[illegible] 3032
Rebuilt 130' @ 8
Hoist room 510
on pay — 55 wings 42 00 + 800 [illegible]
80 Dust bag 35

Engineers

Aug 10 - Started pay 22 - 90' rock & drainage

Sept 8 - Rebuilt [illegible]
4-5 feet encroaching main school
Progress [illegible]

Sept 23 wings at 5'

Oct 9 wings @ 9' - Hand iron glass fuse & caps - E.T. at [illegible] depo - (Nothing on face)

Oct 22 wings at 10' westbound school

Nov 3 wings @ 16' westbound pay 10
F.W. appears to gather [illegible] at 11'
working 2 shifts

Dec 1 at 28' - 10.5' water on bottom pay & [illegible]

Dec 18 at 32' - not working 5' water

Feb 23 - at 34' - 2' water in permeable - waiter delay.

Tunnel Amendment to Sept 8 1954

March 22 at 40' + muck.
at country rock. Dep change — Pathline & bed [illegible] way to within 10' of footer

Apr 5 at 45' in permeable [illegible] 32'

May 17 - Tunnel off at 50'

May 31 - shaft completed
tunnelling not completed but paid on voucher delay.

Jun 14 - 10.5 x cut
permeable 4' block
E-W dip 80 to N confirmable.

Operations

July Aug Nacotee - Finished A from Aug 28
130' @ 8 00
hoist room $510 - 1550

Sept. Sinking average - well finished from pay - waiting for [illegible] at Tunnel & sink 10'
10' @ $42 - $500 $2050
10' @ $8

Oct 6' @ $42 - $300 $235 00
6' @ $8

Nov gas boost underground ?
10 @ 42 - $500 2850
10 @ 8

Dec. Gas boost outside [illegible].
10 @ 42 - $500 $325 00
10 @ 8

Feb waiter delay.
6 feet @ 42 - $300 365 00
6 ft @ 8

March
repairs slowed progress & unfavorable weather
4 @ 42 - 200 38 50
4 @ 8

Apr. Progress from stopped delay x cut
5 @ 42 - $250 $4240
5 @ 8
4 @ 35 - 140 $10 -
Error on MF104

May 4' wings @ 42 - $200 $4580
4' timber @ 8 - 140
4' @ 35 -
error corrected
? tunnel wings

IN REPLY REFER TO:

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

September 13, 1954

Re: DMEA-3030
Turkey Knob (Passmore)
Mine
Macon Co., N. C.
$7,100 - Mica

Memorandum

To: L. G. Houk
Defense Minerals Exploration Administration

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

Subject: Review of Final Field Report

The Field Team recommends no certificate of discovery be issued.

No mica was discovered and further DMEA exploration assistance is not warranted.

Negative results from exploration indicate certification not required.

E. L. Newcomb

ELNewcomb:hlm
G-9/13/54

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.

September 13, 1954

Re: DMEA-3030
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DMEA (3)
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W. F. Dietrich, 3061

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

September 17, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-3030 (mica)

Applicant: H. C. Cable

Name and Location of Property: Turkey Knob (Passmore)
Macon County, North Carolina

Contract Number: Idm-E565

Date of Field Team Final Report: September 3, 1954

Date Rec'd. by Ceramic & Fertilizer Mtls. Br.: September 14, 1954

Field Team Recommendation: Denial of certification.

Comments:

1. Exploration, which began on July 22, 1953 and was completed on August 9, 1954, consisted of sinking a 55-foot winze and drifting 40 feet from the 50-foot level and 33 feet from the 29-foot level.

2. Expenditures

Total approved	$7,100
Total cost	6,775
Gov't. share	6,097
Value	none

Recommendation:

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

Signed

Donald R. Irving

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

September 17, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-3030 (mica)

Applicant: H. C. Cable

Name and Location of Property: Turkey Knob (Passmore)
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2. Expenditures - Total approved $7,100
Total cost 6,775
Gov't. share 6,097
Value none

Recommendation:

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

Signed

Donald R. Irving

[X] Audited

[ ] Certified

Name Hardy Calvin Cable

State North Carolina

WORK ANALYSIS SHEET - DMEA PROJECT

Analysis as of 12-9-1954
Incl. Voucher for ~~August 1954~~

Commodity Mica

[ ] Actual Cost

[X] Agreed Unit Costs

Docket No. 3030

Idm-E No. 565

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	80 ft	$ 2800 00	73 ft	$ 2555 00	$ 2555 00
Raising					
Shafts					
Winzes	55 ft	$ 2760 00	55 ft	$ 2670 00	$ 2670 00
Drilling (Specify)					
Surface Excavation					
Underground Excavation		$ 510 00		$ 510 00	$ 510 00
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation		$ 1040 00		$ 1040 00	$ 1040 00
New Building, Improvements, etc.					
Other (Specify)					
Totals		$ 6775 00		$ 6775 00	$ 6775 00

Prepared by Keating

71626

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Hardy Calvin Cable

Hazelwood, North Carolina

pertaining to Exploration Project Contract No. Idm-E565, Docket No. DMEA-3030, including Amendments Nos. 1 and 2, for the months of July 1953 to August 1954, inclusive, covering a project for the exploration of mica on property, known as the Turkey Knob (Passmore) Mine, located in Macon 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 reports of Field Team representatives, 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		$6,815.00
Exceptions:		
By DMEA Finance Officer	$ 40.00	
Herewith	-0-	40.00
Total Accepted Cost		$6,775.00

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

$6,097.50

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

September 23, 1954

Division Copy

EXPLORATION PROJECT CONTRACT

Docket No. 3030 (mica)

AMENDMENT NO. 3

Contract Idm-E 565, Docket No. DMEA-3030, dated July 9, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Hardy Calvin Cable, hereinafter call the "Operator", is hereby further amended:

1. In Exhibit "A", Description of the Work, Item 5, -

Delete the words "The 50-foot point in..." This item as changed by Amendment No. 2 and 3, will be, "Drift and/or crosscut not more than 80 feet from the winze, 5 feet by 7 feet in cross-section and timbered where necessary."

August 10, 1954.

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'.

HARDY CALVIN CABLE

Hardy Calvin Cable

THE UNITED STATES OF AMERICA

By: Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

2

EXECUTIVE OFFICER
DMEA REGION VII

Divis

EXPLORATION PROJECT CONTRACT
HARDY CALVIN CABLE
DMEA-3030, Idm-E 565 (mica)

AMENDMENT NO. 2

It is agreed this 20th day of April 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Hardy Calvin Cable, Haselwood, North Carolina, each acting in consideration of the other to the terms hereinafter set forth, that Exploration Project Contract Idm-E 565, Docket No. DMEA-3030, dated July 9, 1953 be modified and further amended as of the date of the contract as follows:

In Exhibit "A"

(a) Under "Description of the Work" delete the words "on the pegmatite" in item 3 and add the words "and/or crosscut" after the word "Drift" in item 5.

(b) Under "Agreed Unit Cost" add the words "and/or crosscutting after "Drifting" in item 5.

This amendment is necessary because between 30 and 40 feet in the winze the pegmatite changed dip slightly and went out on the north side.

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'".

THE UNITED STATES OF AMERICA

By: W. M. Beck
ACTING EXECUTIVE OFFICER
DMEA REGION VII

By: Hardy Calvin Cable
Hardy Calvin Cable, Operator

April 20, 1954

ACTING EXECUTIVE OFFICER
DMEA REGION VII

Division Copy

EXPLORATION PROJECT CONTRACT

DMEA-3030, Idm-E 565
(mica)

AMENDMENT No. 1

Contract Docket No. DMEA-3030, Idm-E 565, dated July 9th, 1953 between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the Government, and Hardy Calvin Cable, Hazelwood, N. C., hereinafter called "Operator," is hereby amended as follows:

1. Article 3 is amended to read,"..... and shall bring the project to completion within a period of fourteen (14) months from date of contract," instead of eight months as written in the original contract.

9-9-54

March 4, 1954.

THE UNITED STATES OF AMERICA

By Robert A. Lawrence

BY: Hardy Calvin Cable
Hardy Calvin Cable, Operator

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

mm

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 3030

COMMODITY Mica

Division copy
IDM-E 565

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

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 9th day of July, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Hardy Calvin Cable
Hazelwood, North Carolina

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

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

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of North Carolina, County of Macon, described as set forth in Annex I

the Operator represents and undertakes:[4]

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:
(1) Deed of Trust dated Aug. 9, 1952, recorded in Book No. 46, page 17, Public Registry of Macon County, N. C., and
(2) Ownership of one-half the mineral rights by Jerdy Passmore; for the former, a Subordination Agreement, and for the latter an Owner's Consent to Lien is attached.

