff & Boyd Reynolds Mine, Upson County, Georgia

No work has been conducted under contract on this project since March 1954, although two shafts, each approximately 30 feet deep have been sunk by the Operator at his own expense. Each shaft has bottomed the pegmatite. Todate, the Operator has sunk three shafts at his own expense and one(40-ft) sunk on the contract with 35 feet of level work. In all workings the pegmatite has been bottomed.

The Field Team recommends that this project be terminated by mutual consent. All three of the Operators have been contacted and they are in agreement. We will not recommend certification.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

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

KHT/sm

RECEIVED
DEC 10 1954

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

December 9, 1954

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: DMEA-3085, Idm-E 635,(mica), Phillips, Grindstaff and Boyd. Reynolds Mine, Upson County, Georgia

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

Work to date has indicated that the pegmatite bottoms at relatively shallow depth. Mr. Teague will see the Operators in Spruce Pine next week, as they wish to terminate the project. We will probably recommend termination of this project without certification, but will wait until Mr. Teague returns before doing so.

Robert A. Laurence

RAL/am

cc:
Beck
Lynch
Files

December 6, 1954

Interim Report

DMEA No. 3085 - Mica
Idm-L-635
Reynolds Mine

Operators: G. R. Phillips, Henry Grindstaff, and Fred Boyd partners
Spruce Pine, North Carolina
Date examined: December 2, 1954

At the time that the property was visited, there was no workingmen or operators at the site. The cook house was locked and all of the workings were flooded. The most recent shaft was flooded and showed evidence of running by slumpage around one end.

J. F. O'Neill
Mine Examination and
Exploration Engineer
Mining Division, Region VII

JFO'Neill:wjk

cc: R. A. Laurence, orig & 5
Regional Director, Region VII
J. F. O'Neill
file
day file

November 8, 1954

Interim Report

DMEA No. 3085 - Mica
Idm-E-635
Reynolds Mine
Operators: C. N. Phillips, Henry Grindstaff, and Fred Boyd partners
Spruce Pine, North Carolina
Date examined: November 2, 1954

The operator was in North Carolina recruiting a new crew. One workman was on the site pumping out the workings.

The new shaft was reported 30 feet deep. The water level stood at 15 feet from the collar. The pumpman stated that they were experiencing considerable trouble from running ground, but believed that they had it caught and would be able to sink it when Grindstaff returned with a new crew.

J. F. O'Neill
Mine Examination and
Exploration Engineer
Mining Division, Region VII

JFO'Neill:wjk
cc: R. A. Laurence, orig. & 5
Reg. Dir., Reg. VII
J. F. O'Neill
File
Day File

INTERIM REPORT

On

DMEA-3085, Idm-E635, REYNOLDS MINE
(mica)

Operator: C. R. Phillips, Henry Grindstaff and Fred Boyd, Partners
Spruce Pine, North Carolina

Location: 2.6 miles southwest of Yatesville, Upson County, Georgia

Work was suspended on this project in June 1954. No work has been accomplished since.

The Operator plans to resume work as soon as the hot weather is over.

Date
Visited: Sept. 2, 1954.

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

Note by Field Team:

There was no formal suspension request, and we did not prepare a suspension agreement, nor did we agree to suspension. Operator wanted to terminate in March due to caving of the shaft, but later agreed to continue, and we prepared an amendment in June, which the Operator signed, extending completion date to January 3, 1955. This can be met if the Operator resumes and prosecutes the work diligently, and does not lose his crew for the duration of the cotton-picking season.

July 23, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 1 - Docket No. DMEA-3085 - Mica
C. R. Phillips, Henry Grindstaff
and Fred Boyd
J. H. Reynolds Mine
Upson County, Georgia
Contract No. Idm-E635

The purpose of Amendment No. 1 to the subject contract is (1) to change the location of the crosscut and/or drift from the bottom of the shaft to a location in the shaft mutually agreeable to all parties concerned and (2) extend the completion date from July 3, 1954, to January 3, 1955.

The changes were necessary because due to heavy ground and bad weather conditions the shaft caved, necessitating relocation and sinking of a new shaft, making it impossible to complete the project in the specified time.

The Nonmetallic Minerals Division concurs in the amendment as written and executed in the field.

W. C. Anderson
Nonmetallic Minerals Division

WCAnderson:ag 7/23/54
Copy to: Admr. R. File
Mr. Houk

June 28, 1954

Memorandum

To: Cora Piper, Chief, Finance Division, Region VII

From: Executive Officer, DMEA - Region VII - Knoxville

Subject: Royalty Payment on DMEA-3085, Idm-E 635 (mica) Reynolds Mine.
Henry Grindstaff, Celo, N. C. (Upson County, Georgia)

Transmitted herewith are two invoices for the sale of mica from the subject contract and a check in the amount of $57.18, representing 5 percent royalty on the sale of the mica.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

ZM
cc:
Beck
O'Neill
Mittendorf
Mr. Grindstaff
Files

COPY COPY

GENERAL SERVICES ADMINISTRATION
Mica Purchase Depot - Spruce Pine, N. C.

WARRANTY, ACCEPTANCE AND INVOICE

DATE 6-11-54

ACCEPTANCE NUMBER 4-1403

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER	LOT NUMBER	RECEIPT AND WEIGHT TICKET NUMBER
EPS-4-895A	SP-1403	

WARRANTY

The undersigned, a participant in the Mica Program, warrants that the mica included in this lot of mica is of domestic origin, is not material owned previously by the Government, was not purchased from others prior to December 14, 1951, and is owned by the person or firm whose name appears below (herein referred to as "Seller").

