☑ Audited 5/19/55

☐ Certified

Name Andy Pittman

State North Carolina

WORK ANALYSIS SHEET - DMEA PROJECT

Analysis as of 5-19-55

Incl. Voucher for Apr. 55

Commodity Mica

☐ Actual Cost

☑ Agreed Unit Costs

Docket No. 3458

Idm-E No. 736

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	75 Ft.	2625.00	67	2345.00	2345.00
Raising					
Shafts	75 Ft.	3,375.00	65	2925.00	2925.00
Winzes					
Drilling (Specify)					
Surface Excavation		50.00		50.00	50.00
Underground Excavation					
Roads and Trails		150.00		150.00	150.00
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.		116.00		116.00	116.00
Other (Specify)					
Totals		6,316.00		5586.00	5586.00

Prepared by Walter C. Anderson

71626

Anderson

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Andy Pittman

Spruce Pine, North Carolina

pertaining to Exploration Project Contract No. Idm-5736, Docket No. DMEA-3458, including Amendment No. 1, for the months of December, 1954 to April, 1955, inclusive, covering a project for the exploration of mica on property known as the Wissman No. 2 Mine located in Mitchell County, North Carolina.

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

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

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

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

Total cost as billed by Contractor		$5,586.00
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$5,586.00

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Four thousand one hundred eighty-nine and 50/100 Dollars

$4,189.50

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

May 19, 1955

Division Copy

7

EXPLORATION PROJECT CONTRACT
DOCKET No. DMEA 3458
Idm-E736 (mica)

AMENDMENT No. 1

Contract Idm-E736, Docket No. DMEA-3458, between the United States of American, acting through the Department of the Interior, Defense Minerals Exploration Administration and Audy Pittman, Spruce Pine, North Carolina, dated November 8th, 1954, is here by amended as follows:

1. Article 3 is amended to read..,"..... and shall bring the project to completion within a period of seven (7) months from the date of the contract"..... instead of five (5) months as written in the original contract.

April 13, 1955

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

AUDY PITTMAN
Audy Pittman

Robert A. Lamm
EXECUTIVE OFFICER
DMEA REGION V

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 26 1954

Division copy

MF-200A
(Revised June 1954)

Docket No. DMEA 3458

Commodity Mica

Contract No. Idm-E - 736

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

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

It is agreed this 8th day of November, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] Audy Pittman, whose mailing address is Spruce Pine, North Carolina, hereinafter called the "Operator," as follows:

ARTICLE 1. *This contract* is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200A), the attached Exhibit "A," Annex I, and .....

The Operator shall not transfer or assign this contract or any right thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The land which is the subject of this contract (hereinafter called "the land") is in the State of North Carolina, County of Mitchell, and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] lessee of [5] the mineral rights in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] lease, dated 6/22/54, un[7] recorded in Book ....., page ....., official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: none.

(c) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above, and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title of the land (lessor, seller, optionor, etc.), are attached, as follows: Owner's Consent to Lien

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] Insert name, and if an organization, its nature (corporation and place of incorporation, partnership with names of partners, etc.).
[3] State on a separate sheet marked "Annex I" the legal description or enough to identify the property, particularly excluding any areas from which the production is not to be subject to the Government's percentage royalty.
[4] Insert "owner," "lessee," "contract purchaser," "locator," etc.
[5] Insert "the entire interest," "the mineral rights," "an undivided one-third," etc.
[6] Insert "deed," "lease," "contract," "location notice," "patent," etc.
[7] If not recorded, so indicate by inserting "un."

(d) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. Until the lapse of the time within which the Government may make a certification of discovery or development without any such certification having been made, and after any such certification has been made, the Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. If the Government makes no certification of discovery or development within the time limited in Article 7, it shall thereafter have no claim against the land or any production therefrom except for any production referred to in Article 7(b)(1).

ARTICLE 3. *The exploration project.*—The project is a search for indicated or undeveloped deposits of .....mica..... The work to be performed is described in Exhibit "A." The Operator on or before ..... shall commence the work, and on or before April 15, 1955 ..... (unless the Operator's obligation to complete the work is terminated—see Article 8) shall complete the work.

ARTICLE 4. *Performance of the work.*—(a) *Operator's responsibility.*—The work shall be performed with reasonable diligence, efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for liability insurance covering employment; and with suitable and adequate equipment, facilities, materials, supplies, and labor, to bring it to completion within the time fixed.

(b) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after a certification of discovery or development to inspect production operations and underground workings. The operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 5. *Contribution by the Government.*—A fixed cost for each unit of work to be performed (per foot of drifting, per foot of drilling, per hour of operations, etc.) is hereby agreed upon, and is set forth in Exhibit "A" in connection with the estimated total cost of the project in the sum of $6,316.00 ..... The Government will contribute 75 percent of the fixed unit costs as work is performed, in a total sum not in excess of $4,737.00 .....: *Provided,* That until the Operator has rendered to the Government his final report, and any final 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 10 percent of the estimated total cost of the work. The Government will make its contribution on the basis of the monthly vouchers referred to in Article 6(b), but all payments by the Government are provisional only, subject to audit, until the account between the Operator and the Government is finally audited and settled. To the extent that excesses over fixed unit costs or any excess over the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such excesses for his own account without contribution by the Government. The Government may make payments directly to independent contractors and suppliers for the account of the Operator rather than to the Operator.

ARTICLE 6. *Reports, accounts, audits.*—(a) *Operator's records.*—The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine any pertinent books, documents, papers, and records of the Operator. All of the Operator's vouchers and records and accounts relating thereto and the Government's payments thereof remain subject to adjustment until final audit by the Government.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing a detailed statement of units of work performed during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and the fixed unit costs incurred for each type of work; and (3) a Narrative Report of the work

performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records or accounts.

ARTICLE 7. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after a sufficient final report and final account (see Article 6) has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

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

(c) *Basis for computation.*—The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f. o. b. point); *except,* that charges of *the buyer* arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by *the buyer,* sampling and assaying to determine the value of the production sold, and freight paid by *the buyer* to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the crude ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

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

(e) *Percentages of royalty.*—The percentages of the Government's royalty shall be as follows:

One and one-half (1½) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half (½) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.

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

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this article.

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

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

(i) *No obligation to produce.*—Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(j) *Government not obligated to buy.*—Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

ARTICLE 8. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery, and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon the Government shall be free of all obligation to pay on account of units of work not then performed, and the Operator shall be free of all further obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The remedy provided for the Government in this paragraph "(b)" is in addition to any other remedy provided in this contract, and in addition to any other remedy the law may provide for breach of contract.

(c) The giving of any notice by the Government under the provisions of this Article 8 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and such rights shall be fully preserved.

ARTICLE 9. *Notices to be given by the Government* may be delivered to the Operator, or may be sent by registered mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 10. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 11. *Changes and added provisions.*—

Executed in sextuplicate the day and year first above written.

Audy Pittman

AUDY PITTMAN

(Operator)

By .....

.....

THE UNITED STATES OF AMERICA

By C. Whitehead

Administrator, Defense Minerals Exploration Administration

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

.....

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—70618-1

RECEIVED
NOV 26 1954

EXPLORATION PROJECT CONTRACT
AUDY PITTMAN
DOCKET NO. DMEA-3458

ANNEX I

The land referred to in Article 2 of the contract is known as the Wiseman #2 Mine, and was leased for mining purposes to Audy Pittman for a period of five years with option to renew for an additional five years by International Minerals and Chemical Corporation, by an instrument dated June 22, 1954. The Wiseman #2 Mine is on the hillside east of Beaver Creek about 1.8 miles N. 22° E. of Spruce Pine, Mitchell County, North Carolina, and is described in the lease as follows:

> Beginning at a point on the West side of the ridge 313 feet below the Wiseman #2 Mine and runs 208 feet North, thence up the mountain 626 feet East, thence South 208 feet, thence West 626 feet to the beginning, so as to include the Wiseman #2 Mine in the center, and containing 3 acres more or less.

EXPLORATION PROJECT CONTRACT
AUDY PITTMAN
DOCKET NO. DMEA-3458

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica shall be accomplished in the area indicated on the attached map entitled "Sketch of Wiseman #2 Mine, Mitchell Co., N.C. DMEA-3458 (mica)," as follows:

1. Construct 300 feet of access road, requiring removal of some rock ledges, and approximately 300 cubic yards of soil.

2. Prepare a shaft site, requiring leveling and removal of approximately 150 cubic yards of boulders and soil.

3. Construct:

   (a) A toolhouse, minimum dimensions 7 feet by 10 feet by 12 feet.
   8 10

   (b) A powder storage magazine, minimum dimensions 4 feet by 3 feet by 2½ feet.

   (c) An exploder storage magazine, minimum dimensions 2 feet by 1½ feet by 1 foot.

The toolhouse may be unfloored; shall be made from rough, unfinished lumber with a protective roof covering; and shall be equipped with lock and key.

The powder and exploder magazines shall be boxed on all sides; shall be made from 2-inch hard lumber or 3-inch soft lumber; and shall be well braced at the corners. Lumber for these two buildings shall be smooth on the inside; no metal shall be exposed; and the lids or doors shall be securely locked with the equivalent of a 5-tumbler jarproof lock.

4. Sink a 75-foot, 2-compartment vertical shaft to intersect the pegmatite below the level of the old workings.

5. From the bottom of the shaft, drive 75 feet of drifts and/or crosscuts on the pegmatite.

The shaft and the drifts and/or crosscuts shall be timbered as necessary and shall have cross-sectional dimensions of not less than 5 feet by 7 feet in the clear of timber.

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

Fixed Unit Costs

Constructing 300 feet of access road @ $0.50/ft.		$ 150.00
Preparing shaft site, 150 cubic yards @ $0.33-1/3/cu. yd.		50.00
Constructing:	Toolhouse 1/	78.00
	Powder magazine 1/	25.00
	Exploder magazine 1/	13.00
Sinking 75 feet of shaft @ $45.00/ft.		3,375.00
Driving 75 feet of drifts and/or crosscut @ $35.00/ft.		2,625.00
	Estimated Total Cost of Project	$6,316.00
	Government participation @ 75%	$4,737.00

1/ The completed work constitutes the unit.