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

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

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

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 90 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $6,390.00, which is 90 percent of $7,100.00 the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 9. *Changes and added provisions* _____

_____

_____

_____

_____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

HARDY CALVIN CABLE
(Operator)

By Hardy Calvin Cable

By C Mitchell
Administrator, Defense Minerals Exploration Administration

as to form
Rutson
Hud
Chamber

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.

Hardy Calvin Cable [CORPORATE SEAL]

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

EXPLORATION PROJECT CONTRACT
HARDY CALVIN CABLE
DOCKET NO. DMEA-3030

ANNEX I

The land referred to in Article 2 of the contract form is part of a tract of land in Macon County, North Carolina, set forth in a deed to the Operator recorded in the Records of Macon County, North Carolina, Book N-4, page 355. The land is more particularly described as follows:

> Beginning on a double chestnut S.W. corner of the Holbrooks tract, then south 62 E 10 poles to a chestnut Dills corner. Then north 51 E 90 poles to a white oak stump corner of Holbrooks and Dills land. Then north 15 poles to a hickory in County line. Then a west course passing a black walnut and an apple tree to a stake and black oak. Then south 50 E 60 poles to beginning.

EXPLORATION PROJECT CONTRACT
HARDY CALVIN CABLE
DOCKET NO. DMRA-3030

ANNEX II

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

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

EXPLORATION PROJECT CONTRACT
HARDY CALVIN CABLE
DOCKET NO. DMEA-3030

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica is to be accomplished by the work indicated on the attached map entitled "Sketch of Turkey Nob (Passmore) Mine, Macon Co., N.C., DMEA-3030," and described below.

1. Rehabilitate existing 130-foot adit by making the cross section 5 feet by 7 feet, making the grade uniform and timbering where necessary.

2. Excavate and timber hoist station 10 feet by 10 feet by 8 feet high and construct headframe for winze.

3. Sink not more than 55 feet of 2-compartment winze, 5 feet by 7 feet in cross section on the pegmatite. The winze shall be equipped with approved ladders and, if steeper than 50 degrees shall have a partition between compartments.

4. Timber winze where necessary.

5. Drift not more than 80 feet from the 50-foot point in the winze, 5 feet by 7 feet in cross section and timbered where necessary.

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

Agreed Unit Costs

1.	Rehabilitating adit - 130 feet @ $8.00/ft.	$1,040.00
2.	Excavating hoist station and constructing winze 1/ headframe	510.00

1/The unit is the completed station and headframe.

3.	Sinking winze 55 feet @ $42.00/ft.	$2,310.00	
4.	Timbering winze 55 feet @ $8.00/ft.	440.00	
5.	Drifting 80 feet @ $35.00/ft.	2,800.00	
	Total Agreed Unit Costs		$7,100.00
	Government participation @ 90%		$6,390.00

MF-203

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 _____, County of _____, described as follows: 1/ _____

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/ _____

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

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 which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ _____, or ten years have elapsed from the date of the contract.

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.

Dated this 25 day of May, 195 5.

Rudy Wissmore [Seal]

_____ [Seal]

_____ [Seal]

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

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

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

4/ Insert the maximum amount of the Government's contribution.

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

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

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

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

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

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

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

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-201
(June 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the holder of a mortgage, claim, lien, or encumbrance identified and described as follows*:

Deed of Trust dated 9 August, 1952, Recorded In Book No. 46, page 17, public Registry of Macon County, N. C.

upon that certain parcel of ground not to exceed three (3) acres described in a certain Exploration Project Contract dated April 7th, 195 3, between Hardy Calvin Cable,

and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all of his right, title, and interest in said mortgage, claim, lien, or encumbrance to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights under the provisions of said mortgage, claim, lien, or encumbrance; and

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

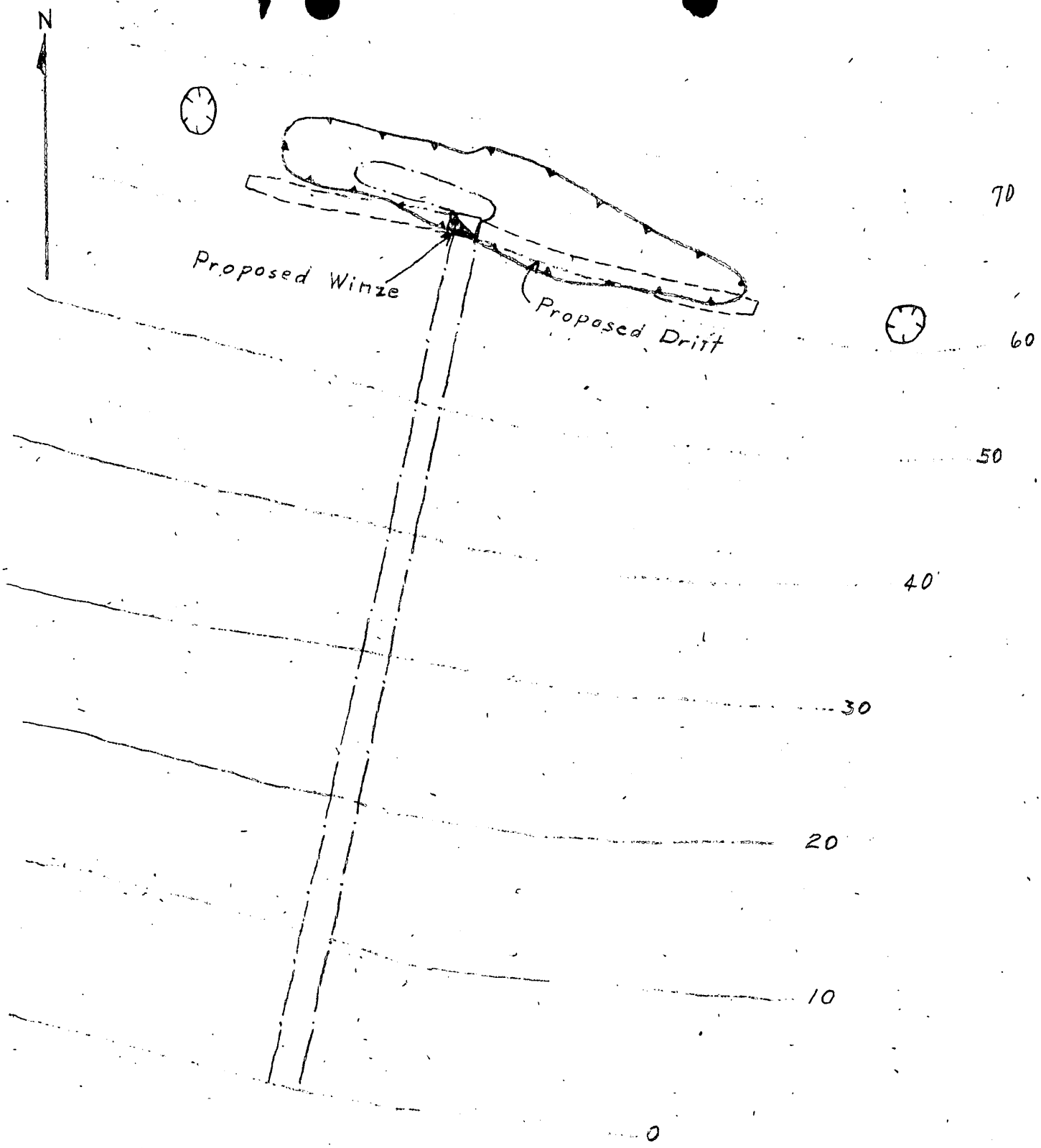
This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 5th day of May, 195 3

Alex Moore
Ada Moore

*Include date of the instrument, and if recorded, book, page, and county of record.

U. S. GOVERNMENT PRINTING OFFICE 16—64581-2



Sketch of
Turkey Knob (Passmore) Mine
Macon Co., N.C.