NAME AND ADDRESS OF SELLER *(Type or print)*	SELLER OR PERSON AUTHORIZED TO SIGN THIS WARRANTY FOR SELLER
NAME: Henry Grindstaff	SIGNATURE:
STREET ADDRESS:	NAME *(Type or print)*: Henry Grindstaff
CITY, ZONE AND STATE: Celo, N. C.	TITLE *(Type or print)*: Owner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA

QUALITY	HALF TRIM			FULL TRIM		
	POUNDS	PRICE PER LB.	AMOUNT	POUNDS	PRICE PER LB.	AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER				1.89	$70.00	118.30
GRADES NO. 4 AND 5				8.64	$40.00	345.60
GRADES NO. 5½ AND 6				11.89	$15.00	178.35
STAINED						
GRADES NO. 3 AND LARGER		$12.00		.19	$18.00	3.42
GRADES NO. 4 AND 5		$ 5.00		7.11	$ 8.00	56.88
GRADES NO. 5½ AND 6		$ 3.00		16.31	$ 5.00	81.65
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 8.00			$13.00	
GRADES NO. 4 AND 5		$ 4.00		.56	$ 6.00	3.36
GRADES NO. 5½ AND 6		$ 2.00		4.54	$ 3.00	13.62
TOTALS						
LOT TOTALS				50.93		801.08

PROGRAM B - HAND-COBBED MICA

TOTALS					$ 0.30	

ACCEPTANCE

Subject to the terms and conditions of the Mica Regulation dated March 12, 1952 (17 F.R. 2279), establishing the Government's Purchase Programs for Domestic Mica, the Government accepts the number of pounds of mica (as hereinabove identified), delivered by the Seller to the Government for which payment in the total amount set forth hereinabove will be made by the Government.

GENERAL SERVICES ADMINISTRATION

BY *(Type name)*	SIGNATURE	TITLE
Ed. S. Burleson	s/s	Buyer

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $ 801.08

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

SELLER *(Type name)*	DATE
Henry Grindstaff (DMEA-3085 Reynolds Mine)	6-11-54
BY *(Signature)*: s/ Henry Grindstaff	NAME AND TITLE *(Type)*: Owner

GSA-WASH DC 53-3094

GSA FORM 1013
September 1952

COPY COPY

GENERAL SERVICES ADMINISTRATION
Mica Purchase Depot - Spruce Pine, N. C.

WARRANTY, ACCEPTANCE AND INVOICE

DATE 5-6-54

ACCEPTANCE NUMBER 4-1195

ISSUED UNDER CERTIFICATE OF AUTHORIZATION NUMBER: EPS-4-895A

LOT NUMBER: SP-1195

RECEIPT AND WEIGHT TICKET NUMBER:

WARRANTY

The undersigned, a participant in the Mica Program, warrants that the mica included in this lot of mica is of domestic origin, is not material owned previously by the Government, was not purchased from others prior to December 14, 1951, and is owned by the person or firm whose name appears below (herein referred to as "Seller").

NAME AND ADDRESS OF SELLER *(Type or print)*	SELLER OR PERSON AUTHORIZED TO SIGN THIS WARRANTY FOR SELLER
NAME: Henry Grindstaff	SIGNATURE:
STREET ADDRESS:	NAME *(Type or print)*: Henry Grindstaff
CITY, ZONE AND STATE: Celo, North Carolina	TITLE *(Type or print)*: Owner

EVALUATION AND SETTLEMENT DATA

PROGRAM A - BLOCK OR FILM MICA

QUALITY	HALF TRIM			FULL TRIM		
	POUNDS	PRICE PER LB.	AMOUNT	POUNDS	PRICE PER LB.	AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER					$70.00	
GRADES NO. 4 AND 5				.25	$40.00	10.00
GRADES NO. 5½ AND 6				14.31	$15.00	214.65
STAINED						
GRADES NO. 3 AND LARGER		$12.00			$18.00	
GRADES NO. 4 AND 5		$ 5.00		1.31	$ 8.00	10.48
GRADES NO. 5½ AND 6		$ 3.00		10.49	$ 5.00	82.45
HEAVY STAINED						
GRADES NO. 3 AND LARGER		$ 8.00	16.49	1.00	$13.00	13.00
GRADES NO. 4 AND 5		$ 4.00		1.19	$ 6.00	7.14
GRADES NO. 5½ AND 6		$ 2.00		1.58	$ 3.00	4.74
TOTALS						
LOT TOTALS				36.13		342.46

PROGRAM B - HAND-COBBED MICA

TOTALS					$ 0.30	

ACCEPTANCE

Subject to the terms and conditions of the Mica Regulation dated March 12, 1952 (17 F.R. 2279), establishing the Government's Purchase Programs for Domestic Mica, the Government accepts the number of pounds of mica (as hereinabove identified), delivered by the Seller to the Government for which payment in the total amount set forth hereinabove will be made by the Government.

GENERAL SERVICES ADMINISTRATION

BY *(Type name)*	SIGNATURE	TITLE
Wayne Buchanan		Buyer

INVOICE

TO: General Services Administration, Region IV

FOR: Mica delivered as indicated above — $ 342.46

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

SELLER *(Type name)*	DATE
Henry Grindstaff (DMEA-3085, Reynolds Mine)	5-6-54
BY *(Signature)*:	NAME AND TITLE *(Type)*: Henry Grindstaff, Owner

GSA-WASH DC 53-3094

GSA FORM 1013
September 1952

C
O
P
Y

June 23, 1954

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Amendments extending completion dates.