DEPARTMENT OF THE INTERIOR
Lease Minerals Adm.
RECEIVED
NOV 26 1954

DEPARTMENT OF THE INTERIOR
Lease Minerals Administration
RECEIVED
SEP 20 1954

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

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

[illegible]

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

2/ [illegible]

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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

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

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

(OVER)

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

4. Changes and added provisions _____

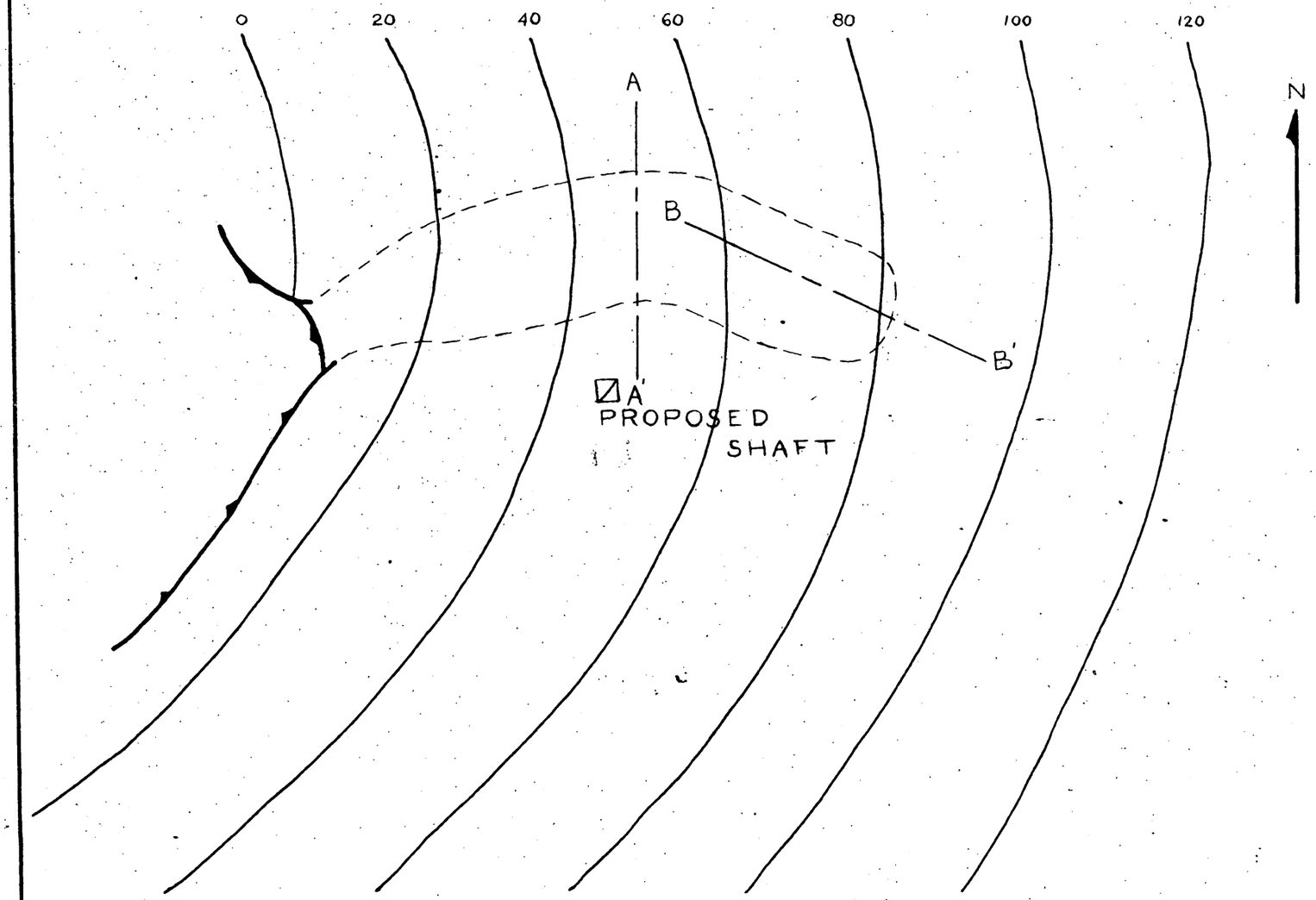
_____

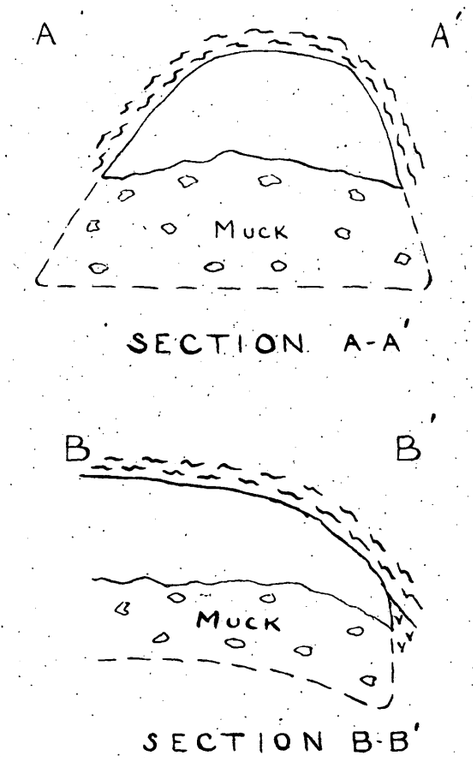
_____

_____

Dated this 9th day of Sept., 195 4.

Norman J. Dunbeck [Seal]
Norman J. Dunbeck, Vice President
International Minerals & Chemical Corp. [Seal]
20 North Wacker Drive
Chicago, Illinois [Seal]





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SCALE

SKETCH OF
WISEMAN #2 MINE
MITCHELL CO., N.C.

DMEA - 3458 (mica)

600

DEC - 5 1955

Mr. Rudy Pittman

Spruce Pine, North Carolina

Re: Docket No. DMEA-3458 - Mica
Wiseman #2 Mine
Mitchell County, North Carolina
Contract No. Idm-E736

Dear Mr. Pittman:

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

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the contract. In the absence of such certification, the Government 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. Mittenderf

Administrator

WCAnderson:pk 7/5/55
Copy to: Admr. R. File
Docket
Mr. Chambers
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5222
Field Team, Region V
Mr. Houk
Mr. Norman J. Dunbeck, Vice President
International Minerals & Chmeical Corp.
20 North Wacker Drive
Chicago, Illinois

Project Summary Report

By: Walter C. Anderson

1. Project No. DMEA-3458-Mica
Contract No. Adm-E 736
Wiseman #2 Mines
Mitchell County, North Carolina

Operator: Andy Peterson
Spruce Pine, North Carolina

Application: Form MF-103 (April 1952) received August 23, 1954.
Work proposed - Construct toolhouse, powder & exploder magazines; 60 feet of shaft and 120 feet of drifts.
Amount requested - $7,150.00

Operator's property rights:
Mining lease for 5 years, dated June 22, 1954
Owner's Consent to Lien, dated September 9, 1954.

2. Contract - Form MF-200A (June 1954) dated November 8, 1954.
Work authorized:

Construction 300 feet access road @ $0.50/ft.	$150.00
Preparation of shaft site, 150 Cyds @ $0.33⅓/cyd.	50.00
Construction - Toolhouse, powder & exploder magazines	116.00
Sinks 75 feet of shaft @ $45.00/ft	3,375.00
Drives 75 feet of drifts and/or crosscuts @ $35.00/ft.	2,625.00
Estimated total cost of project	$6,316.00
Government participation @ 75%	$4,737.00

Amendments: No. 1 - 4/13/55 - Extends completion date from 5 months to 7 months.

Work completed:

300 feet access road	$150.00
Prepared shaft site	50.00
Constructed - toolhouse, powder & explosives magazine	116.00
65 feet of shaft @ $45.00/ft.	2,925.00
67 feet of drifts @ $35.00/ft.	2,345.00
Total accepted cost	* $5,586.00
Government participation @ 75%	* $4,189.50

* Figures confirmed by Report of Review dated May 18, 1955

Work began on December 16, 1954 and was completed on April 22, 1955.

Field team final report received May 31, 1954

Operator's final report received May 31, 1954

Royalty of $10.60 paid to Government on a sale of mica

Operation - Good

Engineering - Reporting by Operator was inadequate.

Geological premise - The premise that this mine was a good potential for production of considerable amounts of mica below the old workings was wrong, as only a small amount of poor quality mica was revealed.

Geological Criteria upon which work was based:

1. Unzoned pegmatite, 15 feet thick by at least 8? feet long.
2. Mica - light green, hard, flat, for splitting. Mica books up to 15 inches across.
3. Past production.

Criteria observed during project -

1. The laterite "exposed" several lens-shaped pegmatites, largest 5 feet thick, unzoned and conformable.
2. Mica - sparse and all of poor quality.

IN REPLY REFER TO:

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

RECEIVED
JUN 29 1955

June 29, 1955

Re: DMEA-3458, Idm-2736
Andy Pittman
Wiseman No. 2 Mine
Mitchell County, N. C.
$6,316.00 - Mica

Memorandum

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

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

Subject: Review of final report of Field Team

Comparison of the sketch maps accompanying this and the Field Team report indicate that what this old mine needed most was mucking out. The shaft from the surface to the adit-stope would have been unnecessary and the pinching of the pegmatite indicated.

I concur with the recommendation that no certificate of discovery be issued.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-6/29/55

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

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

RECEIVED
JUN 21 1955

June 20, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-3458 (mica)

Applicant: Audy Pittman

Name and Location of Property: Wiseman No. 2 Mine,
Mitchell County, North Carolina

Contract Number: Idm-E 736

Date of Field Team Report: May 27, 1955

Date Rec'd by Br. of Ceramic & Fertilizer Materials: June 7, 1955

Field Team Recommendation:

1. No certification.

Comments:

1. Only a small quantity of mica was recovered.

2. Reserves of strategic mica are negligible.

3. Expenditures - Total approved $6,316.00
Total cost 5,586.00
Gov't share of the cost 4,189.50
Value of production during operation None

Recommendation:

I concur in the field team recommendation to deny certification.

SIGNED

W. F. Dietrich

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

COPY

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

May 27, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region 5, Knoxville, Tenn.

Subject: DMEA-3458, Idm-E736 (mica) Audy Pittman, Spruce Pine, N. C.
Wiseman No. 2 Mine, Mitchell County, N. C.

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

Certification of discovery is not recommended.

/s/ ROBERT A. LAURENCE
Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

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

Reviewed by
DMEA OPERATING COMMITTEE
6-6-55
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
BY

FIELD TEAM - REGION V

DMEA-3458, WISEMAN No. 2 MINE (Mica)

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

and

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

May 26, 1955

Reviewed by
DMEA OPERATING COMMITTEE
6-6-55
(date)

FINAL REPORT

DMEA-3458, Idm-E736, WISEMAN No.2 MINE
(mica)

Operator: Audy Pittman, Spruce Pine, N. C.

Location: On the hillside east of Beaver Creek, 1.8 miles N. 22° E. of Spruce Pine, Mitchell County, N. C.

Exploration at this mine, down dip from previous producing pegmatite, failed to reveal mica-bearing rock. It is recommended that no certification be issued. Additional exploratory work is not warranted.