0 20' 40
Scale

DMEA-3030 (mica)

DMA-2030
Misc
Region VII

[illegible] NORTH CAROLINA. Turkey Nob (Uranium), Mitchell County, North Carolina. 7-8-53
Letter to the Field forwarding a contract, signed by the Administrator, for execution, subject to completing Article 3 of the contract. Also forwarded to the Field were copies of memoranda from the Bureau of Mines and the Geological Survey. Approval for [illegible] No. 239

[illegible] Roanoke Mine [illegible] 5-20-53
[illegible] contracts and reports, [illegible] No. 218

[illegible] Roanoke Mine 6-8-53
[illegible] No. 226

Project Summary Report

By: Walter C. Anderson November 10, 1954

1. Docket No. DMEA-3030 - Mica
   Contract No. Idm-E565
   Turkey Knob (Passmore) Mine
   Macon County, North Carolina

   Operator: Hardy Calvin Cable
   Hazelwood, North Carolina

   Application: Form MF-103, received May 11, 1953.
   Work proposed: Shaft and drifts - footage not specified.
   Amount requested: Shaft $50/ft. - drifts $45/ft.

   Operator's property rights: One-half ownership of mineral rights. Jerdy Passmore, owner one-half mineral rights.
   For Hardy Calvin Cable - Subordination Agreement.
   For Jerdy Passmore - Owner's Consent to Lien.

2. Contract - dated July 9, 1953 (Form MF-200 (A) February 1952)

   Work authorized:

Rehabilitating adit - 130 feet @ $8.00/ft.	$1,040.00
Excavating hoist station	510.00
Sinking winze - 55 feet @ $42.00/ft.	2,310.00
Timbering winze 55 feet @ $8.00/ft.	440.00
Drifting 80 feet @ $35.00/ft.	2,800.00
Total agreed unit costs	$7,100.00
Government participation @ 90%	$6,390.00

   Amendments:

   No. 1 - 3/4/54 - extends completion date from 8 months to 14 months.
   No. 2 - 4/20/54 - deletes words "on the pegmatite" and adds the words "and/or crosscut".
   No. 3 - 8/10/54 - substitutes "drifting from the winze" for "drifting from the 80-foot point in winze".

Work completed:

Rehabilitating adit - 130 feet @ $8.00/ft.	$1,040.00
Excavating hoist station	510.00
Sinking winze - 55 feet @ $42.00/ft.	2,310.00
Timbering winze - 45 feet @ $8.00/ft.	360.00
Drifting 73 feet @ $35.00/ft.	2,555.00
Total accepted cost	$6,775.00
Government participation @ 90%	$6,097.50

Work began on July 22, 1953, and completed on August 9, 1954. There was no production of mica.

Field Team Final Report received September 7, 1954.

Operator's Final Report received September 17, 1954.

3. Audit - certificate issued September 23, 1954.

Accepted cost	$6,775.00
Government participation	6,097.50

4. Certification of discovery - none issued.

5. Comments:

How conducted - Operator required considerable prompting to follow safe mining practice. Did not follow suggestions closely, nor give undivided attention to completion of the project.

Operation - slow and inefficient.

Engineering - Operator's reports, including the final report, were inadequate. Did not give details as to labor, supplies, character of rock formation encountered, etc. In shaft sinking did not follow the pegmatite when it veared away about half way down. Spent considerable drifting in searching for pegmatite when it was probable that it had bottomed higher up. Too much work in country rock.

Geological premise: The premise that a pegmatite containing minable quantities of strategic mica would be found in depth did not materialize.

Geological criteria upon which work was based:

1. Zoned pegmatite - pinching and swelling abruptly from three inches to five feet.
2. Mica of good quality.
3. Past production.

Criteria developed during project - none.

Future possibilities - enough exploratory work was done to indicate no mica exists in this property below the old workings.

Recommendations:

The Nonmetallic Minerals Division concurs in field team's recommendation that a certification of discovery or development should not be issued. The Geological Survey and the Bureau of Mines are in agreement.

Because the performance by the Operator in carrying out the terms of the contract was below expected minimum standards, no closing letter is written.

WCAnderson:gad 11/10/54
Copy to: Admr. R. File
Mr. Houk

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

RECEIVED
SEP 22 1954

September 20, 1954

Memorandum

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

From: Administrative Officer, Region VII, Knoxville, Tennessee

Subject: Monthly reports and vouchers

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

Idn-T-565 Hardy Galvin Cable
DMEA Docket No. 3050
12th and final payment - month of August
Completion date: August 3, 1954
Amount $46.50

Idn-T-652 Willis & Snyder Mining Company
DMEA Docket No. 3229
7th and final payment - months of August and September
Completion date: 9/10/54
Amount $603.75

Idn-T-664 Johnson Mining Company
DMEA Docket No. 3247
5th payment - month of August
Amount $840.00

Helen R. Miller

Attachments 6

/hlm
Copies to J. A. Beck
R. A. Laurence
Region Files
Day Files

Form MT-104 (Rev.)
(Jan. 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Minerals Administration
RECEIVED
SEP 22 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1954 Docket No. DMEA 3030 Contract No. IDMES 65
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazelwood, N.C.
Contract Amount, $ 7,100.00 Government Participation 90 % Amount, $ 6,390.00

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:						
Rehabilitating Adit		1040.00	1040.00		1040.00	1,040.00
Excavating Adit Sta.		510.00	510.00		510.00	510.00
Sinking Winze		2310.00	2310.00		2310.00	2310.00
Crosscutting "		400.00	400.00		360.00	360.00
Drifting	385.00	2170.00	2555.00	385.00	2170.00	2,555.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	385.00	6430.00	6815.00	385.00	6,390.00	6,775.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-17

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Sept. 1, 1954 Payee Hardy Calvin Cable
Per Lula Cable Title Operator

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

$ 346.50

Signature Cora A. Pierce
(Authorized Certifying Officer)

Date SEP 20 1954 Vou. No. 60
(See other side)

*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)

128 Gen'l
C 8/9
38.50

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tdm-E565 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date Sept. 13, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title EXECUTIVE OFFICER DMEA REGION VII Date SEP 15 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 22 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1954 Docket No. DMEA 2030 Contract No. DME 5 65
Operator's Name Hardy Calvin Cable Minerals mica
Address Hazelwood, 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.	385.00	11	2555.00	73	35.00	73	35.00
Crosscutting				1040.00	130	8.00	130	8.00
Raising				510.00	1	510.00	1	510.00
Shafts				2310.00	55	42.00	55	42.00
Winzes				400.00	50	8.00	50	8.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		385.00		6815.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

Rehabilitating Adit
Excavating Raise
Sinking Shaft
Driving Winze

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

Date Sept. 1, 1954 Operator Hardy Calvin Cable
Per Lula Cable Title Operator

Remarks:

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

(Instructions on reverse)

(For Government use only)

For timbering, the "costs to date" and "units to date" should be $360.00 and ~~50~~ 45. "Total distributed costs" in costs to date column should be $6775.00

W. A. Beck

INSTRUCTIONS

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

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

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

GPO 83-38475

Work progressed fine for August. We drilled and crosscut at 29 ft. level. We made 11 ft. and the project was declared complete.

Aug. 2. Drilled
" 3. Drilled, shot, mucked 4 ft.
" 4 Drilled
" 5-6 Drilled, shot, mucked 7 ft.

Aug. 9. Mr. Teague made his routine visit and declared the project completed.

SEP 22 1954

September 15, 1954

Mr. Hardy Calvin Cable

Hazelwood, North Carolina

Re: DMA-3030, Idm-E 565 (mica)
Pleasure Mine

Dear Mr. Cable:

Your August (final) monthly report and voucher together with your final summary of work done on the project has been received in this office. The voucher is being sent to the finance office today for payment.

In making out your form MF-104 and 104A's, you did take into account the corrections on timbering that we asked you to make in our letter of August 9. On form MF-104 , for timbering wages in columns "Totals Previously Reported" and "Totals to date" the amount should be $360.00 instead of $400 and the totals in these columns should be $6390.00 and $6815.00. On form MF-104A for timbering the costs to date and "Units to date" should have been $360 and 45 instead of $400 and 50 units, and the "Total distributed cost" in the "Costs to date" column should be 677 instead of $6815.00

Please make the above corrections on your copies of the forms.

Very truly yours,

Wm. A. Beck,

WAB/ms
Finance Office-3
Beck
Lynch
Files

September 15, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region VII

Subject: Operators Final Report, DMEA-3030, Idm-E 565 (micn)
Hardy Calvin Cable, Passmore Mine, Macon County, N. C.

Transmitted are four copies of the subject report. The Field Teams final report was sent to your office September 3, 1954.

Robert A. Lawrence

XM
cc:
Beck
Lynch
Files

General Manner of Work done on passmore Mine DMEA 3030
IDME 565

Mining Administration
SEP 18 1954

Work was started on this project July 22, 1954 and was completed August 9, 1954.

Operation Final report

This work was in four units.