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

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

The following have been completed:

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

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

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

All contracts above are for strategic mica.

Robert A. Laurence
Executive Officer
DMEA Region VII

June 9, 1954

Mr. Henry Grindstaff

Cole, North Carolina

Re: DMEA-3085, Idm-E 635 (mica)
Reynolds Mine, Upson County, Ga.
Phillips, Grindstaff & Boyd

Dear Mr. Grindstaff:

Mr. Teague tells me that he recently talked with you about the work at the Reynolds mine.

As we advised Mr. John R. Phillips by letter on May 12, we are agreeable to your proposal to deepen the old shaft at the southeast end of the open cut, but under the contract we can contribute to the cost of only that portion which is deeper than 39 feet, as we have already paid for work to that depth in your earlier shaft.

Yours very truly,

Robert A. Laurence
Executive Officer, DMEA
Region VII

RAL/am
cc:
Beck
Lynch
Opr. Con. -2
Files

May 12, 1954

Mr. John R. Phillips

Spruce Pine, N. C.

Re: DMEA-3085, Idm-E 635 (mica)
Reynolds Mine, Upson County, Ga.

Dear Mr. Phillips:

During an examination of the Reynolds Mine on May 5, Mr. Amos was told by an employee of yours, Mr. Walt Grindstaff, that you plan to try to deepen an old shaft at the southeast end of the cut. This is to be done in lieu of open cut work previously discussed or of deepending the new shaft sunk under the DMEA contract (Idm-E 635) and which is now caved.

The shaft you plan to deepen is to the best of our knowledge about 20 feet deep; whereas, the new shaft made under the above contract was sunk to a depth of 39 feet. We wish to inform you that it is satisfactory to deepen the old shaft, but that shaft footage can be paid under the contract only for work below the 39-foot level. In other words, deepening of the old shaft from the 20-foot to the 39-foot level will have to be at your expense.

Very truly yours,

RAL/am
cc:
Beck
O'Neill
Opr. Com.
Div. File DMEA
Files

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

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

Mrs. Anderson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

252

VOUCHER & SCHEDULE

OPERATOR'S MONTHLY REPORT AND VOUCHER

58

Month of January, 1954 Docket No. DMEA 3085 Contract No. Idm- E 635
Operator's Name C. R. Phillips, Henry Grindstaff & Fred Boyd Minerals Mica
Address Spruce Pine, N. C.
Contract Amount, $ 6,650.00 Government Participation: 90% Amount, $ 5,985.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting (41 ft.)	1435.00	None	1435.00			
Shafting (12 ft.)	600.00	1400.00	2000.00			
(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	$2035.00	$1400.00	$3435.00	2,035.00	1,400.00	3,435.00

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

Date 3-8-54 *Payee C. R. Phillips, Henry Grindstaff & Fred Boyd

Per C. R. Phillips Title Partner

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

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

(Instructions on reverse)

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

$ 1,831.50

Signature Carl A. Piper
(Authorized Certifying Officer)

Date MAR 29 1954 Vou. No. 252

(See other side)

3

203.50

(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. E-635 in accordance with the terms of the contract.

Signature J. F. Mell Title Engineer Date 3-11-54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawson Title EXECUTIVE OFFICER DMEA REGION VII Date MAR 26 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Jan. 1954 Docket No. DMEA 3085 Contract No. Idm- E 635
Operator's Name C. R. Phillips, Henry Grindstaff & Fred Boyd Minerals Mica
Address Spruce Pine, N. C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Ft.	1435.00	41	1435.00	41	35.00	90	35.00
Crosscutting								
Raising								
Shafts	Ft.	600.00	12	2000.00	40	50.00	70	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
								TOTAL COSTS AUTHORIZED BY CONTRACT
TOTAL DISTRIBUTED COSTS		2035.00		3435.00				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$2035.00		$3435.00				

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 3-8-54 Operator C. R. Phillips, Henry Grindstaff & Fred Boyd

Per C. R. Phillips Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of January, 1954

DMRA No. 3085

Work Accomplished

We have advanced 12 feet of shafting and began drifting and have drifted 41 feet for this month.

Daily Notes

January	4 - 6	Pumped water and mucked.
January	7 - 8	Worked on shaft.
Januayy	11 - 12	Did some shooting.
January	13 - 15	Pumped water, mucked and worked on shaft.
January	18 - 19	Began drifting, and pumped water.
January	20 - 22	Mucked and worked on drift.
January	25 - 26	Continued to drift and pump water.
January	27 - 29	Mucked, pumped water and contiued to drift.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 413, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

March 1954

INTERIM REPORT
On
DMEA-3085, REYNOLDS MINE (mica)

Operators: C. R. Phillips, Henry Grindstaff and Fred Boyd, Partners
Spruce Pine, North Carolina

Location: 2.6 miles southwest of Yatesville, Upson County, Georgia

The lateral work done from the 39-foot level has recently caved-in and has filled the shaft to the 30-foot level. It would be difficult and unsafe to attempt to do further work from the present shaft. The cave-in was a result, in the opinion of the field examiners, of uncontrolable heavy ground and water conditions, and was not attributable to improper timbering.

The operators tentatively plan to lower the southeast end of the cut about 25 feet by dozer and pan at their expense. The present shaft would in this case serve as a sump and would alleviate in part the water problem. If this work reveals favorable geological and ground conditions it is suggested that the remaining drift footage of the contract be used to drive an adit southeastward along the pegmatite from the south end of the cut.