Work under contract began on December 16, 1954 and was completed April 22, 1955. An access road about 300 feet long was bulldozed to the mine; a shaft site was prepared; and a toolhouse, powder and exploder magazines were constructed. A 65-foot vertical shaft 5' x 7' in cross section was sunk; the first 36 feet being vertical and the remainder inclined -45° in a S 50° E. direction. From the bottom of this shaft a level 67 feet long was driven as follows:- 30 feet in a N. 15° E. direction, then 29 feet due north and lastly, 8 feet S. 60° W.

Several discontinuous lens-shaped pegmatites are exposed in the lateral. The largest is about 5 feet thick and all are conformable to the enclosing biotite gneiss. Their attitude is variable striking N. 15° E. to N. 60° W. and dipping 0 - 40° eastward. The pegmatites are composed of plagioclase, quartz, muscovite and garnet, in order of abundance. No zoning is apparent. T he pegmatite which was mined in past operations (World War II) and which was the target of the current exploration apparently does not extend down dip to the level from which the work was conducted.

Only a small amount of mica was revealed by work performed under the contract and all is of poor quality being reeved and cracked and having mineral inclusions. Most is too small in size to yield trimmed sheet mica. One small sale of mica was made during the period of the contract but it was from old workings in the leased area and not from work performed under the contract.

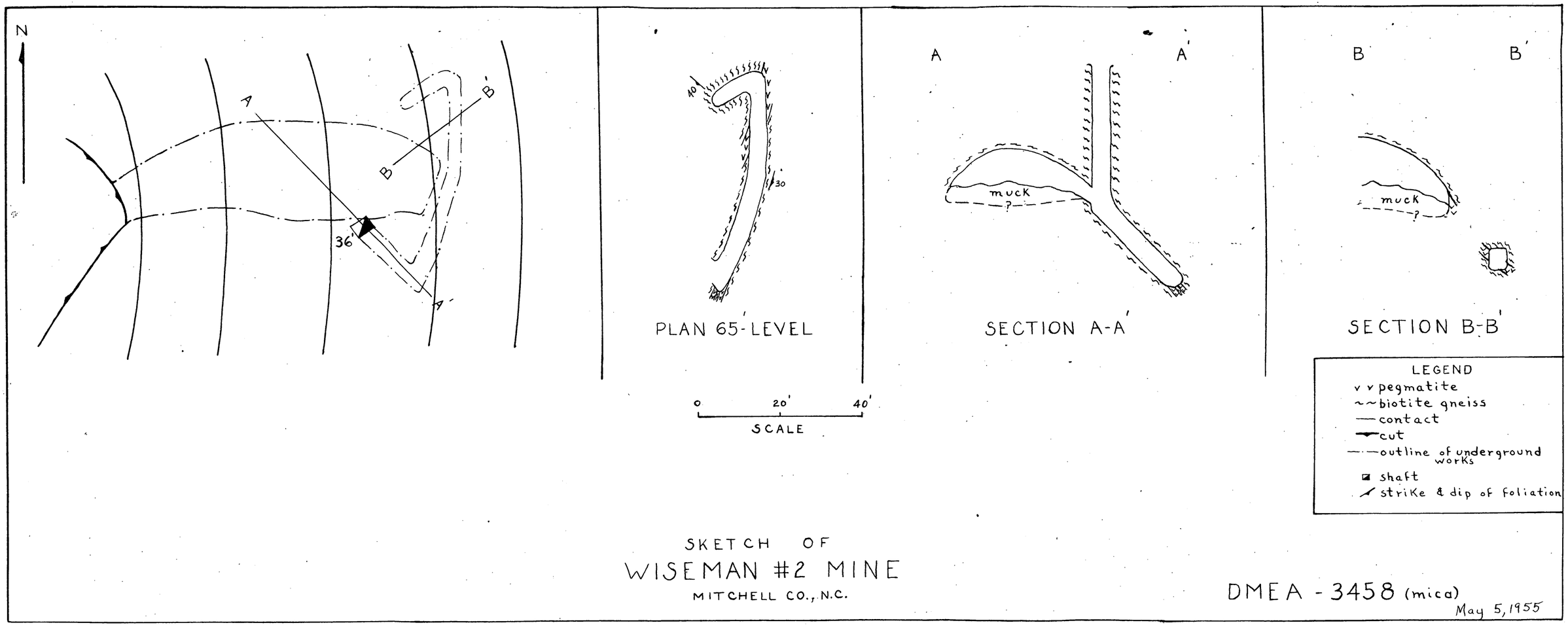
No reserves of strategic mica were revealed by the work done under the contract.

Expenditures:

(a)	Total approved	$6316.00
(b)	Total cost of project	5586.00
(c)	Government's share of cost	4189.50
(d)	" " unexpended	547.50
(e)	Value of production during opr.	None
(f)	Royalty received to date	10.60

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

L. E. Shirley, Mining Engineer---- K. H. Teague and D. H. Amos, Geologists
U. S. Bureau of Mines U. S. Geological Survey


N
A
A'
B
B'
36'
PLAN 65'-LEVEL
40
30
A
A'
muck
?
SECTION A-A'
B
B'
muck
?
SECTION B-B'
0
20'
40'
SCALE
LEGEND
v v pegmatite
~~biotite gneiss
—contact
cut
—·—outline of underground works
shaft
strike & dip of foliation
SKETCH OF
WISEMAN #2 MINE
MITCHELL CO., N.C.
DMEA - 3458 (mica)
May 5, 1955

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

Defense Minerals Administration
MAY 31 1955

May 27, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region 5, Knoxville, Tenn.

Subject: DMEA-3458, Idm-E736 (mica) Audy Pittman, Spruce Pine, N. C.
Wiseman No. 2 Mine, Mitchell County, N. C.

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

Certification of discovery is not recommended.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch, Member
Bureau of Mines

RAL/zm
cc:
Lynch
Shirley
Files

Wiseman #2 Mine, Mitchell County

The first 25 feet of the vertical shaft was thru hard slate.

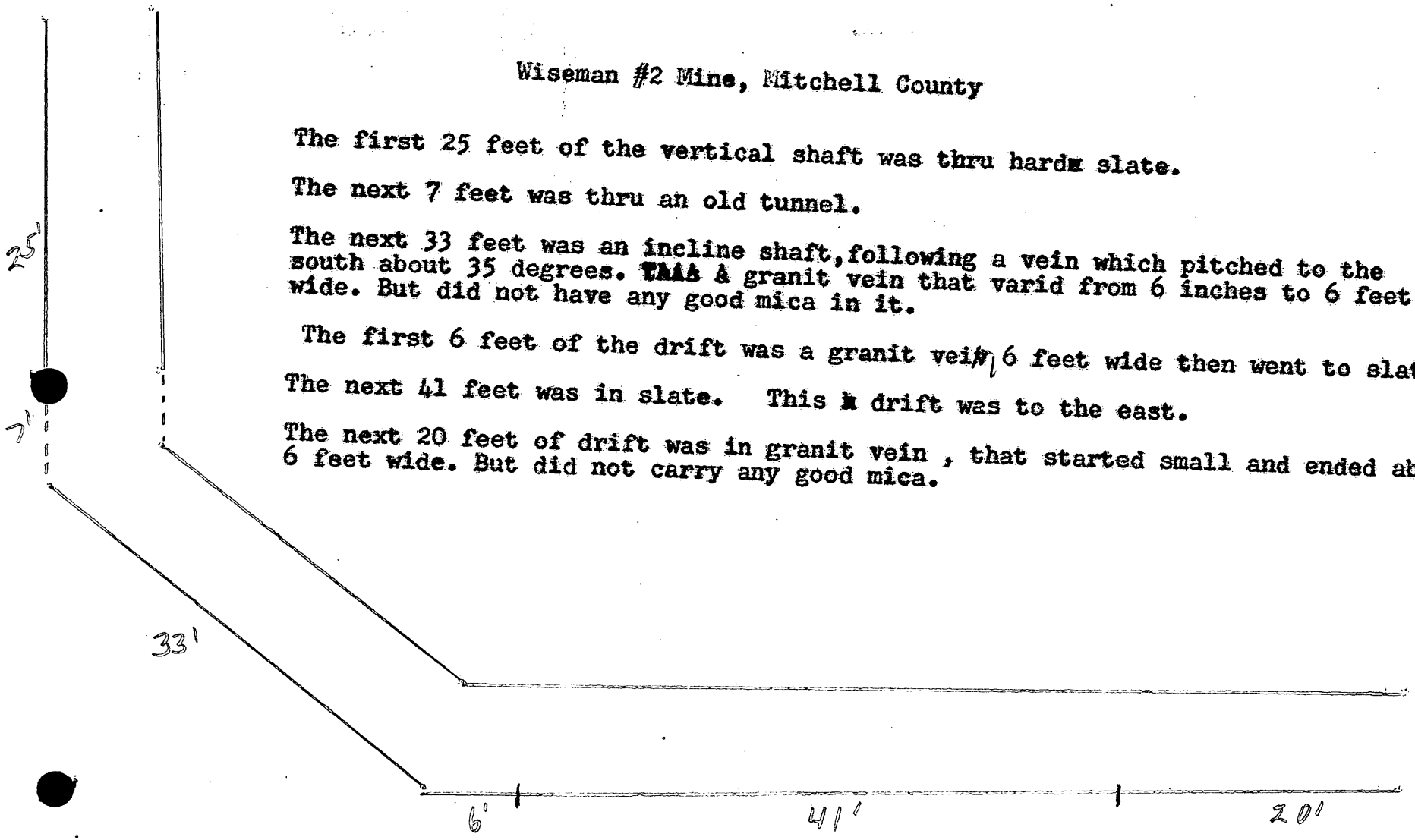
The next 7 feet was thru an old tunnel.

The next 33 feet was an incline shaft, following a vein which pitched to the south about 35 degrees. ~~This~~ A granit vein that varid from 6 inches to 6 feet wide. But did not have any good mica in it.

The first 6 feet of the drift was a granit vein 6 feet wide then went to slate.

The next 41 feet was in slate. This drift was to the east.

The next 20 feet of drift was in granit vein, that started small and ended about 6 feet wide. But did not carry any good mica.



Andy Pittman

Anderson

INTERIM REPORT

DMEA-3458, Idm-8736 (mica) WISEMAN No.2, MINE

Operator: Audy Pittman, Spruce Pine, N. C.

Location: On the hillside East of Beaver Creek about 1.8 miles N. 22° E. of Spruce Pine, Mitchell County, N. C.

All work as authorized on this contract has been completed at this location, without making a discovery of strategic mica. A recent visit from the Operator disclosed that all equipment has been moved from the site and that no additional exploration will be attempted by the Operator at his own expense.

Work completed consisted of : Construction of an access road, toolhouse, powder and exploder magazines, preparation of a shaft site, sinking a shaft 36 feet vertically and continued sinking on a -40° incline an additional 29 feet, and driving 70 feet of level work to the north from the 65 foot shaft bottom. Most of the work was conducted in feldspathic pegmatite containing scattered quartz and an occasional small block of mica. A small sale of mica recovered from old workings in the leased area, but not from work performed under contract, was made during the period while the contract was in force. It is suggested that no certification of discovery be issued on this mine.