Unit 1. Rehabilitating Adit 130 ft.

We drifted in southern and northern directions 130 ft. With a 5x7.

Unit 2. Excavated hoist station, 10'x10'x8' high. Constructed a head frame.

Unit 3. Sinking Winze and timbering when necessary.

We went straight down for 55 ft. 5'x7'. At the 50' level we floored the Winze leaving 5 ft. for water hole. Then we started building manway to the hoist room. The manway was built with a rest station every 10 ft. At the 50 ft. level we started drifting.

Unit 4. Drifting

At the 50 ft. level we drifted 33 ft. north. Then running east and west we cross cut 7 ft. We had not found any sign of mica at this point and were instructed to come up to 29 ft. level and drift and cross cut. We drifted north 15 ft. We cross cut east to West 18 ft. At this point we had not found mica so with only 73 ft. drifting the project was declared complete.

IN REPLY REFER TO:

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

September 13, 1954

Re: DMEA-3030
Turkey Knob (Passmore)
Mine
Macon Co., N. C.
$7,100 - Mica

Memorandum

To: L. G. Houk
Defense Minerals Exploration Administration

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

Subject: Review of Final Field Report

The Field Team recommends no certificate of discovery be issued.

No mica was discovered and further DMEA exploration assistance is not warranted.

Negative results from exploration indicate certification not required.

E. L. Newcomb

ELNewcomb:hlm
G-9/13/54

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

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

September 17, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-3030 (mica)

Applicant: H. C. Cable

Name and Location of Property: Turkey Knob (Passmore)
Macon County, North Carolina

Contract Number: Idm-E565

Date of Field Team Final Report: September 3, 1954

Date Rec'd. by Ceramic & Fertilizer Mtls. Br.: September 14, 1954

Field Team Recommendation: Denial of certification.

Comments:

1. Exploration, which began on July 22, 1953 and was completed on August 9, 1954, consisted of sinking a 55-foot winze and drifting 40 feet from the 50-foot level and 33 feet from the 29-foot level.

2. Expenditures - Total approved $7,100
Total cost 6,775
Gov't. share 6,097
Value none

Recommendation:

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

Signed

Donald R. Irving

600

SEP 1 0 1954

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

Subject: Docket No. DMEA-3030 - Mica
Hardy Calvin Cable
Turkey Knob (Ransmore) Mine
Macon County, North Carolina
Contract No. Idm-1565

Dear Mr. Laurence:

Reference is made to Field Team Interim Report of August 9, 1954, and your memorandum of August 19, 1954, recommending the subject contract be considered completed as only seven feet of drifting remains. We note the pegmatite has pinched out at both ends of the drift.

Please be advised that the contract may be considered completed because substantially all the work has been finished.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

WCAnderson:gad 9/7/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5227
Mr. Houk

September 9, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 3 - Docket No. DMEA-3030 - Mica
Hardy Calvin Cable
Turkey Knob (Passmore) Mine
Macon County, North Carolina
Contract No. Idm-E565

The Nonmetallic Minerals Division concurs in Amendment No. 3 to the subject contract as written and executed in the field, noting that the justification for the crosscutting on the 29-foot level was considered inadequate.

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

September 3, 1954

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Final Report, DMEA-3030, Idm-E 565 (mica) Hardy Calvin Cable. Turkey Knob (Passmore) Mine, Macon County, N. C.

Enclosed are four copies of the subject final report by the Field Team. The Operator's final voucher and final engineering and geologic report have not been received yet, but the figures given inthis report include amounts which will be approved on the final voucher.

We agree with the recommendation that certification of discovery should not be issued for this contract.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

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

RAL/sm

Reviewed by
DMEA OPERATING COMMITTEE
9-13-54
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
BY
FIELD TEAM, REGION VII

On

DMEA-3030, TURKEY KNOB (PASSMORE)MINE
Macon County, North Carolina

(mica)

By

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

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

Sept. 1, 1954

Reviewed by
DMEA OPERATING COMMITTEE
9-13-54
(date)

FINAL REPORT
On
DMEA-3030, Idm-E 565, (mica)
TURKEY KNOB (Passmore) MINE

Operator: Hardy Calvin Cable, Hazelwood, North Carolina

The Turkey Knob (Passamore) mine is 7.7 airline miles N. 66° E. of Franklin, Macon County, North Carolina just south of the Macon-Jackson County line.

Work completed under the contract consisted of rehabilitation of an existing 130-foot adit; excavation of a hoist station; sinking a 55-foot vertical winze, 45 feet of which was timbered; and driving 73 feet of laterals from this winze. As no mica was discovered, no certification of discovery should be issued, nor is additional exploratory work warranted.

Work began on July 22, 1953 and was completed August 9, 1954. An existing 130-foot adit was enlarged to 5' x 7' in cross-section and timbered where necessary. At the head of this adit a hoist station 10' x 10' x 8' high was excavated and a 55-foot vertical winze sunk. The latter had a partitioned manway, was 5' x 7' in cross section and was timbered to a depth of 45 feet. From the 50-foot level of this winze a total of 40 feet of laterals were driven; a 33-foot crosscut northward from the shaft and a 7-foot drift in a N. 70° W. direction from a point in the crosscut 6 feet from the shaft. A total of 33 feet of level work was driven from the 29-foot level of the winze; a 15-foot crosscut northward from the shaft and 18 feet of drifts from a point in the crosscut 3 feet from the shaft, 9 feet in a N. 70° W. direction and 9 feet in a S. 70° E. direction.

A conformable pegmatite which is thin and in part poorly defined is exposed in the laterals. At the 50-foot level a zone of mixed pegmatite and country rock, biotite-garnet gneiss, about 4 feet thick is present. Northwestward from the crosscut this zone becomes a stringer about 6 inches thick which terminates abruptly, the total strike length of the zone and stringer being about 10 feet. A 6-inch pegmatite which strikes N. 70° W. and dips steeply northeast is exposed in the laterals at the 29-foot level. Its strike length at this level is about 20 feet, terminating near the head of the drifts. The pegmatite is unzoned and consists of perthite, quartz, and plagioclase, in order of abundance.

Expenditures:	(a) Total approved	7,100.00
	(b) Total cost of project	6,775.00
	(c) Government's share of cost	6,097.50
	(d) Government's share unexpended	292.50
	(e) Value of production	None

Work during the project was conducted in a satisfactory manner. No equipment was purchased under the contract.

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

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

August 30, 1954

Memorandum

To: Operating Committee, DMLA - Washington

From: Executive Officer, DMLA - Region VII

Subject: Amendment No. 3, on Idm-E 565, DMLA-3030, Hardy C. Cable (mica)

Transmitted are three signed copies of the subject Amendment.

This amendment was needed because crosscutting at the 50-foot level indicated that the pegmatite had bottomed above that level; it was thought worthwhile, and in the Government's interest to explore for it at a higher level.

Robert A. Laurence

RAL/sm

cc:
Beck
Lynch
Finance Office
Files

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

August 19, 1954

Memorandum

To: Operating Committee, DMEA - Washington

From: Field Team, DMEA - Region VII

Subject: DMEA-3030, Idm-E 565 (mica) Hardy C. Cable, Hazelwood, N. C.
Turkey Knob (Passmore) Mine, Macon County, N. C.

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

We are considering it completed, although only 73 of the 80 feet of level work was done, and therefore, we do not request permission to terminate. Certification will not be recommended.

Hindsight being better than foresight, it would now appear that some of the crosscutting was futile, as suggested in your letter of August 6. However, in the judgment of the field examiners - before the crosscutting was done--it looked like a good possibility that the pegmatite or related pegmatites might lie beyond the pegmatized zone cut in the crosscut. We are inclined to encourage such initiative on the part of the geologists who, after all, are on the site and should be best able to predict conditions. The alternative would be to close down the project with a feeling that it had not been adequately tested, or to advise the Operator to sit tight (meanwhile paying rent on equipment, and laying off his crew) until they could get an answer from Knoxville and Washington. As Amendment No. 2 provided for crosscutting to intersect the pegmatite and as there was uncertainty that the main pegmatite had been reached, we agreed that it was a reasonable gamble.

Robert A. Lawrence
EXECUTIVE OFFICER
DMEA REGION VII

RAL/zm
cc:
Beck
Lynch
Files

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

INTERIM REPORT

ON

DMEA-3030, Idm-E565, TURKEY KNOB (PASSMORE) MINE
(mica)

Operator: Hardy Calvin Cable, Hazelwood, N. C.