A total of 41 feet of lateral work was done from the 39-foot level prior to the cave-in. A crosscut was driven 35 feet to the southwest (17 feet S. 10° E. and 18 feet S. 60° W) and a drift 6 feet to the north. This work exposed a disconformable pegmatite about 10 feet thick in the laterals near the shaft.

Exam: March 24, 1954

Newey H. Amos, Geologist
U. S. G. S.

J. F. O'Neill, Mining Engineer
U. S. B. M.

C
O
P
Y

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

March 26, 1954

Mr. John R. Phillips

Spruce Pine, North Carolina

Re: DMEA-3085, Idm-E635 (mica)
Reynolds Mine-Upson County, Georgia

Dear Mr. Phillips:

Following an inspection of the Reynolds Mine on March 24 by Mr. O'Neill and Mr. Amos, we have concluded that a decision as to the extent of the future work should be delayed until after the completion of the open-cut work which is now underway at your own expense. It does not appear to be desirable to terminate the contract now, as there is good possibility that the exploratory drift can be continued from the open cut.

Very truly yours,

Robert A. Laurence

INTERIM REPORT

ON

DMEA-3085, Idm-E 635, REYNOLDS MINE (mica)

Operator: C. R. Phillips, Henry Grindstaff and Fred Boyd, Partners
Spruce Pine, North Carolina

Location: 2.6 miles southwest of Yatesville, Upson County, Georgia

A crosscut has been driven S 10° E. for a total of 17 feet from the 39 foot level.

Lateral work was begun from this level rather than deeper as previously planned because the pegmatite dipped out of the shaft.

A disconformable pegmatite ~~in~~ about 10 feet thick is present in the crosscut near the shaft. It strikes N. 60° W. and dips steeply to the southwest. No commercial mica is present. It was recommended to the Operator that the crosscut be turned more to the southwest and continued for 35 feet. Work is progressing in a satisfactory and efficient manner.

Date: 19 Feb. 1954.

R. H. Teague & Dewey Amos, Geologists
U. S. G. S.

James F. O'Neill, Mining Engineer, U. S. B. M.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE
NTS K-149
220
15 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1953 Docket No. DMEA 3085 Contract No. Idm-E 635
Operator's Name C. R. Phillips, Henry Grindstaff & Fred Boyd Minerals Mica
Address Spruce Pine, N. C.
Contract Amount, $6,650.00 Government Participation: 90 % Amount, $ 5,985.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Shaft	600.00	800.00	1400.00			
(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	600.00	800.00	1400.00	600.00	800.00	1,400.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 1-26-54 *Payee C. R. Phillips, Henry Grindstaff, & Fred Boyd
Per C. R. Phillips Title Partner

*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:

$540.00

Signature Cora A. Piper
(Authorized Certifying Officer)
Date FEB 12 1954 Vou. No. 220
(See other side)

✓ 600.00

(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. E-635 in accordance with the terms of the contract.

Signature J. F. O'Neill Title Engineer Date 2-9-54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Wm M Beck ACTING Title EXECUTIVE OFFICER DMEA REGION VII Date FEB 11 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Dec. 195 3 Docket No. DMEA 3085 Contract No. Idm- E 635
Operator's Name C. R. Phillips, Henry Grindstaff, & Fred Boyd Minerals Mica
Address Spruce Pine, N. C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	Ft.	600.00	12	1400.00	28	50.00	70	50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		600.00		1400.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		600.00		1400.00				

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

Date 1-26-54 Operator C. R. Phillips, Henry Grindstaff & Fred Boyd

Per C. R. Phillips Title partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of December, 1953

DMEA No. 3085

Inm# 635

Work Accomplished

Still Have lots of water have to do a lot of pumping. We have advanced 12 feet of shafting for the month of December.

Daily Notes

December	1 - 4	Pumped water & mucked.
December	7 - 9	Worked on shaft.
December	10 - 11	Pumped water & mucked.
December	14 - 15	Did some shooting.
December	16 - 18	Pumped water & mucked & worked on shaft.
December	21 - 23	Worked on shaft.
December	28 - 29	Pumped water & mucked.
December	30 - 31	Worked on shaft.

INTERIM REPORT
On
DMEM-3085, Idm-R 635 (mica)
REYNOLDS MINE

Operator: C. R. Phillips, Henry Grindstaff and Fred Boyd, partners
Spruce Pine, North Carolina

Location: 2.6 miles southwest of Yatesville, Upson County, Georgia.

The shaft at subject mine has been driven to a depth of 35 feet. A zoned pegmatite 4 feet thick is exposed in the shaft. It strikes N. 15° W. and dips 75° W. About 500 pounds of "mine-run" mica was recovered from the shaft near the surface. Only "burr" mica is present in the pegmatite below about 20 feet. It was recommended to the Operator that the runway be partitioned from the haulage way. Minor delays have resulted from heavy water conditions and pump failures. Work is progressing in an efficient and safe manner.

It is tentatively recommended that a crosscut be driven to the southwest from about the 60 foot level. Heavy water conditions will necessitate at least a 10 foot sump below this level.

Date: Feb. 5, 1954

Kofton Teague and Dewey Amos, Geologists
U. S. Geological Survey

Wm. A. Beck, Mining Engineer
U. S. Bureau of Mines

mm

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

Mr. Anderson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

D ON VOUCHER & SCHEDULE
TS K- 41

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

188

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November 3 3085 Idm-E 635

Operator's Name C. R. Phillips, Henry Grindstaff, Fred Boyd, Partners Contract No. Mica

Address Spruce Pine, North Carolina Minerals

Contract Amount, $ 6,650.00 Government Participation: 90 % Amount, $ 5,985.00

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 1954

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						
Shaft	$800.00	None	$800.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$800.00	None	$800.00	800.00		800.00

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

Date 12-20-53 *Payee

Per C. R. Phillips Title Partner

*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.