The project was conducted satisfactorily and the Operator accepted all recommendations made by the Field Examiners.

May 5, 1955.

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

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

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April 1955 Docket No. DMEA 3458 Contract No. IDM 736
Operator's Name Audie Pittman Minerals Mica
Address Spruce Pine, N. C.
Contract Amount, $ 6,316.00 Government Participation: 75% Amount, $ 4,737.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	$560.00	$1,785.00	$2,345.00			
Drifting						
Shafting		$2,925.00	$2,925.00			
(2) Labor and Supervision:						
Labor						
Supervision Preparing Site		$50.00	$50.00			
Technical Services Constructing road		$150.00	$150.00			
(3) Operating Mat'ls. and Supplies:						
Timber Tool House		$78.00	$78.00			
Explosives Powder Mag.		$25.00	$25.00			
Pipe Exploder Mag.		$13.00	$13.00			
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	$560.00	$5,026.00	$5,586.00	560.00	5026.00	5586.00

I certify that the above bill is correct and that payment therefor has not been received.
Date 5-7-55 *Payee Audie Pittman
Per Audie Pittman Title

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

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

(Instructions on reverse)

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

$ 420.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date 5-16-55 Vou. No.
(See other side)

140.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E736 in accordance with the terms of the contract.

Signature Laurence C. Shirley Title Mining Engr. U.S.B.M. Date May 9, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title EXECUTIVE OFFICER DMEA REGION V Date MAY 10 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

Defense Minerals Administration
RECEIVED
MAY 17 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1955 Docket No. DMEA 3456 Contract No. IDM 736
Operator's Name Andy Pittman 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	Authorized by Contract: Unit Costs
Drifting	Ft.	$560.00	16	$2,345.00	67	$35.00	75	$35.00 per
Crosscutting								
Raising								
Shafts				$2,925.00	65	$45.00	75	$45.00 per
Winzes								
Drilling: Coleso				78.00	1	78.00	1	78.00
Powder Churn Magazine				25.00	1	25.00	1	25.00
Explosives Auger Magazine				13.00	1	13.00	1	13.00
Stripping								
Trenching								
Test Pits								
Roads and Trails Road	1			$150.00	1	$150.00	1	$150.00
Preparing Shaft Site				50.00	1	50.00	1	50.00
Total Distributed Costs		$560.00						Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$560.00		$5,500.00				

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

Date 5-7-55 Operator Andy Pittman

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

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

Remarks:

(Instructions on reverse)

(For Government use only)

Lawrence E. Shirley - May 9, 1955

INSTRUCTIONS

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

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

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

GPO 872894

Operator's Monthly Progress Report for Month
of April 1955

April 1 st Drilled all Day

" 4 th Blasted and Mucked out Advanced 4 Feet

" 5 th Pumped Water Drilled

" 6 th Built a ladder for Shaft And Started Drilling

" 7 th Mucked out Advanced 4 Feet and Started Drilling

" 8 th Finished Drilling Mucked Out Advanced 2 feet . This Finished our Drift

" 11 th Pumped Water ~~XXXXXXX~~ Half Day Cleaned Up to Start Our Cross Cut

" 12 Drilled All Day

" 13 Th Pumped 1 Hour Drilled Ana Blasted Started Mucking

" 14 th Mucked out Advanced 4 Feet

" 15 th Drilled All Day

" 18 th Blasted and Mucked out Advanced 4 Feet

" 19 th Drilled All Day

" 20 th Blasted and Mucked out Advanced 3 Feet This Finished Our Cross Cut.

"21 st and 22nd We Made a 3 Foot Raise This Finished our Loan.

Andy Pettner

Anderson

INTERIM REPORT

IMEA-3458, Idm-E736 (mica) WISEMAN No. 2 MINE

Operator: Audy Pittman - Spruce Pine, North Carolina

Location: On the hillside east of Beaver Creek about 1.8 miles N. 22° E. of Spruce Pine, Mitchell County, N. C.

Level work continues on this project and now totals 67 feet consisting of 59 feet driven due north and the last 8 feet S. 60° W. A ~~long~~ low-dipping pegmatite with a maximum thickness of about 5 feet is exposed in the lateral at 40-60 feet from the incline bottom. Only sparse mica which is small and badly reeved and cracked is present in the body.

The Operator was advised to continue drifting on the pegmatite by inclining upward slightly from a point about 60 feet from the bottom of the incline.

Date Examined: April 21, 1955.

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

and

V. J. Lynch, Mining Engineer
U. S. Bureau of Mines

z

May 2, 1955

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 1 - Docket No. 3458 - Mica
Andy Pittman
Wiseman No. 2 Mine
Mitchell County, North Carolina
Contract No. Idm-E736

The Nonmetallic Minerals Division concurs in Amendment No. 1 to the subject contract as written and executed in the field. This amendment extends the completion date from April 15, 1955, to June 8, 1955.

This amendment is necessary because the Operator was hampered by unexpected delays making it impossible to complete the work in the specified time and it is in the Government's interest to finish the contract.

/S/
Walter C. Anderson
Nonmetallic Minerals Division

WCAnderson:ad 5/2/55
Copy to: Admr. R. File
Mr. Houk

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

WASHINGTON 25, D.C.

April 25, 1955

7

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA- Region 5, Knoxville, Tennessee

Subject: Amendment No. 1, on Idm-E736, DMEA-3458, Audy Pittman, N. C.

Transmitted are three copies of the subject amendment. The usual distribution of the other copies has been made.

This amendment was necessary due to unexpected delays, therefore the Operator was unable to finish the work in the allocated time. It is in the interest of the Government to extend the completion date.

Robert A. Laurence

RAL/xm
cc:
Lynch
Shirley
Files

COPY

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

April 22, 1955

Memorandum

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

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

Subject: Time Extension Amendments: DMEA-3188, Idm-E647
DMEA-3422, Idm-E726
DMEA-3458, Idm-E736

Reference is made to your letter of April 20, concerning the subject contracts.

Time extension amendments for all three were prepared, signed, and sent to the Operators for signature on the following dates:

DMEA-3188 - April 13
DMEA-3422 - April 13
DMEA-3458 - April 5

So far, none of the amendments have been executed and returned. Mr. Teague is in North Carolina this week, and may bring some of the amendments back with him. As soon as we received the executed amendments, copies will be distributed as usual.

Robert A. Laurence

600

APR 2 0 1955

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

Dear Mr. Lawrence:

We wish to call your attention to the following dockets the completion dates of which may require extension by amendment:

Docket	Contract	Completion date
DMEA-3188	Idm-8647	April 14, 1955
DMEA-3422	Idm-1726	April 1, 1955
DMEA-3458	Idm-1736	April 15, 1955

In those cases where this will be necessary and you approve, will you please furnish us copies of such amendments.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

WOAnderson:ad 4/19/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3041
Mr. Hook

P.S. In the case of DMEA-3188 we will prepare the time extension amendment in this office if you are in agreement.

INTERIM REPORT

IMEA-3458, Idm-E736 (mica) WISEMAN NO.2 MINE

Operator: Audy Pittman - Spruce Pine, North Carolina

Location: On the hillside east of Beaver Creek about 1.8 miles N. 22° E of Spruce Pine, Mitchell County, N. C.

Drifting continues on this contract and is now at 51 feet. The present drift direction is due north, following a body about 5 feet thick of coarser pegmatitic material than previously observed. A few small blocks of mica was observed in place near quartz. The body is enclosed in biotite gneiss, presently exposed in the roof. Six test holes not exceeding 7 feet, have been drilled since the last visit at a point 34 feet from the incline bottom in both walls and the roof and floor areas; no pegmatite was encountered in any of these holes, other than that already existing. The Operator was advised to continue the drift.

Safety suggestions made during this visit included the necessity for installation of ladders in the vertical shaft and additional scaling of the drift area. Progress on this contract is satisfactory.

Inspected: April 4, 1955

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

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

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

April 11, 1955

Memorandum

To: Helen Miller, Ass't Administrative Officer - Region 5

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

Subject: Royalty payment on Idm-8736, DMEA-3458, Audy Pitman
Wiseman No. 2 Mine - North Carolina

Transmitted is a sale slip in the amount of $212.04, and a check for $10.60, royalty on the subject contract.

Robert A. Laurence

ZM.
cc:
Lynch
Wittendorf
Shirley
Allsman
Audy Pitman
Files

Copy
Mittendorf
Lynch

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

Authorization No. 1411-A Acceptance No. 1216 Date: 3-25-55

Seller: Andy Pittman - R#2 - Spruce Pine, N.C.

Mine: Wiseman #2 mine DMEA No. 3458, Adm E-736
Mitchell County, N.C.

Quality of Mica	HALF TRIM			FULL TRIM		
	Pounds	Price/Lb.	Amount	Pounds	Price/Lb.	Amount
Good Stained & Better Grades No. 3 & larger					$70.00	
No. 4 and 5				.56	$40.00	22.40
No. 5½ and 6				11.56	$15.00	173.40
Stained No.3 and larger		$12.00			$18.00	
No. 4 and 5		$ 5.00		~~[illegible]~~	$ ~~8.00~~ 4.88	~~[illegible]~~
No. 5½ and 6		$ 3.00		4.06	$ ~~5.00~~	16.24
Heavy Stained No. 3 & larger		$ 8.00			$13.00	
No. 4 and 5		$ 4.00			$ 6.00	
No. 5½ and 6		$ 2.00			$ 3.00	
LOT TOTALS		//////		16.18	//////	
TOTAL		/////			/////	212.04

Royalty check $10.60

Region V

P. O. Box 217
April 6, 1955

Memorandum

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

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

Subject: Monthly reports and vouchers

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

Idm-E-736	Andy Pittman DMEA Docket No. 3458 4th payment - month of March Amount $1076.25
Idm-E-762	Keller Mining Company DMEA Docket No. 3577 2nd payment - month of March Amount $1181.25

Helen R. Miller

Attachments 2
hbm
Copies to V. J. Lynch
R. A. Laurence
Norris Files
Day Files

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

Budget Bureau No. 42-R1036.5

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March 1955 Docket No. DMEA 3458 Contract No. 736
Operator's Name Audy Pittman Minerals Mica
Address Spruce Pine, N.C.
Contract Amount, $ 6 316.00 Government Participation: 75 % Amount, $ 4737.00

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	1435.00	350.00	1785.00			
Drifting						
Shafting		2925.00	2925.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Preparing Shaft Sight		50.00	50.00			
Construction Road		150.00	150.00			
(4) Operating Equipment:						
Rental Tool House		78.00	78.00			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Powder Magasine		25.00	25.00			
Exploder "		13.00	13.00			
(8) Contingencies (specify):						
TOTALS	1435.00	3591.00	5026.00	1435.00	3591.00	5026.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 4-1-55 *Payee Audy Pittman