Location: 7.7 miles N. 66° E. of Franklin, Macon County, N. C., and just south of the Macon-Jackson County line.

Lateral work completed on this contract now totals 73 feet. All work done since the last interim report has been confined to the 29-foot level.

The crosscut to the north was advanced to a total of 15 feet from the shaft. Drifts were driven along narrow (6 inch) pegmatite in both directions from a point in the crosscut 3 feet from the shaft; 9 feet in a N. 70° W. direction and 9 feet in a S 70° E. direction. The pegmatite terminates near the head of both drifts.

It is recommended by the field examiners that the remaining footage (7 feet) of the contract not be completed.

Date of exam: August 9, 1954

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

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

cc: Beck
Lynch
Opr. Cor-2
Files

August 19, 1954

Mr. Hardy C. Cable

Hazelwood, North Carolina

Re: DMEA-3030, Idm-E 565 (mica)
Turkey Knob (Passmore)Mine
Amendment No. 3.

Dear Mr. Cable:

In order to properly authorize the crosscutting and drifting at the 29-foot level in the winze at the Passmore mine, recommended by Mr. Teague, it is necessary to amend the contract. Therefore, I have enclosed six copies of Amendment No. 3. Please sign all six copies, keep one and return the original and all others to me.

It is my understanding that you and Mr. Teague have agreed that sufficient work has been done with the present 73 feet of level work from the winze and that the project is therefore completed. As your voucher and monthly report for this work done in August will be the final one, please submit your final geological and engineering report (5 copies), as required under Article 5 b of the contract, at the same time so as to avoid delay in payment of the final voucher.

Very truly yours,

Robert A. Lawrence
EXECUTIVE OFFICER
DMEA REGION VII

RAL/zm

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM [illegible]
KANSAS CITY 6, MISSOURI

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

SOUTHEASTERN REGION
REGION VII
HAMILTON BANK BUILDING

OFFICE OF
REGIONAL DIRECTOR

POST OFFICE BOX 1909
KNOXVILLE, TENNESSEE

August 13, 1954

Memorandum

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

From: Administrative Officer, Region VII, Knoxville, Tennessee

Subject: Vouchers and Monthly Reports

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

Idm-T-565	Hardy Calvin Cable DMEA Docket No. 3030 11th payment - month of July Amount $967.50
Idm-T-607	B. C. Thomas & Tarp Young DMEA Docket No. 2794 8th and Final Payment - month of June-July Completion Date: 7/29/54 Amount $551.25
Idm-T-618	Dixie Mines, Inc. DMEA Docket No. 3132 6th and Final Payment - month of June Completion Date: 6/1/54 Amount $945.00
Idm-T-659	Willis & Snyder Mining Company DMEA Docket No. 3229 6th payment - month of July Amount $1233.75

Helen R. Miller

Enclosures 8
/hbm
Copies to W. A. Beck
R. A. Laurence
Region Files
Day Files

Form [illegible]104 (Rev.) [illegible]52)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

32

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1954 Docket No. DMEA 3030 Contract No. ID ME 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazelwood, N.C.
Contract Amount, $7,100.00 Government Participation: 90 % Amount, $6,390.00

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 Farm Contracts:						
Rehabilitating Adit		1040.00	1040.00			
Excavating Point Sta		510.00	510.00			
Sinking Winze		2310.00	2310.00			
Timbering "		440.00	440.00			
Drifting	1155	1015.00	2170.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1155.00		6,470.00	1075.00	5,315.00	6,390.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-7

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Aug. 4, 1954 *Payee Hardy Calvin Cable
Per Lula Cable Title Operator

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

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

(Instructions on reverse)

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

$ 967.50

Signature [illegible]
(Authorized Certifying Officer)

Date AUG 12 1954 Vou. No. 32
(See other side)

11 107.50

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. IDm E565 in accordance with the terms of the contract.

Signature W. A. Beck Title Supervising Mining Engr. USBM Date AUG 9 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE ACTING EXECUTIVE OFFICER

Signature W. A. Beck Title DMEA REGION VII Date AUG 9 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form [illegible]-104A
([illegible] 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1954 Docket No. DMEA 3030 Contract No. DME 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address P. Hazelwood, 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.	1155.00	33	2170.00	62	35.00	80	35.00
Crosscutting				1040.00	130	8.00	130	8.00
Raising				570.00	1	570.00	1	570.00
Sinking Winze				2310.00	55	42.00	55	42.00
Winzing				440.00	55	8.00	55	8.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1155.00		6470.00				

Rehabilitating adit
Excavating Hoist Pit
Sinking Winze
Winzing "

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

Date Aug. 4 1954 Operator Hardy Calvin Cable
Per Lula Cable Title Operator

Remarks:

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

(Instructions on reverse)

(For Government use only)

Change "Costs to date" and "Units to date" for Timbering to $360.00 and 45 feet respectively. See letter attached.

W. A. Beck

INSTRUCTIONS

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

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

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

GPO 83-38475

Work progressed nicely for the month. We drilled and mucked thirty-three feet. We have only found hard rock.

July 1-2. No Work.
" 5. Pumped water, drilled
" 6. " " shot, mucked 6 ft.
" 7. Drilled, shot, mucked 2 ft.
" 8. Pumped water, drilled.
" 9. Drilled, shot, mucked
" 12. Pumped, mucked 3 ft.
" 13. Moved equipment from bottom of shaft up to a new level. Built braddis to break off new level.
" 14. Pumped, drilled
" 15-16. Drilled, mucked on new level. 2 ft.
" 19. Pumped, drilled, mucked
" 20. Mucked, drilled 3 ft.
" 21. Drilled, shot, mucked 4 ft.
" 22. " " " 3 ft.
" 23. " " " 2 ft.
" 26. Pumped, drilled, shot.
" 27. Mucked, drilled 3 ft.
" 28. Shot mucked 2 ft.
" 29. Drilled, shot
30. Mucked 3 ft.

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

August 9, 1954

Mr. Hardy Calvin Cable

Hazelwood, North Carolina

Re: DMA-3030, Km-E 565 (misc)
Farmmore Mine, Macon Co., N. C.

Dear Mr. Cable:

Your July monthly report and voucher has been received in this office and is being sent to the Finance Office for processing today. A deletion of $80 is being made on this voucher because on previous vouchers you claimed that 55 feet of timbering had been done in the winze, whereas, our engineers reported only 45 feet of timbering had been done.

Your totals for timbering will now be 360 in each column and the totals at the bottom of the page should be $1,075.00 ; $5,315.00 and $6,390.00. Please correct your copy of the July voucher to conform with ours, and also your form MI-104A.

Very truly yours,

Jim A. Beck, Acting

EXECUTIVE OFFICER
DMEA REGION VII

HB/rm
cc:
Finance Office-3
Lynch
Beck
Vouchers

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
P.O. BOX 1457 OAK RIDGE, TENN.
KNOXVILLE 2, TENN.

INTERIM REPORT

ON

DMEA-3030, Idm-E 565 (mica)

TURKEY KNOB (Passamore) MINE

Operator: Hardy Calvin Cable, Haselwood, North Carolina

Location: 7.7 miles N. 66° E. of Franklin, Macon County, N. C., and just south of the Macon-Jackson County, Line in Macon County.

Crosscutting continues on this contract and combined with a 7-foot drift, now totals 51 feet. Recent work consisted of driving an 11-foot crosscut to the north from the 29-foot level.

Material encountered in this last lateral consists of biotite schist and a pegmatite "stringers" about 6 inches thick. The stringer is about 3 feet from the shaft and consists of kaolinized feldspar and quartz. It strikes N. 70° W. and dips 75° N.

The Operator was advised to advance the crosscut about 8 feet. Recent progress on this contract has been satisfactory.

Date of exam: July 26, 1954.

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

AUG 6 1954 600

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

Subject: Docket No. DMEA-3030 - Miss Hardy Calvin Cable
Turkey Knob (Passmore) Mine
Macon County, North Carolina
Contract No. Idm-R565

Dear Mr. Laurence:

Reference is made to Field Team Interim reports of June 14, 1954, and June 28, 1954, on the subject mine.

According to the first of the above reports a four foot thick pegmatized zone was cut in the crosscut at four to eight feet from the shaft on the 50-foot level. In the June 28 report the pegmatized zone is referred to as a stringer which was followed for seven feet when it pinched out. The Field Team says future work will advance the crosscut which is now at 16 feet.