S-1115 (Instructions on reverse)

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

$ 720.00

Signature Cora A. Piper
(Authorized Certifying Officer)

Date JAN 15 1954 Vou. No. 188
(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-635 in accordance with the terms of the contract.

Signature J. F. O'Neill Title Engineer Date 12-14-53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date JAN 13 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-164A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 20 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1953 Docket No. DMEA 3085 Contract No. Idm-E 635
Operator's Name C. R. Phillips, Henry Grindstaff, Fred Boyd, Partners Minerals Mica
Address Spruce Pine, North Carolina

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	Ft.	$800.00	16	$800.00	16	$50.00	70	$50.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$800.00		$800.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$800.00		$800.00				

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

Date 12-9-53 Operator

Per C. R. Phillips Title Partner

→ 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

OPERATORS
MONTHLY PROGRESS REPORT
for the
Month of November, 1953

Work began: November 5, 1
DMEA No. : 3085
Idm-E : 635

Work Accomplished:

Pumped water out of cut and cut a drainage ditch to bottom old cut. Set up hoist and air compressor for new shaft. Started wo on the shaft and sank it 16 feet. Found some small mica. Have had 1 of water all the way down.

Daily Notes:

November 5 & 6. Set up hoist for shaft.

November 9. Moved compressor and laid pipe for air line.

November 10 to 13. Worked on shaft.

November 16 to 20. Worked on shaft.

November 23 to 25. Moved compressor to drill holes for power line comi to mine.

November 30. Set up compressor at mine.

600

NOV 3 1953

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

Subject: Docket No. DMEA-3083 - Miss
C. R. Phillips, Henry Grindstaff
and Fred Boyd
J. H. Reynolds Mine
Upson County, Georgia

Dear Mr. Laurence:

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

If the contract meets with your approval present it to the Operator for approval and signature. Please explain to the Operator 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 Operator and cannot be amended within your delegated authority, then the original and all copies of the contract are to be returned to this office, together with the proposed changes for consideration.

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

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

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

Enclosures 10

WCAnderson:gad 10/29/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3546
Mr. Larrabee, G-432 GSA Bldg.
Mr. Houk

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

EXECUTIVE OFFICER
DMEA REGION VII

October 5, 1953

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, Region VII

Subject: J. H. Reynolds Mine, Upson Co., Ga. Docket No. DMEA -3055 (mica)

On October 2, 1953, R. H. Teague visited subject mine, at which time the large open cut had been dewatered. This mine has been idle since April 1953, and during the five months of idleness from 2 to 4 feet of mud has accumulated over the entire floor of the cut. The 15-foot shaft sunk by the applicants from the floor of the cut is completely filled with thin mud. The only pegmatite presently exposed is two thin stringers on the southeastern rim of the cut. These exposures contain some small mica; however, all previous production has been from the cut.

The Field Team is of the opinion that the drainage ditch is an essential part of preparation for exploration. Otherwise, after each period of heavy rain from 6 inches to one foot of mud will collect in the bottom of the cut, covering any tools or supplies left there, and perhaps silting the shaft.

Oct. 2, 1953

Robert A. Laurence
Executive Officer, DMEA
Field Team, Region 7

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

xx

600

SEP 1 5 1953

Mr. C. R. Phillips

Spruce Pine, North Carolina

Re: Docket No. DMEA-3035 - Mica
C. R. Phillips, H. Grindstaff and
F. Boyd
J. R. Reynolds Mine
Upson County, Georgia

Dear Mr. Phillips:

Reference is made to your application for exploration assistance on the subject property.

The Government Field Team has made an examination of your property and reports that at the time of the examination the mine was inactive and the open cut was filled with water. The pegmatite could not be inspected and as a result, the Field Team's Report was based on past history of the mine.

The Field team would be pleased to re-examine this pegmatite in the event you pump it out. Kindly notify the Regional Office concerning your intentions, so the Field Team can make arrangements to re-examine your property when the pumping has been accomplished.

Sincerely yours,

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

WCAnderson:gad 9/15/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

SEP 1 1953 600

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

Subject: Docket No. DMEA-3085 - Mica
C. R. Phillips, H. Grindstaff, and F. Boyd
J. F. Reynolds Mine
Upson County, Georgia

Dear Mr. Laurence:

Before making final decision on the Field Team's recommendation that exploration assistance be granted for subject project, we would like to have more information on the water problem.

In their report the Field Team states:

"A strong flow of water has been a major problem for past mining operations."

Will you kindly furnish us the rate of flow of water in terms of gallons per minute? This would aid us very much in determining the extent of the pumping necessary.

The examiners recommended cutting a drainage ditch into the open cut at a cost of $600.00. Do you not think that this would be an unnecessary expenditure, since it would reduce the head only fifteen feet and not appreciably affect the amount of water that must be pumped from the shaft.

Your comments will be appreciated.

Sincerely yours,

Ernest Wm. Ellis

Approved:

ACTING Chairman, Operating Committee

M H Klinge
Member, Bureau of Mines

A. R. Kinkel, Jr.
Member, Geological Survey

WCAnderson:gad 8/28/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
RECEIVED
AUG 26 1953

August 25, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Acting Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3085, Mica, J. H. Reynolds Mine,
Cecil R. Phillips, Upson County, Georgia

I concur in the field team's recommendation for an exploration program in the amount of $7,250.