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 1076.25

Signature Helen K. Miller
(Authorized Certifying Officer)

Date 4-6-55 Vou. No. _____
(See other side)

358.75

(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. Tho-E736 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date April 4, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

APR 11 1955

Month of March 195 5 Docket No. DMEA 3458 Contract No. 736
Operator's Name Audy Pittman 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	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft	1435.00	41.00	1785.00	51	35.00	75	35.00
Construction Road	1			150.00	1	150.00	1	150.00
Shaft Sight	1			50.00	1	50.00	1	50.00
Shafts	Ft			2925.00	65	45.00	75	45.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Tool House	1							
Trenching								
Powder Magazine	1			78.00	1	78.00	1	78.00
Test Pits								
Cap "	1			25.00	1	25.00	1	25.00
Roads and Trails				13.00	1	13.00	1	13.00
TOTAL DISTRIBUTED COSTS		1435.00		5026.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 4-1-55 Operator Audy Pittman

Per _____ Title _____

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

Operator's Monthly Progress

March 1 st Cut Timber to Build Skid Way in Shaft

" 2 nd Constructed Skid Way in Shaft So Bucket Would work Better

" 4 Th Dlilled All Day

" 5 TH Drilled and Blasted ana Started Mucking

" 7 th Mucked Out Advanced 4 Feet and started Drilling

" 8 th Drilling And Blasted and Mucking

" 9 th Mucked Out advanced 3 Feet Started Drilling

" 10 th Drilling Blasting And Mucking

" 11 th Mucked out Advanced 3 Feet, Cleaning Up And Working On Machinery

" 14 th Drilling Blasting and Mucking

" 15 th Mucking and Drilling

" 16 th Mucked out Advanced 4 fFeet

" 17 th Ddilled All Day

" 18 th Blasted and Mucked out Advanced 5 Feet

" 19 th Drilled and Worked On Hoist

" 21 st Drilled Blasted and Started Mucking

" 22 th Mucked out Advanced 4 Feet

" 23 rd Drilling Blasting And Mucking

" 24 th Mucked Out Advanced 4 Feet

" 28 th Drilling And Blasting

" 29 th Mucking And Drilling Advanced 4 Feet

" 30 th Drilling Blasting Mucked out Advanced 3 Feet

" 31 th Drilling Blasting Mucking Advanced 7 Feet

Andy Rittman

Anderson

MAR 28 1955

INTERIM REPORT

DMEA-3458, Idm-E836 (mica) WISEMAN NO.2 MINE

Operator: Audy Pittman, Spruce Pine, North Carolina

Location: On the hillside east of Beaver Creek about 1.8 miles N. 22° E. of Spruce Pine, Mitchell County, North Carolina

Drifting continues on this contract and is now at 30.5 feet. The drift has been driven N. 15° E. and the last work has followed pegmatitic stringer material containing small mica. The Operator was advised to do some test hole drilling in both the floor and roof of the drift before attempting any additional drift advance.

The Operator was advised to scale the drift overhead after shooting. Round poles have been installed along the incline as skids for bucket hoisting.

Progress on this contract is satisfactory.

Inspected: March 17, 1955

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

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

Anderson

INTERIM REPORT

ON

DMEA-3458, Idm-E736 (mica) WISEMAN No. 2 MINE

Operator: Audy Pittman, Spruce Pine, North Carolina

Location: On the hillside east of Beaver Creek, about 1.8 miles N. 22° E. of Spruce Pine, Mitchell County, N. C.

Drifting is underway from the 65 foot incline level on this contract and an advance of 13 feet to the northeast has been made in the past two weeks. Material encountered consists of two pegmatite stringers separated by about 6 inches of mica gneiss. The stringers are barren of mica. The Operator was advised to continue drift operations until another visit can be made.

It was suggested that the Operator install railings around three sides of the shaft to the required height of 42 inches from the surface. Compliance in the near future was indicated. Progress on this contract is satisfactory.

Examined:
March 3, 1955,

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

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

Anderson

MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON TOTAL OF SCHEDULE OF PAYMENTS # 44

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Feb. 1955 Docket No. DMEA 3458 Contract No. 736

Operator's Name Audy Pittman Minerals Mica

Address Spruce Pine, N.C.

Contract Amount, $ 6316.00 Government Participation: 75 % Amount, $ 4737.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	350.00	12	350.00			
Sharting (21 ft.)	945.00	1980.00	2925.00			
(2) Labor and Supervision:						
Labor						
Preparing Shaft Sight		50.00	50.00			
Supervision						
Construction Road		150.00	150.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Tool House		78.00	78.00			
Timber						
Powder Magasine		25.00	25.00			
Explosives						
Exploder "		13.00	13.00			
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	1295.00	2296.00	3591.00	1295.00	2296.00	3591.00

DEPARTMENT OF THE INTERIOR
Minerals Administration
RECEIVED
MAR 11 1955

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

Date 3-5-55 *Payee Audy Pittman

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 971.25

Signature Helen R. Miller
(Authorized Certifying Officer)

Date 3-9-55 Vou. No. _____
(See other side)

3

323.75

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E736 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date March 7, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date MAR 8 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 11 1955

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

Month of FEB. 5 1955 Docket No. DMEA 3456 Contract No. IBM 756
Operator's Name Audy Pittman 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	AUTHORIZED BY CONTRACT Unit Costs
Drif Construction Road	Ft	350.00	10	350.00	10	350.00	75	350.00
Cross Shaft Sight	1			150.00	1	150.00	1	150.00
Raising	1			50.00	1	50.00	1	50.00
Shafts	Ft	945.00	21	2925.00	65	2945.00	75	45.00
Winzes								
Drilling: Core								
Churn								
Tool House	1			78.00	1	78.00	1	78.00
Stripping Powder Magazine	1			25.00	1	25.00	1	25.00
Trenching Exploder "	1			13.00	1	13.00	1	13.00
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1295.00		3591.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 3-5-55 Operator Audy Pittman

Per Title

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

Oporator's Monthly Progress Report For
Month of Feb. 1955

Feb. 1 st Drilled All Day ,

" 2 nd Blasted and Mucked out Advanced 3 feet

" 3 rd Repaired DrillCleaned up Arouned Mine

" 4 th Drilled

" 5th Blasted and Mucked out Advanced 3 Feet

"

" 7 th Drilled and Blasted

" 8 th Mucked out Advanced 4 Feet

" 9th Straightened up Shaft

" 10 th Drilled and Mucked out Advanced 3 Feet

" 11 th Drilled and Blasted

" 14 th Mucked Out Advanced 4 Feet

"

" 15 th Drilled

" 16th Blasted and Mucked out Advanced 4 feet

This Finished the Shaft

" 17 th Drilling on heading

" 18 th Blasting Mucked Out Advanced 3 Feet

" 21 th Working on Roller in Shaft

" 22th Drilled And Blasted

" 23rd Mucked Advanced 4 Feet

" 24 th Drilling and Blasting

2 25 th Mucked out Advanced 3 Feet

Signed Andy Pilthran

Anderson

DEFENSE MINERALS PROJECT

INTERIM REPORT
on

DMEA-3458, Idm-E736 WISEMAN No.2 MINE (mica)

Operator: Audy Pittman, Spruce Pine, North Carolina

Location: On the hillside east of Beaver Creek about 1.8 miles N. 22° E. of Spruce Pine, Mitchell County, N. C.

Incline sinking has continued from the 36 foot vertical shaft on this contract and total shaft footage is now 65 feet. The incline has been driven to the southeast on an angle of -40°. The Operator was advised to discontinue driving the incline, establish a sump and turn off drifts on the 65-foot level.

Material encountered in recent work is primarily feldspathic pegmatite containing scattered mica associated with sparse quartz. Due to the consistency of the material the examiners are of the opinion that additional depth is unnecessary and advised the operation to discontinue incline work. The Operator was agreeable with this action, and stated that drift work would begin immediately.

Progress on this contract is satisfactory.

Inspected: Feb. 16, 1955.

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

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

Property of the United States Mineral Administration
RECEIVED
FEB 11 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

INTERIM REPORT

DMEA-3458, Idm-E 736, WISEMAN NO. 2 MINE
(mica)

Operator: Andy Pitman, Spruce Pine, North Carolina

Location: In the hillside east of Beaver Creek about 1.8 miles N. 22° E. of Spruce Pine, Mitchell County, North Carolina

Shaft sinking continues on this contract and now totals 52.5 feet, the lower 16.5 feet being inclined -45° in a S. 50° E. direction. Material encountered consists of mixed biotite gneiss and pegmatite. Sinking will continue until another visit can be made.

Progress on this contract is satisfactory.

Date of Examination: February 2, 1955.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
SOUTHEASTERN REGION
REGION VII
HAMILTON BANK BUILDING

OFFICE OF
REGIONAL DIRECTOR

POST OFFICE BOX 1909
KNOXVILLE, TENNESSEE

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
FEB - 4 1955

February 2, 1955

Memorandum

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

From: Helen Miller, Knoxville, Tennessee Field Office

Subject: Monthly Reports

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

Kin-E-736 Andy Pittman
DMEA Docket No. 3458
2nd payment - month of January
Amount $1176.00

Helen R. Miller

Attachments
/hhm
Copies to W. A. Beck
R. A. Lawrence
Region Files
Day Files

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

Budget Bureau No. 42-R1036.5

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-34

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1955 Docket No. DMEA 3458 Contract No. IDM 736

Operator's Name Au dy Pittman

Address Spru ce Pine, N.C. Minerals Mica

Contract Amount, $ 6316.00 Government Participation 75 % Amount, $ 4737.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Shafting	1539.00	450.00	1980.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Preparing Shaft Sight		5 0.00	50.00			
Constructing Road		150 .00	150.00			
Tool House		78.00	78.00			
(4) Operating Equipment:						
Rental						
Pow der Magasine	25.00	None	25.00			
Exploder Magasine	13.00	None	13.00			
(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	1568.00		2296.00	1568.00	728.00	2,296.00

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

Date 1-31-55 *Payee Audy Pittman

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 1176.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date 2-2-55 Vou. No. 121
(See other side)

392.00

(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. IMaE736 in accordance with the terms of the contract.

Signature W. A. Beck Title Supervising Mining Engr. USBM Date JAN 31 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date JAN 31 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BMF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 4 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Jan. 195 5 Docket No. DMEA 3458 Contract No. IDM 736
Operator's Name Aud y Pittman 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	Authorized by Contract: Unit Costs
Constructing Road			1	150.00	1	150.00	1	150.00
Drifting								
Crosscutting								
Shaft Sight			1	50.00	1	50.00	1	50.00
Raising								
Shafts	34	1530.00	34	1980.00	44	1980.00	75	45.00
Winzes								
Drilling: Core								
Churn								
Auger								
Tool House				78.00	1	78.00	1	78.00
Stripping								
Powder Magasine	1	25.00	1	25.00	1	25.00	1	25.00
Trenching								
Explode r Magasine	1	13.00	1	13.00	1	13.00	1	13.00
Roads and Trails								
Total Distributed Costs		1568.00		2296.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1568.00		2296.00				

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 1-31-55 Operator Audy Pittman

Per Title

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

Remarks:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

SUBJECT:

TO

ATTENTION OF MR.