Might it not be that the aforesaid pegmatized zone is the extension of the pegmatite we are exploring? In that case additional crosscutting might not be justified there. Please follow the description of the work in the contract in the future and avoid unnecessary dead work.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

s/ E. L. Newcomb

Member, Geological Survey

WCAnderson:gad 8/4/54
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Larrabee, 5216
Mr. Houk

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

August 2, 1954

Memorandum

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

From: DMEA Field Team, Region VII

Subject: Docket No. DMEA-3030 (mica) Hardy Calvin Cable, Applicant
Turkey Knob (Passamore) Mine. Maconcounty, N. C.
Idm-E 565,

Refer to your letter of July 27, 1954, on the subject project.

The Operator is not justified in claiming timber cost for the entire 55-foot winze. The 5-foot sump is not timbered, nor is the last 5 feet above the winze. The Operator should be paid for 45 feet of timber; therefore, on the next voucher, cost of timbering the 10 feet previously paid will be deducted.

The winze is timbered with round and split timber, using stulls and lagging set on 5-foot intervals. The winze is 2-compartment, with lagging between the ladder and hoistway.

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

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

KHT/sm

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

[illegible]

[illegible]A-3030 [illegible]-3505 (mica) [illegible] (P[illegible]) [illegible]

[illegible]: Hardy Calvin Cable, Hazelwood, North Carolina.

[illegible]: 7.7 miles N 68° [illegible] of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, N. C.

Crosscutting continues on this contract and combined with a 7-foot drift, now totals 30 feet. Actual measurements could not be made because of water in the mine and material examination was made on the dump. The operator was advised to continue crosscutting to the north for an additional 5 feet. If no pegmatite is encountered in a total distance of 35 feet, it was suggested that a new crosscut be started from the 30-foot shaft level to the north. Work from the shaft bottom has been very discouraging and the possibility exists that the pegmatite bottomed at a depth somewhat above the present shaft depth. Another visit will be made in the near future.

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

[illegible] Geologists
U. S. Geological Survey

July 12, 1954

INTERIM REPORT

NEA-3030 Idm-2565 (mica) TIMBLY KNOB (PASTLOW) MINE

OPERATOR: Hardy Salvin Cable, Macclesfield, North Carolina.

LOCATION: 7.7 miles N 66° E of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, N.C.

Crosscutting continues on this contract without encountering mica bearing pegmatite. Crosscuts totaling 23 feet have been driven to the north and northwest. A pegmatite (4' thick accordg to last report stringer) was followed from the north crosscut in a N 70° W direction for about 7 feet, but pinched out. Future work will advance the north crosscut which is now at 16 feet.

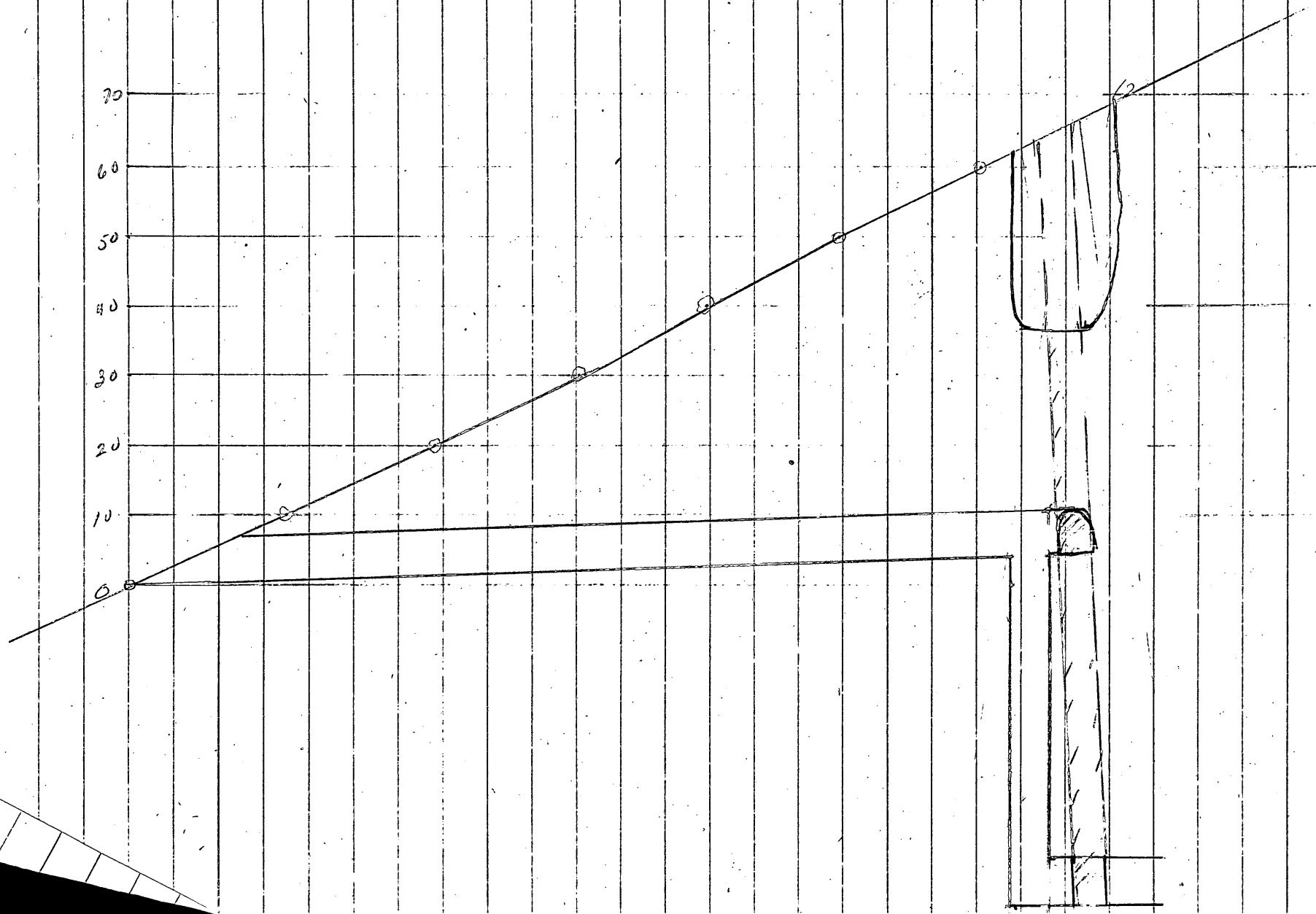
It was suggested that additional work be accomplished on the tramway landings to provide better access via ladderway. The operator was also advised to bar down all loose material in the working spaces.

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

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

June 26, 1954

This happens every time — they always have stopped on the pegmatite. So additional work is justified here. [illegible]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JUL 2 [illegible] 600

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

Subject: Docket No. [illegible] - Mica
Hardy Calvin Cable
Turkey Knob (Tasmore) Mine
Macon County, North Carolina
Contract No. [illegible]-565

Dear Mr. Laurence:

Reference is made to the subject contract and the approval of 55 feet of timbering at $6.00 per foot.

The contract provided for a two compartment shaft with ladders at $42.00 per foot and separately for timbering when necessary at $6.00 per foot. The latest monthly report indicates that the entire winze (including the sump) is timbered. Is this the case? Please indicate the type of timbering in the winze (cribbing, square sets, or stulls and lagging) and whether the operator is justified in claiming the entire $840.00 for this work.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

D. M. Larrabee

Member, Geological Survey

LGHouk:ag 7/23/54
Copy to: Admr R. File
Docket File
Operating Committee
Mr. Dietrich, 3061
Mr. Larrabee, 5216
Mr. Houk

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

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

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

Month of June, 1954 Docket No. DMEA 3030 Contract No. IDME 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hardwood, N.C.
Contract Amount, $ 7,100.00 Government Participation: 90 % Amount, $ 6,390.00

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 Contracts:						
Short Form						
Rehabilitating Adit		1040.00	1040.00			
Drilling						
Excavating Hoist Sta.		510.00	510.00			
Bulldozing						
Sinking Winze		2310.00	2310.00			
Crosscutting						
Limbing		440.00	440.00			
Blasting						
Drifting (21')	735.00	280.00	1015.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	735.00	4580.00	5315.00	735.00	4580.00	5315.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS No. 1

I certify that the above bill is correct and just and that payment therefor has not been received.
Date July 3, 1954 *Payee Hardy Calvin Cable
Per Lula Cable Title Operator

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

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

(Instructions on reverse)

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

$ 661.50

Signature Cora A. Piper
(Authorized Certifying Officer)

Date JUL 14 1954 Vou. No. 11
(See other side)

10

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tdm-F565 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date July 6, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date JUL 9 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

Department of the Interior
Minerals Administration
RECEIVED
JUL 16 1954

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

Month of June 1954 Docket No. DMEA 3030 Contract No. IDMES-65
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazelwood, 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	735.00	21	1015.00	29	35.00	80	35.00
Rehabilitating Adit	ft.			1040.00	130	8.00	130	8.00
Excavating Hoist Sk				510.00	1	510.00	1	510.00
Sinking Winze	ft.			2310.00	55	42.00	55	42.00
Timbering "	ft.			440.00	55	8.00	55	8.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		735.00		5315.00				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 July 3, 1954 Operator Hardy Calvin Cable
Per Lula Cable Title Operator

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

JUL 6 1954

Work progressed nicely for June. We drifted several ft. and found no mica. Then was instructed to put in a test hole. Findings were no good and changed our direction for drifting but found no mica.
We drifted 21 ft.