SIGNED
Donald R. Irving

IN REPLY REFER TO:

G-MD-CRM

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

Memorandum

August 12, 1953

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3085 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: C. R. Phillips, Henry Grindstaff, Fred Boyd, c/o C. R. Phillips.
Name of property: J. H. Reynolds Mine.
Location of property: 2.6 miles SW. of Yatesville, Upson County, Georgia.
Date of field team report: August 4, 1953.
Authorship of field team report: K. H. Teague and J. F. O'Neill.
Field team's recommendation:

Drainage ditch, 150'x4'x15'	$600.00
70-foot, 5'x7', 2 compartment shaft	3,500.00
90 feet, 5'x7' drift at $35.00/ft.	3,150.00
Total estimated cost	$7,250.00
Total time required	6 months

Comments:

1) The proposal of the Field Team appears to be satisfactorily laid out.

2) The published report and the statements of the owners sound favorable to mica production. Things are so good, in fact, that the applicants have recently sold $6,200 worth of mica to the G.S.A. depot in Spruce Pine. Since the applicants have been mining so recently with such good results, government exploration funds seem unnecessary.

3) Denial.

D. M. Larrabee

Larrabee:jeh
8/12/53
cc: Director's reading 4212
Branch reading 4212
DMEA 3
Larrabee

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-3085, J. H. REYNOLDS MINE (Mica)

Yatesville, Upson County, Ga.

By

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

James F. O'Neal, Mining Engineer
U. S. Bureau of Mines

August 4, 1953

Reviewed by
DMEA OPERATING COMMITTEE
8-14-53
(date)

Field Examination Report
on
DMRA-3085, J. H. REYNOLDS MINE (Mica)

Applicants: C. R. Phillips
Henry Grindstaff
Fred Boyd
c/o C. R. Phillips
Spruce Pine, North Carolina

This mine has produced considerable high-quality ruby mica in the past. At present the new open cut is flooded, thus the pegmatite cannot be inspected; however, the past history of the mine and the amount of the recent production indicates that the deposit offers considerable possibilities for the production of strategic mica, thus exploration assistance is recommended.

The deposit was examined on July 23, 1953. Messrs. C. R. Phillips, Henry Grindstaff, Fred Boyd, S. L. Phillips and Clingman Ellis accompanied the examiners on the inspection which required two hours.

The J. H. Reynolds mica mine is 2.6 miles southwest of Yatesville, Upson County, Georgia. Access to the mine is possible at all times; however, during periods of wet weather chains are required.

All of the applicants have had considerable mica mining experience. They appear to be competent and financially responsible to conduct the proposed project.

The applicants own the deposit in fee. Adequate area is covered by the three adjoining tracts to provide sufficient working and dumping area.

At the present time the mine is not in operation. There is a combination tool house-bunk house in good condition on the property. The only mining machinery in place is a double drum hoist.

At one time six shafts existed at this deposit. Recently the applicants have worked the deposit by open cut methods, removing all the previous shafts. The workings now consist of an open cut 150 feet long, 50-75 feet wide, and 30 feet deep at the uphill (southeast) end. The applicants report the existence of a new 18-foot shaft from the floor of the open cut, but this opening was not observed as the cut contained 10-15 feet of water. The attached sketch map shows the current openings and their relations to the previous workings.

The following description of the geology is taken from U. S. G. S. Professional Paper 248-F, p. 353.

"The pegmatite body strikes N. 45° W. and probably dips northeast. It cuts, at a high angle, the foliation of the mica gneiss wall rock, which strikes N. 85° W. and dips 25° to 40° S. in the central part of the mine area. Much of the gneiss has been invaded by stringers of pegmatitic material. Shaft B was sunk on a 5-ft pegmatite body that trends north and may be a branch of the main mass. It also cuts across the country-rock foliation. The pegmatite is poorly exposed, but unweathered material that was encountered in shaft C indicates the presence of a coarse, perthite-rich core and a flanking wall zone of quartz-plagioclase-muscovite-biotite pegmatite in which black tourmaline is a common accessory mineral. Some of the perthite crystals have well-formed faces.

"Two kinds of mica are present. Yellowish-olive "A" books, which may be associated with the core, are less abundant than a hard, flat, light cinnamon-brown mica that occurs in the wall zone. Some of the flat books are cracked and ruled, and a few are tied. Mica appears to be abundant in the deposit, and further work may be warranted. A strong flow of water has been a serious problem in past mining operations."

The description of the floor of the open cut as described by the applicants lends support to the U. S. G. S. map of the deposit. Apparently the pegmatite branches to the northwest and according to the applicants mica has been obtained everywhere pegmatite has been found.

Past production from this mine is unknown. It was operated during World War I, to a limited extent during World War II, and recently the applicants have sold about $6,200 worth of mica from the deposit to the Spruce Pine Mica Depot.

Manpower, materials, supplies, and water are readily available. Should electric power be required for pumping it will be necessary to extend a single phase power line about 0.75 miles.

The applicants'proposed program of exploration, with minor changes, appears to be satisfactory.

The examiners recommend that the project consist of cutting a drainage ditch into the open cut which will greatly reduce the amount of water to be pumped. This ditch will be approximately 150 feet long and a maximum of 15 feet deep. Part of the ditch will be in rock which will require drilling and shooting. After the drainage ditch is completed and mud removed from bottom of cut, a 70 foot shaft should be sunk near the point where the pegmatite branches. From about the 65-foot level, 30 foot drifts should be driven on all three arms of

the pegmatite (Total drifts of 90 feet). Adequate pumping facilities should be provided as the mine is near creek level and makes considerable water; however, the rock in the bottom of the cut is reported to be sound, thus no difficulty should be encountered in holding it.