Operators Monthly Progress Report for Month of January 1955

DEAR SIR:

Jan. 3rd Drilling & Blasting

" 4th Mucking Out Advancing 3 Feet

" 5th & 6th Timbering Top of Shaft to Make it Safe

" 7 Th Drilling & Blasting

" 1 1th Mucking out Advancing Shaft 4 Feet

" 12th Drilling, Blasting ,& Mucking Out Advancing Shaft 3 Feet

" 13th Drilling, Blasting, & MUcking out Advancing Shaft 4 Feet

" 14th Drilling, Blastind ,& Mucking out Advancing Shaft 3 Feet

" 17th Drilling & Blasting

" 18th Mucking out Advancing Shaft 5 Feet

" 20th Timbering in Old Works

" 21th Drilling, Blasting,& Mucking out Advancing 2 Feet

" 24 Drilling & Blasting

" 25th Mucking out Advancing 3 Feet

" 26th Drilling & Blasting

" 27th Mucking out Advancing 4 Feet

" 28th Drilling ,Blasting,&Mucking out Advancing 3 Feet.

Rudy Pittman

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 27 1955

INTERIM REPORT
(mica)
DMEA-3458, Idm-E736 WISEMAN NO.2 MINE

Operator: Audy Pitman, Spruce Pine, North Carolina

Location: In the hillside east of Beaver Creek about 1.8 miles N. 22° E. of Spruce Pine, Mitchell County, North Carolina

Shaft sinking continues on this contract and now totals 30 feet. The hanging wall of the pegmatite was intersected at a depth of 28 feet. Old works were cut by the north edge of the shaft at this point.

The Operator was advised to timber off these old works and to continue to sink vertically to the footwall of the body and then to incline the shaft southward on the pegmatite.

Progress on the contract is satisfactory.

Examined January 20, 1955.

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

Mica

INTERIM REPORT

DMEA-3458, Idm-E 736, WISEMAN NO. 2 MINE (mica)

Operator: Audy Pittman, Spruce Pine, N. C.

Location: On the hillside east of Beaver Creek about 1.8 miles N. 22° E. of Spruce Pine, Mitchell County, N. C.

Shaft sinking is underway on this contract and is now at 18 feet. The bottom contained about 10 feet of loose muck from timming and could not be examined. The shaft is being cribbed with split rounds and is 5' x 7' in cross section. A toolhouse has been constructed, magazines are in the process of construction, a hoisting frame composed of straight leg and boom pole is in place, a gasoline powered hoist and an air compressor have been moved to the mine site. Access road construction has been completed satisfactorily. Recent progress on this contract has been good.

January 6, 1955-Examined.

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

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

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-30

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December 195 4 Docket No. DMEA 3458 Contract No. 3 12736

Operator's Name Audy Pittman Minerals Mica

Address Spruce Pine, N.C.

Contract Amount, $ 6316.00 Government Participation: 75 % Amount, $ 4737.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting Shafting	450.00	None	450.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Preparing Shaft Sight Pipe	50.00	None	50.00			
Track						
Constructing Road	150.00	None	150.00			
Tool House	78.00	None	78.00			
(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	728.00		728.00	728.00	~	728.00

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

Date 1-1-54 *Payee Audy Pittman

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 546.00

Signature Helen R. Muller
(Authorized Certifying Officer)

Date 1-11-55 Vou. No. _____
(See other side)

1 at 12/86 182.00

(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. 1-10-E736 in accordance with the terms of the contract.

Signature W. M. Beck Title Supervising Mining Engr. USBM Date 1-7-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date JAN 7 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 13 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 195 4 Docket No. DMEA 3458 Contract No. Mica 736
Operator's Name Au dy Pittman Minerals
Address Spru ce Pine, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT
Con structing Road	1	150.00	1	150.00	1	150.00	1	150.00
Drifting								
Crosscutting Shaft Sight	1	50.00	1	50.00	1	50.00	1	50.00
Raising								
Shafts Ft.	10	450.00	10	450.00	10	450.00	10	450.00
Winzes								
Drilling: Core								
Churn Tool H ous e	1	78.00	1	78.00	1	78.00	1	78.00
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		728.00		728.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		728.00		728.00				

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 1-1-54 Operator Au die Pittman

Per Title

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

Operator's Monthly Progress Report for the
Month of December 1954

DMEA 3458
IDME 736

Work Accomplished

Dec. 16th Thru 18th Construction Road with Bulldozer.

Dec. 20th Building tool house

Dec.21st And 22th preparing shaft sight.

Dec. 27th Setting up air conpressors (C.P.) and getting ready to drill. Then drilling holes.

Dec 29th Blasting and Mucking out which advanced 5 feet.

Dec. 30th Drilling and Blasting.

Dec. 31st Mucking out shot whitch advanced 5 feet.

Audy Pittman

Audy Pittman

Mr Anderson

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1955

INTERIM REPORT

DMEA-3458, Idm-E736, WISEMAN NO.2 Mine (mica)

Operator: Audy Pittman, Spruce Pine, N. C.

Location: On the hillside east of Beaver Creek about 1.8 miles N. 22° E of Spruce Pine, Mitchell County, N. C.

The starting date on this contract is December 16, 1954. Road work is underway but bulldozing is not completed. The mine site was revisited and the contract discussed with the Operator. Shaft sinking will begin as soon as road construction and preparation for shaft site is completed.

Mr. Robert A. Laurence, Executive Officer, DMEA Region VII accompanied the Examiners on this visit to the mine.

December 16, 1954.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 250 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 26 1954

November 23, 1954

Memorandum

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

From: Executive Officer, DMEA- Region VII

Subject: Signed Contract - DMEA-3458, Audy Pitman, Spruce Pine, N. C.

Transmitted are three signed copies of the subject contract. The usual distribution of the other copies has been made.

Robert A. Laurence

ZM.

NOV 8 - 1954

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

Subject: Docket No. DMEA-3458 - Mica
Audy Pittman
Wiseman No. 2 Mine
Mitchell County, North Carolina

Dear Mr. Laurence:

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

If the contract meets with your approval present it to the Operator for approval and signature. Please explain to the Operator that the contract, when executed, is a firm commitment under the terms of which he is obligated to complete the work outlined at the agreed unit cost. If any part of this contract does not have either your approval or that of the Operator and cannot be amended within your delegated authority, then the original and all copies of the contract are to be returned to this office, together with the proposed changes for consideration.

After execution of the contract, the copies are to be distributed in the usual manner. Copies of memoranda from the Geological Survey, dated September 24, 1954, and from the Bureau of Mines, dated September 28, 1954, are enclosed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

E. L. Newcomb

Member, Geological Survey

WCAnderson:gad 11/5/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Enclosures 10

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

October 19, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: A denial of exploration assistance and summary report.

1. DMEA Docket No. 3458 - Mica
Projecty: Wiseman No. 2 Mine
Mitchell County, North Carolina

Applicant: Audy Pittman
Spruce Pine, North Carolina

Application: Form MF-103 received August 23, 1954.

Work recommended by Field Team:

Construct 300 feet of access road, prepare shaft site, construct toolhouse and powder and exploder magazines, sink 75 feet of shaft and drive 75 feet of drifts.

Estimated cost of project	$6,313.00
Government participation @ 75%	$4,734.75

No contract: Application denied.

2. Comments:

Geological premise: The geological setting and the nature of the pegmatite are not favorable for a discovery of sizable amounts of strategic mica, since it seems quite possible that the pegmatite emplaced on an overturned anticlinal fold may separate into two limbs and pinch out immediately below the old workings.

Geological criteria:
1. Anticlinal fold enclosing unzoned pegmatite at least 15 feet thick.
2. Green mica books up to 12 inches across, some of which are cracked.
3. Past production.

Future possibilities: Remote for the discovery of commercial amounts of strategic mica below the workings of an old mine.

Recommendation: The Field Team recommends a contract for exploration of this pegmatite. The Geological Survey and the Bureau of Mines concur. The Nonmetallic Minerals Division has no objection to exploration in this area, but disagrees with the Field Team's approach. In letter of September 27, 1954, it was suggested to either follow the North or South limb of the anticline or follow the plunging crest downward. The Field Team's plan of exploration would have the shaft in the country rock and this office believes that this plan would only serve to explore the downward rake of the eastern end of the pegmatite.

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

Mr. Audy Pittman

Spruce Pine, North Carolina

Re: Docket No. DMEA-3458 - Mica
Wiseman #2 Mine
Mitchell County, North Carolina

Dear Mr. Pittman:

Your application for aid for an exploration project and other reports available to us in Washington relating to the subject property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information indicates to us that the probability of disclosing significant reserves of mica by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

Administrator

Docket Copy
Surname:
Anderson

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

Mr. Audy Pittman

Spruce Pine, North Carolina

Re: Docket No. DMEA-3458 - Mica
Wiseman #2 Mine
Mitchell County, North Carolina

Dear Mr. Pittman:

Your application for aid for an exploration project and other reports available to us in Washington relating to the subject property have been reviewed.