June 4. Built manway and timbered.
" 7. Finished manway.
" 8. Pumped water, drilled, shot.
" 9. " " mucked 1 ft.
" 10. " " drilled, shot.
" 11. " " mucked.
" 14. Repaired pump, pumped water.
" 15. Pumped, drilled, shot.
" 16. Drilled test hole.
" 17. Broke off new drift, drilled.
" 18. Pumped, shot, mucked 5 ft.
" 21. " drilled, shot.
" 22. " mucked 4 ft. drilled, shot.
" 23. " " 2 " " "
" 24. " " 3 " " "
" 28. " " 3 " " "
" 29. " " 2 "
" 30. Drilled.

INTERIM REPORT

On

DMEA-3030, Idm-E 565 (mica) TURKEY KNOB MINE
(Passamore Mine)

Operator: Hardy Calvin Cable, Hazelwood, North Carolina

Location: 7.7 miles N. 66° E. of Franklin, Macon County, N. C., and just south of the Macon-Jackson County Line in Macon County, N.C.

The crosscut from the 50-foot level of the winze has been advanced to the north 10.5 feet. A pegmatized zone about 4 feet thick was cut in the crosscut at 4 to 8 feet. The zone strikes about E-W and dips 80° to the north and is conformable to the country rock, biotite-garnet schist. No strategic mica was observed in the zone.

The Operator was advised to drift west along the pegmatized zone.

Manway and ladders are now completed.

Date of exam: June 14, 1954

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

INTERIM REPORT

U RA-3030 Ida-2535 (mica) TUNGSTEN (WO3) LINE

OPERATOR: Harty Calvin Cable, Westwood, North Carolina

LOCATION: 7.7 miles N 36° E of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, N. C.

Shaft sinking has been completed to a total depth of 55 feet and crosscutting is underway on this concract. Turnoff was made to the north from the 50 foot level, leaving a 5 foot sump. Partition and ladder construction continues and should be completed by the next visit. Progress on this contract is slow.

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

R. M. Teague & L. M. Amos, Geologists
U. S. Geological Survey

May 31, 1954

(Rev.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1954 Docket No. DMEA 3030 Contract No. IDME 565
Operator's Name J Hardy Calvin Cable Minerals Mica
Address Hazelwood, N.C.
Contract Amount, $ 7,100.00 Government Participation: 90% Amount, $ 6,390.00

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 Contracts: Short Form						
Rehabilitating Adit		1040.00	1040.00			
Excavating Hoist Sta.		510.00	510.00			
Sinking Wings	168.00	2142.00	2310.00			
Sinking "	32.00	408.00	440.00			
Drifting	140.00	140.00	280.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	340.00	4240.00	4580.00	340.00	4,240.00	4580.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-72

I certify that the above bill is correct and just and that payment therefor has not been received.
Date June 2, 1954 *Payee J Hardy Calvin Cable
Per Lula Cable Title Operator

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

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

(Instructions on reverse)

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

$ 306.00

Signature [illegible] (Authorized Certifying Officer)
Date JUN 15 1954 Vou. No. 315
(See other side)

34.00

(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 E-565 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date June 7, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date JUN 9 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

104A
(952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1954 Docket No. DMEA 2030 Contract No. IDME 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazelwood, 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.	140.00	4	280.00	8	35.00	80	35.00
~~Crosscutting~~ Preparating Adit	ft.			1040.00	130	8.00	130	8.00
~~Raising~~ Excavating Hoist								
~~Shafts~~ Station, etc.				510.00	1	510.00	1	510.00
Winzes Sinking	ft.	168.00	4	2310.00	55	42.00	55	42.00
~~Drilling: Core~~ Jobbing	ft.	32.00	4	440.00	55	8.00	55	8.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		340.00		4580.00				

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 June 2, 1954 Operator Hardy Calvin Cable
Per Lula Cable Title Operator

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Work was delayed because machinery was out of order. We overhauled pump and compressor, and drilled, mucked out four ft. in tunnel and four ft. in shaft. We also started manway.

May 3. Pump was out of order.
" 4. Repaired pump. pumped water.
" 5-7. No work.
10. Drilled, tore down compressor.
11. Repaired compressor, pumped
12 14. Pumped water, completed compressor.
17. Pumped, drilled, shot in shaft.
18. Pumped, mucked, 2 ft. in shaft.
19. Pumped, drilled, shot
20. Mucked, 2 ft in shaft.
21 Pumped water, drilled in tunnel.
24. Pumped water, drilled.
25. Drilled in tunnel, shot.
26. Mucked 2 ft in tunnel
27. Pumped drilled, shot.
28. Pumped, mucked 2 ft. in tunnel.
31. Worked on manway.

RECEIVED
JUN 9 1954
U. S. BUREAU OF MINES
DEF. MIN ADM.
Knoxville, Tennessee

[illegible]

LAMA-3030 Idr-3365 (mica) [illegible] ([illegible]) [illegible]

OPERATOR: Hardy Selvin Cable, Hazelwood, North Carolina

LOCATION: 7.7 miles N 66° E of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, N. C.

Very little progress has been made on this contract in the past two weeks due to equipment failure and time off for farming. Turnoff has been made from the 50-ft. level to the north and two or three headings have been pulled. The operator reports "white stuff" in the last drill holes completed and another heading may place the crosscut in pegmatite. The bottom was not visited because all ladders had been removed for reconstruction.

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

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

May 17, 1954

May 24, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 2 - Docket No. DMEA-3030 - Mica
Hardy Calvin Cable
Turkey Nob (Passmore) Mine
Macon County, North Carolina
Contract No. Idm-E565

The purpose of Amendment No. 2 to Contract No. Idm-E565 is to delete the words "on the pegmatite" in Item 3 covering shaft sinking, and add the words "and/or crosscut" after the word "Drift" in Item 5 covering drifting. This is justifiable since the pegmatite dipped slightly away from the shaft near the bottom necessitating a short crosscut to reach it.

The Nonmetallic Minerals Division concurs in the amendment as written.

/S/
W. C. Anderson
Nonmetallic Minerals Division

WCAnderson:gad 5/24/54
Copy to: Admr. R. File
Mr. Houk

May 17, 1954

Memorandum

To: Operating Committee, DMEA- Washington

From: Executive Officer, DMEA - Region VII

Subject: Amendment No. 2 on DMEA-3030, Idm-E 565. Hardy C. Cable.

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

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION VII

ZM.
cc:
Beck
Lynch
Finance Office
Opr. Com. Div. Copy
Files

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

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

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

Month of April, 1954 Docket No. DMEA 3030 Contract No. IDME S-65
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazlewood, N.C.
Contract Amount, $ 7,100.00 Government Participation: 90 % Amount, $ 6,390.00

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:						
Rehabilitating Adit		1040.00	1040.00			
Bulldozing Adit		510.00	510.00			
Sinking Cutting Wrge	210.00	1932.00	2142.00			
Sinking Drifting Wrge	40.00	368.00	408.00			
Drifting	140.00		140.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	390.00	3850.00	4240.00	390.00	3,850.00	4,240.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-64

I certify that the above bill is correct and just and that payment therefor has not been received.
Date May 31 1954 *Payee Hardy Calvin Cable
Per Lula Cable Title Operator

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

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

(Instructions on reverse)

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

$ 351.00

Signature Cora A. Pope
(Authorized Certifying Officer)
Date MAY 13 1954 Vou. No. 284
(See other side)

8

39.00

(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-2565 in accordance with the terms of the contract.