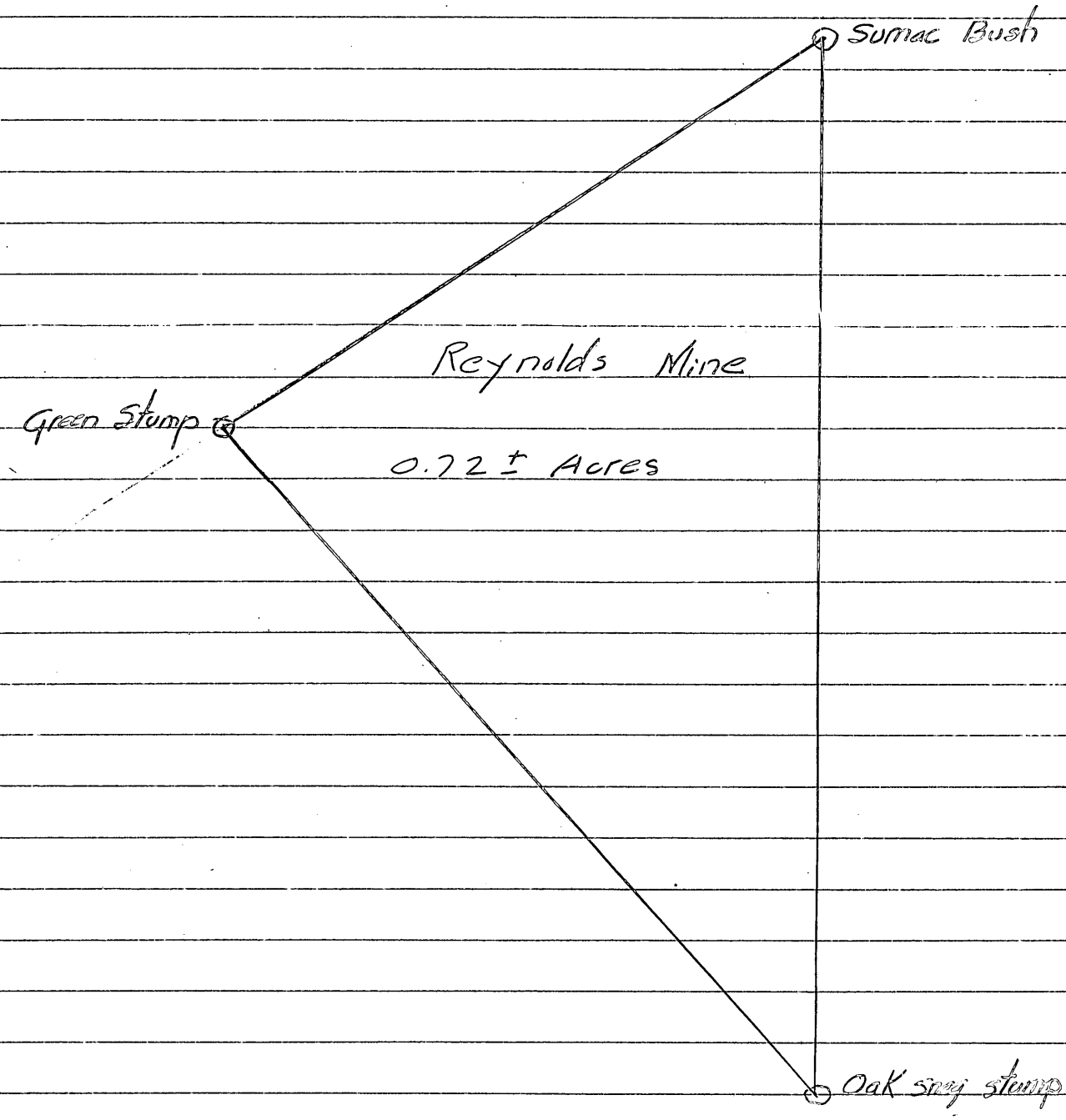
Estimated cost:

Drainage Ditch, 150' x 4' x 15'	$ 600.00
70-foot, 5' x 7', 2 compartment shaft at $50.00/ft	3,500.00
90 feet, 5' x 7' drift at $35.00/ft	3,150.00
Total estimated cost	$7,250.00
Total time required	6 months

August 4, 1953

K. H. Teague, U. S. G. S.

J. F. O'Neal, U. S. B. M.


Sumac Bush
Reynolds Mine
Green Stump
0.72 ± Acres
Oak snag stump

JUL 13 '53

Mr. C. R. Phillips
Spruce Pine
North Carolina

Re: Docket No. DMEA-3085 - Mica
C. R. Phillips, H. Grindstaff, and
F. Boyd
J. H. Reynolds Mine
Upson County, Georgia

Dear Mr. Phillips:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, Room 13, Post Office Bldg., Knoxville 2, Tennessee, DMEA Field Team, Region VII, for further consideration and possibly a field examination.

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

Sincerely yours,

C. O. Mittendorf

Administrator

LGHouk:dec 7/10/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk
Operating Committee

600

JUL 13 1953

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

Subject: Docket No. DMEA-3035 - Miss C. E. Phillips, M. Grindstaff, and E. Boyd
J. M. Reynolds Mine
Union County, Georgia

Dear Mr. Laurence:

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

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

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

A. R. Kinkel, Jr.
Member, Geological Survey

Enclosures 4

JHopkins:gad 7/10/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 8 1953

July 8, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3085, Mica, J. H. Reynolds Mine, Upson County, Georgia

No data are available in this office on subject property. It is recommended that the field team visit this property when a member of the field team is in that vicinity to ascertain if an exploration program is justified.