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Careful study of all our information indicates to us that the probability of disclosing significant reserves of mica by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

Administrator

WCAnderson:gad 10/19/54
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region VII
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5223
Mr. Houk

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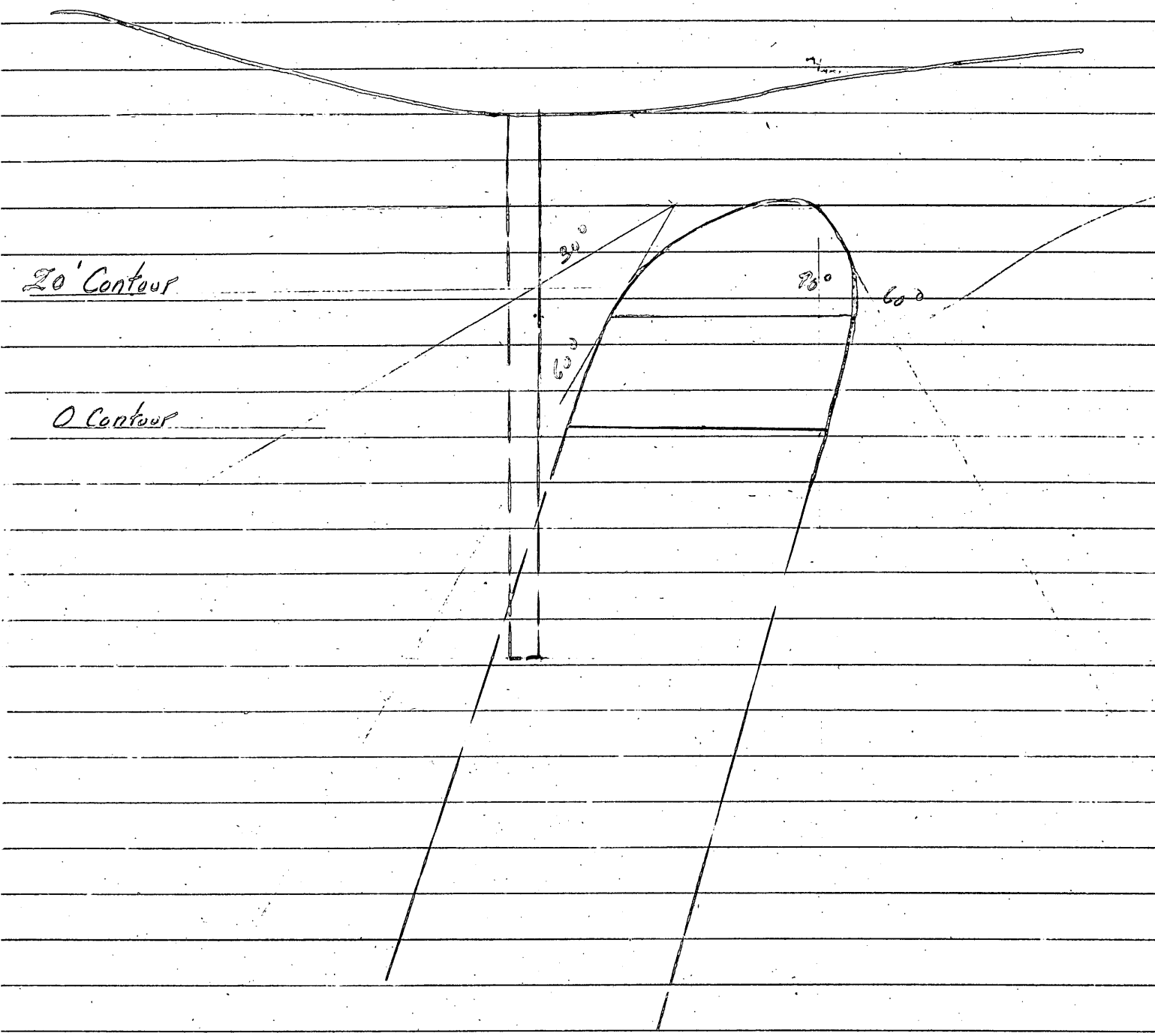
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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
OCT 4 1954

October 1, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: Docket No. DMEA-3458(mica) Audy Pittman, applicant
Wiseman No. 2 Mine, Mitchell County, N. C.

Reference is made to your letter dated September 27, 1954 on subject property.

In regard to exploring the deposit from a shaft located near the zero contour, certain possible factors should be considered. So far as we know the mica shoot does not extend west of the portal. Should there be any appreciable rake to the east of the "shoot", then a shaft sunk on the zero contour would miss the target. Furthermore, the plunge of the east end of the body is such as to suggest this possibility. We agree that the more economical approach would be to collar the shaft as far down the hill as possible. We do not believe, however, that location should be west of the 20-foot contour. Therefore, we recommend that the shaft be located about 20 feet east of the drift portal at about the 20-foot contour.

It is impractical to follow the plunging crest downward, as the old workings are unsafe, much muck would need to be removed and considerable timber would be required.

Wm. A. Beck, Acting
Executive Officer, DMEA
Region VII

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

KHT/zm
cc:
Beck
Lynch
Files

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 29 1954

September 28, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-3458 (mica)

Applicant: Andy Pittman

Name and Location of Property: Wiseman #2
Mitchell County, North Carolina

Date of Field Team Report: September 17, 1954

Date Rec'd. by Ceramic & Fertilizer Mtls. Br.: September 24, 1954

Field Team Recommendation:

1. Approval of a contract for an exploration project.

Comments:

1. The field examiners are of the opinion that an exploration project is justified.

2. Proposed exploration is consistent with good engineering practices and costs are in line with other DMEA projects in this area.

Recommendation:

I concur with the field team's recommendation in the approval of an exploration project in the amount of $6,313.

Signed

Donald R. Irving

IN REPLY REFER TO:

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

September 24, 1954

Re: DMEA-3458
Andy Pittman
(Wiseman #2 Mine)
Mitchell Co., N. C.
86,313 - Mica

Memorandum

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

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

Subject: Review of field report

The Field Team recommends a project involving 300 feet of access road, a 75 foot vertical shaft, and 75 feet of crosscutting and/or drifting.

The quality of the mica and the record of past production on this property are factors which indicate further exploration is warranted. The geologic setting and the nature of the pegmatite are favorable for a possible discovery of significant amounts of strategic mica.

I concur with the Field Team's conclusions, and recommend their modified project be approved.

E. L. Newcomb

ELNewcomb:hlm
G-9/24/54

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

September 17, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: Field Examination Report, DMEA-3458 (mica) Andy Pittman, Spruce Pine, N. C. Wiseman No.2 Mine. Mitchell County, N.C.

Enclosed are four copies of the subject report and six extra copies of the map. The property was examined without field referral.

Also enclosed are 6 copies of the Owner's Consent to Lien, sent in by the applicant. — to 600

We recommend approval of a contract for exploration of this pegmatite as outlined in the report. It is suggested that "drift and/or crosscut" be used in place of "drift," although it is intended that all level work will be in the pegmatite if possible.

Robert A. Laurence
Executive Officer, DMEA, Reg. VII

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

RAL/wm
cc:
Beck
Lynch
Files

Reviewed by
DMEA OPERATING COMMITTEE
9/24/54
(Date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM # REGION VII

on

DMEA-3458, WISEMAN No.2 MINE (mica)
Mitchell County, N. C.

By

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

and

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

Sept. 16, 1954

Reviewed by
DMEA OPERATING COMMITTEE
9/24/54
(285)

EXAMINATION REPORT BY FIELD TEAM
On
DMRA-1458, WISEMAN NO. 2, MINE (Mica)

Applicant: Andy Pittman, Spruce Pine, North Carolina

This mine was a substantial producer of mica during World War II. The pegmatite has been worked on the dip about 30 feet and along the strike for 87 feet. Possibilities appear to be good for the discovery of a worthwhile deposit of strategic mica. Exploration assistance is recommended.

The deposit was examined on September 8, 1954. Mr. Andy Pittman accompanied the examiners on the inspection which required two hours.

The Wiseman No. 2 mine is on the hillside east of Beaver Creek about 1.8 miles N. 22° E. of Spruce Pine, Mitchell County, North Carolina. Access is by the paved road up Beaver Creek and one-half mile of jeep or truck road up the hillside. About 300 feet of road work will be required to make the mine accessible.

The applicant is competent to conduct the proposed exploration. He holds the property under lease from the International Minerals and Chemical Corporation, Inc., area of which is adequate for the proposed project.

The Wiseman No. 2 mine is about 100 feet east of the east end of the W. W. Wiseman Mine. Work at the No. 2 mine consists of an adit about 90 feet long which, during the course of mining during World War II was converted into a stope that is now 87 feet long, 25 feet wide, and 15 feet high. Mr. Pittman reports there is about 15 feet of muck on the floor of the stope, thus the stope height was originally about 30 feet.

Pegmatite at this place is enclosed conformably by coarse unweathered mica schist. It appears to be emplaced in an overturned anticlinal fold which plunges near the heading about 45° due east. Along the limbs of the anticline, the south limb dips 30° - 60°, and the north limb 60 to 90°. The axis of the fold trends about N. 70° E. which seems to be the strike of the pegmatite. No information is available as to the total thickness of the pegmatite, although it must be at least 15 feet thick. It exhibits no apparent zoning; however, mica seems to be more abundant adjacent to the wall rock contact.

All of the feldspar, examined in the dump and in the stope is sodic plagioclase. In addition to the feldspar, the pegmatite is composed of dark gray quartz, muscovite, red garnet, and a little green apatite. All of the garnet observed occurs in the quartz. Mica books appear to be more abundant in that portion of the wall zone where quartz is concentrated.

Mr. Pittman discovered this mine during World Warr II. He reports that he sold approximately $44,000 worth of mica to the Colonial Mica Corp., and about $12,000 worth of mica to the Tarheel Mica Company during 1943-45. The microfilm records of Colonial's purchases from this mine show only 1153 pounds which were bought for $7,295.00.

The mica is light green in color, hard, flat, free splitting, and generally clear. Books up to 12 inches across are exposed in the top of the stope. The chief defect of the mica is that some of the books are cracked.

This mine appears to have a good potential for the production of considerable quantities of strategic mica. It is near the W. W. Wiseman Mine which prior to 1920 produced large quantities of mica and feldspar. However, mica from the No. 2 mine is of much better quality than that from the old mine. It seems to the field examiners that since the No. 2 mine has been worked only about 30 feet down dip and produced considerable mica, additional mica should occur at lower levels, probably on both the north and south walls.

The applicants proposal seems to be reasonable, although the amount of drifting is excessive. The examiners recommend that 300 feet of access road be built, shaft site prepared, toolhouse and magazines constructed, 75-foot vertical shaft sunk south of the stope to intersect the pegmatite below level of muck, and 75-feet of drifts on the pegmatite.