Signed
W. F. Dietrich

G-MD-CNM

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

COPY

June 22, 1953

Memorandum

REVIEW OF APPLICATION DMEA - 3085 (mica)

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

From: D. M. Larrabee, U. S. Geological Survey

Applicant's name and address: C. R. Phillips, H. Grindstaff, F. Boyd, all of Spruce Pine, North Carolina.

Name of property: J. H. Reynolds mine

Location of property: 2.5 mi. S 70°W of Yatesville, Upson Co., Georgia.

Summary of applicant's proposal: 70' shaft
125' drift

Sources of information on applicant's property:

Georgia Geological Survey Bull. 48, pp. 40-41
U. S. G. S. Professional Paper 248-F, p. 351

Comments:

1. According to the second reference above, the mica is non-ruby.
2. All records indicate this to be a bad operating problem, and difficult shaft sinking.
3. At least at this stage of the game, 125' of drifting is unwarranted.
4. Since the applicant is aware of the 1st reference above, he should indicate the location of his proposed project with respect to the old workings on the map, but it would be better to do so on the second reference.

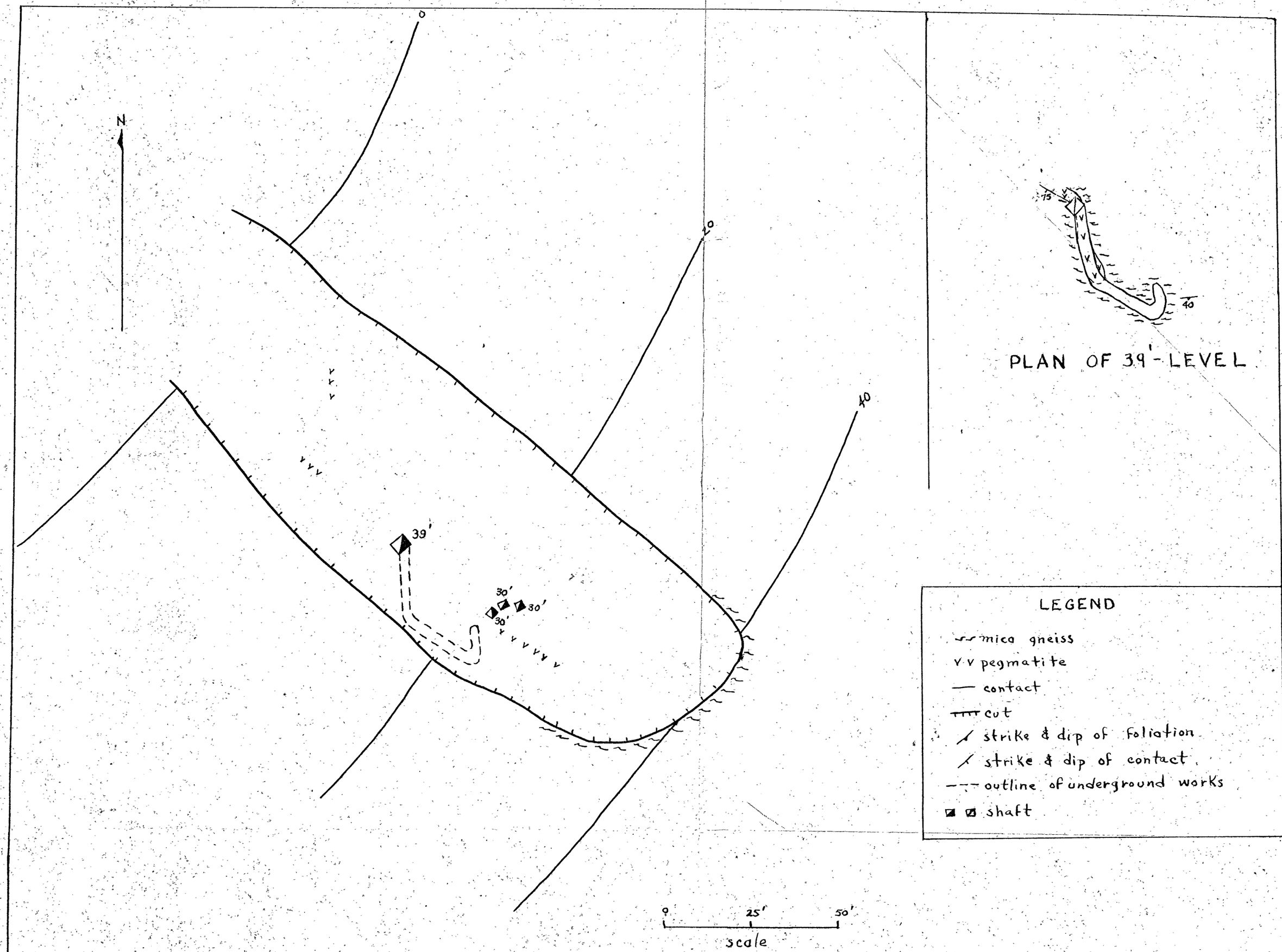
Recommendation:

Refer to the Field Team.

/s/ D. M. Larrabee

D. M. Larrabee

C O P Y



SKETCH OF
REYNOLDS MINE
UPSON CO., N.C.

DMEA - 3085 (mica)