Estimated Cost:

Construct 300 feet of access road @ 50¢ per ft. (This will require some rock ledges to be removed, and 300 cu. yds. of soil).		$150.00
Prepare shaft site (will require leveling and removing approx. 150 cu. yds. of boulders and soil) @ 33 1/3 ¢ per yd.		50.00
Construct toolhouse		75.00
Powder Magazine		25.00
Exploreder Magazine		13.00
Sink 75 feet 5' x 7', 2-compartment shaft (50 shifts)		
Labor:		
1 - Miner @ $1.50/hr.	$600.00	
1 - Helper @ $1.25/hr.	500.00	
1 - Hoistman @ $1.25/hr.	500.00	
Equipment (rental):		
Compressor, drill, etc. @ $220/Mo.	550.00	
Hoist @ $50/Mo.	125.00	

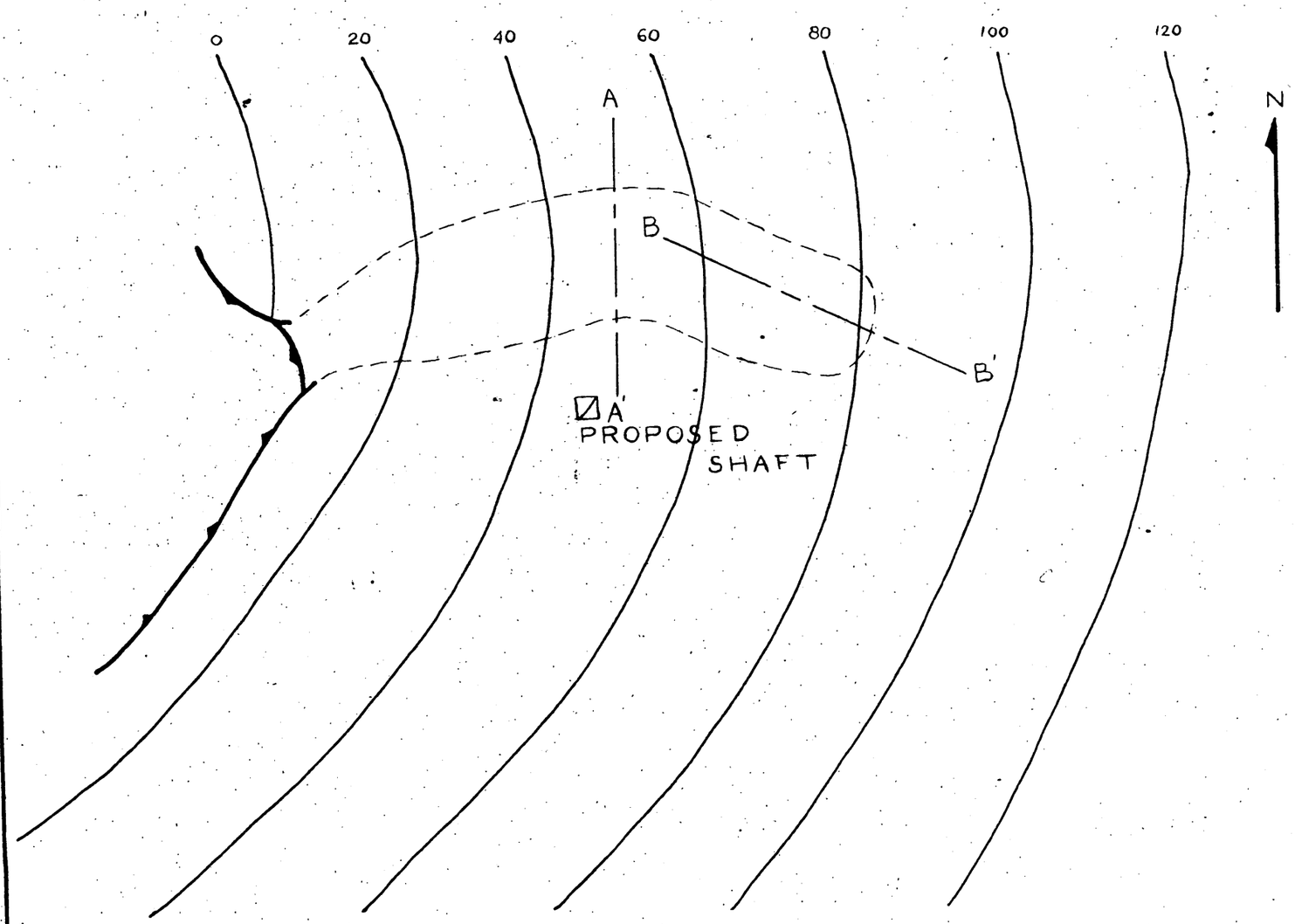
Supplies:		
Explosives	$250.00	
Gasoline and oil	150.00	
Drill steel (carbide bits)	150.00	
Pipe, airline, etc.	75.00	
Small tools, etc.	100.00	
Miscellaneous, timber	100.00	
Insurance, social security, etc.	275.00	$ 3,375.00
Drive 75 feet drift (30 shifts)		
Labor:		
1 - Miner @ $1.50/hr.	360.00	
1 - Helper @ $1.25/hr.	300.00	16.00
1 - Hoistman @ $1.25/hr.	300.00	
1 - Laborer @ $1/hr.	240.00	
Equipment (rental):		
Compressor, drill, jackleg @ $240/Mo.	360.00	5.80
Hoist @ $50/Mo.	75.00	
Supplies:		
Explosives	220.00	3.00
Gasoline and oil	125.00	
Drill steel	100.00	
Pipe, airline, etc.	50.00	
Small tools, etc.	50.00	
Miscellaneous	200.00	
Insurance, Social Security, etc.	245.00	$2,625.00
Estimated Total Cost		**$6,313.00**

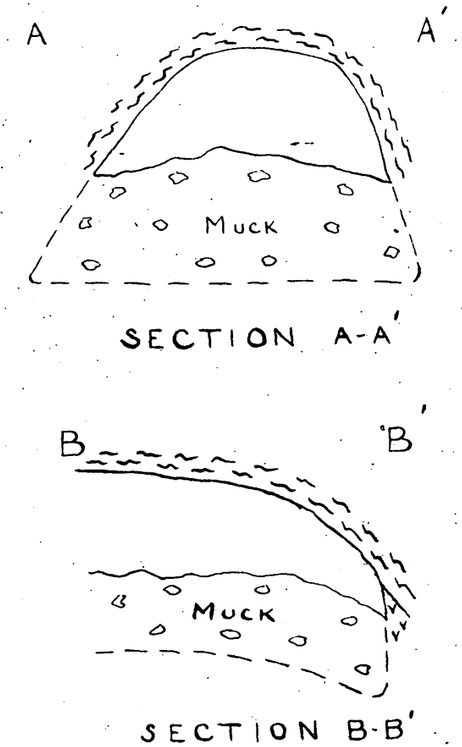
all supplies 9.93

September 16, 1954.

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

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





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SCALE

SKETCH OF
WISEMAN #2 MINE
MITCHELL CO., N.C.

DMEA - 3458 (mica)

SEP 27 1954

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

Subject: Docket No. DMEA-3458 - Mica
Andy Pittman
Wiseman No. 2 Mine
Mitchell County, North Carolina

Dear Mr. Laurence:

Reference is made to the field examination report on the subject property.

Would it be possible to explore the emplaced pegmatite on an overturned anticlinal fold more economically by locating the shaft near the zero contour and following either the North or South limb of the anticline. Another possible approach to exploration might be to follow the plunging crest downward.

Your reaction to these suggestions would be appreciated.

Sincerely yours,

George C. Selfridge,

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

LGHouk:gad 9/23/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5227
Mr. Houk

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

Subject: Docket No. DN A-3458 - Mica
Audy Pittman
Wiseman #2 Mine
Mitchell County, North Carolina

Dear Mr. Laurence:

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

Copies of memoranda from the Geological Survey, dated August 27, 1954, and from the Bureau of Mines, dated September 16, 1954, are enclosed for your information.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

Enclosures 4
LGHouk:gad 9/21/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5227
Mr. Houk

Mr. Andy Pittman

Spruce Pine, North Carolina

Re: Docket No. DMEA-3458 - Mica
Wiseman #2 Mine
Mitchell County, North Carolina

Dear Mr. Pittman:

Your application for exploration assistance on 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, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 2, Tennessee, for further consideration and possibly a field examination.

We are lacking the Owner's Consent to Lien which we must have to continue the processing of your application. We understand the Field Office has sent you the required number of forms for execution.

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,

Administrator

LGHouk:gad 9/21/54
Copy to: Admr. R. File
Docket
Field Team, Region VII
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5227
Mr. Houk

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

Defense Minerals Administration
RECEIVED
SEP 17 1954

September 16, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-3458 (mica)

Applicant: Audy Pittman

Name and Location of Property: Wiseman No. 2 Mine
Mitchell County, North Carolina

Date Application Rec'd. by Ceramic & Fertilizer Mtls. Br.: August 25, 1954

Comments:

1. Bureau of Mines records show that mica from subject mine was classed as non-ruby by Colonial Mica on October 26, 1944, and 11 pounds (4-Good Stained, 5-Stained, and 2-Heavy Stained) were sold to GSA on December 4, 1953 by W. A. Wiseman from "Wiseman" mine.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis.

Signed

Donald R. Irving

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

Received
SEP 17 1954

September 16, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-3458 (mica)

Applicant: Audy Pittman

Name and Location of Property: Wiseman No. 2 Mine
Mitchell County, North Carolina

Date Application Rec'd. by Ceramic & Fertilizer Mtls. Br.: August 25, 1954

Comments:

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Recommendation:

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Signed

Donald R. Irving

IN REPLY REFER TO:

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

August 27, 1954

Memorandum

REVIEW OF APPLICATION DMEA-3458 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: E. L. Newcomb, U. S. Geological Survey
Applicant's name and address: Andy Pittman, Spruce Pine, North Carolina
Name of property: Wiseman #2 Mine
Location of property: 3 mi. from Spruce Pine, North Carolina
Summary of applicant's proposal:
60 foot shaft below present tunnel.
120 feet of drifting from shaft bottom.
TOTAL COST - $7,150
Sources of information on applicant's property:
Our only information on a Wiseman mine is in an unpublished Survey report (1943) which describes the W. W. Wiseman mine. As we lack sufficient data to relate the applicant's property with this report we cannot appraise the merits of the proposed work.
Comments:
If the Wiseman #2 and W. W. Wiseman mines are the same properties, further exploration may be warranted.
RECOMMENDATION: I recommend the application be referred to the Field Team for consideration and an examination.

E. L. Newcomb

ELNewcomb:hlm
G-8/27/54

Copy to: 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.

August 27, 1954

Memorandum

REVIEW OF APPLICATION DMEA-3458 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: E. L. Newcomb, U. S. Geological Survey
Applicant's name and address: Andy Pittman, Spruce Pine, North Carolina
Name of property: Wiseman #2 Mine
Location of property: 3 mi. from Spruce Pine, North Carolina
Summary of applicant's proposal:
60 foot shaft below present tunnel.
120 feet of drifting from shaft bottom.
TOTAL COST - $7,150
Sources of information on applicant's property:
Our only information on a Wiseman mine is in an unpublished Survey report (1943) which describes the W. W. Wiseman mine. As we lack sufficient data to relate the applicant's property with this report we cannot appraise the merits of the proposed work.
Comments:
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E. L. Newcomb

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W. F. Dietrich, 3061

Bureau of Mines
Bureau Minerals Administration
RECEIVED
SEP 17 1954

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

September 16, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-3458 (mica)

Applicant: Audy Pittman

Name and Location of Property: Wiseman No. 2 Mine
Mitchell County, North Carolina

Date Application Rec'd. by Ceramic & Fertilizer Mtls. Br.: August 25, 1954

Comments:

1. Bureau of Mines records show that mica from subject mine was classed as non-ruby by Colonial Mica on October 26, 1944, and 11 pounds (4-Good Stained, 5-Stained, and 2-Heavy Stained) were sold to GSA on December 4, 1953 by W. A. Wiseman from "Wiseman" mine.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis.

Signed

Donald R. Irving

IN REPLY REFER TO:

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

August 27, 1954

Memorandum

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