Signature M. Lynch Title Mining Engineer Date May 6, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE

Signature W. W. Beck Title ACTING EXECUTIVE OFFICER DMEA REGION VII Date MAY 10 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1954 Docket No. DMEA 3030 Contract No. IDME 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazelwood, 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.	140.00	4	140.00	4	35.00	80	35.00
Rehabilitating Adit	ft			1040.00	130	8.00	130	8.00
Crosscutting								
Raising								
Shafts Stations etc.				510.00	1	510.00	1	510.00
Sinking Winze	ft.	210.00	5	2142.00	51	42.00	55	42.00
Winzes								
Drilling Core	ft.	40.00	5	408.00	51	8.00	55	8.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		390.00		4230.00				

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

Date May 3, 1954 Operator Hardy Calvin Cable
Per Lula Cable Title Operator

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Work for April was very slow due to so much rain and excess water in ~~shaft~~ mine.

Apr. 1 No Work
" 2. Pumped water, drilled
" 5. Pumped, shot.
" 6. Mucked in shaft. 2 ft.
" 7. Pumped water.
" 8. Drilled in shaft.
" 9. Shot, mucked, replaced timbers 3 ft.
" 12. Pumped water, drilled
" 13. Pump out of order. repaired pump.
" 14 No work.
" 15. Finished pump. pumped water.
" 16. Pumped water. repaired Compressor.
" 19. Pumped water.
" 20. Started drifting, pumped, drilled.
" 21. Drilled and shot.
" 22. Pumped, mucked 2 ft. in drift.
" 23. Drilled in drift, shot.
" 26. Pumped water, mucked 2 ft in drift.
" 27 Cut timbers to build ladder way.
" 30 Drilled in shaft, shot.

[illegible]

to 16 feet - peg + Biostratigraphy

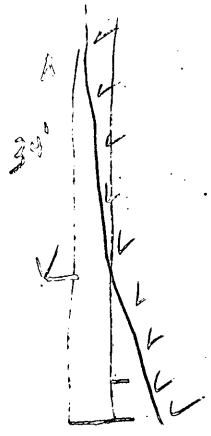
@ 26 ft. in " "

at 32 feet - peg visible

@ 34 - " + Country rock

34 to 40 - all country rock

40 to [illegible] Biostratigraphy [illegible]



INTERIM REPORT
ON
DMEA-3030, TURKEY KNOB (PASSAMORE)MINE
Idm-E 565 (mica)

Operator: Hardy Calvin Cable, Hazelwood, North Carolina

Location: 7.7 miles N. 66° E. of Franklin, Macon County, N. C. and just south of the Macon-Jackson county line in Macon County.

The winze has been sunk a total of 52 feet, to date and a crosscut has been turned off at the 50-foot level. The latter has been advanced about 3 feet to the north. An additional 3 feet of winze is to be sunk soon; thus providing a 5-foot sump as called for in the contract.

Fresh biotite gneiss is exposed in the winze bottom and in the cross-cut.

The operator is currently rebuilding the manway and ladders as requested by the field examiners and noted in the last interim report. Former manway and ladders were neither adequate nor safe.

Exam. date: May 6, 1954.

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

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 5/22

REFERRED TO:

1. ~~110~~
2. 600
3.
4.

FOR:

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

REMARKS: Mr. Houle please note Mr Johnson's as note on narrative "Details of labor, supplies, etc." gad

Check (X) before the items needing attention.

Ask operator for details

ROBERT E. ADAMS

Initials of sender.

GPO 16—63815-1

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

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

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

Month of March 1954 Docket No. DMEA 3030 Contract No. DME 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hayesville, N.C.
Contract Amount, $ 7,100.00 Government Participation: 90 % Amount, $ 6,390.00

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:						
Sinking Winze	168.00	1764.00	1932.00			
Sinking "	32.00	336.00	368.00			
Rehabilitating adit		1040.00	1040.00	✓		
Excavating hoist station, etc		510.00	510.00	✓		
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	200.00	3650.00	3850.00	200.00	3,650.00	3,850.00

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-62

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Apr. 13, 1954 *Payee Hardy Calvin Cable
Per Lula Cable Title Operator

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

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

(Instructions on reverse)

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

$ 180.00

Signature Carl A. Piper
(Authorized Certifying Officer)

Date APR 26 1954 Vou. No. 274
(See other side)

7

20.00

(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-E565 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date April 14, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date APR 19 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1954 Docket No. DMEA 3030 Contract No. DME 5 65

Operator's Name Hardy Calvin Cable Minerals Mica

Address Hazelwood, 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
Rehabilitating Adit	ft			1040.00	130	8.00	130	8.00
~~Drifting~~ Excavating Hoist								
~~Crosscutting~~ Station, etc				510.00	1	510.00	1	510.00
~~Raising~~ Sinking Winze	ft	168.00	4	1932.00	46	42.00	55	42.00
~~Stoping~~ Timbering Winze	ft	32.00	4	368.00	46	8.00	55	8.00
~~Winzes~~								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		200.00		3850.00				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 Apr. 13, 1954 Operator Hardy Calvin Cable

Per Lula Cable Title Operator

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

RECEIVED
APR 10 1954

Work for March was rather slow due to repairs on machinery and we also had some unfavorable weather.

Mar. 1. Pumped water.
" 2. Repaired pump and pumped water.
" 3. Had trouble with compressor.
" 4-5. Worked on compressor, drilled.
8. Shot, mucked, timbered 1 ft.
9-12. Repaired track and made tram car.
15. Pumped water, drilled
16. Pumped, drilled, shot.
17. Mucked, timbered 1 ft.
18. Pumped, drilled
19. Drilled, shot
22. Pumped water, mucked
23. Drilled, shot
24. Mucked, timbered 1 ft.
25. Drilled, shot.
26. Pumped, mucked 1 ft.
29. Pumped
30. Drilled

Details?

INTERIM REPORT

MSHA-3050 Idm-3503 (mica) [illegible] MOR ([illegible]) MINE

OPERATOR: Hardy Calvin Cable, Hazelwood, North Carolina.

LOCATION: 7.7 miles N 66° E of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, N. C.

Mine sinking continues on this contract and is now at 45 ft. No change is anticipated in the target and sinking will continue to a total depth of 55 feet.

The bottom was not examined, but dump material examined shows that recent material removed is principally biotite gneiss containing secondary sulphides. No pegmatite material has been observed since that reported at 32 feet. Some suggestions were made concerning future partition and ladder work.

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

R. M. Teague & L. L. Amos, Geologists
U. S. Geological Survey

April 6, 1954

MONTHLY REPORT

[illegible]-3030 Idx-5565 (mica) [illegible] Y [illegible] (mica) [illegible]

OPERATOR: Hardy Calvin Cable, Hazelwood, North Carolina.

LOCATION: 7.7 miles N 68° E of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, N. C.

Winze sinking continues slowly on this contract and is now at 40 feet plus an undetermined amount of muck in the bottom. Approximately 12 feet of winze remains to be sunk.

Material encountered recently is all biotite gneiss. The body changed dip slightly and went out on the north side of the winze. As soon as winze sinking is complete to 55 feet a crosscut will be driven to the north to intersect the body.

A permanent partition and ladderway extends to within ten feet of the bottom. Various suggestions were made concerning additional timber work.

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

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

March 22, 1954

Mr. Anderson

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

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

246

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

VOUCHER & SCHEDULE

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Feb. 1954 Docket No. DMEA 3030 Contract No. IDME 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazelwood, N. C.
Contract Amount, $ 7,100.00 Government Participation: 90% Amount, $ 6,390.00

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:						
Sinking Winze	252.00	1512.00	1764.00			
Sinking "	48.00	288.00	336.00			
Rehabilitating Adit		1040.00	1040.00			
Excavating hoist station site		510.00	510.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	300.00	3350.00	3650.00	300.00	3,350.00	3,650.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Mar. 5, 1954 Payee Hardy Calvin Cable
Per Lula Cable Title Operator

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

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

(Instructions on reverse)

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

$ 270.00

Signature Cora A. Lipon
(Authorized Certifying Officer)

Date MAR 19 1954 Vou. No. 246

(See other side)

6

30.00

(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. Km-E565 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. U.S.B.M. Date March 12, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Beck ACTING Title EXECUTIVE OFFICER DMEA REGION VII Date MAR 15 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

Defense Minerals Administration
RECEIVED
MAR 24 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Feb. 1954 Docket No. DMEA 3030 Contract No. IDME 565
Operator's Name Hardy Calvin Cable
Minerals Mica
Address Hazelwood, 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
Rehabilitating Adit	ft.			1040.00	130	8.00	130	8.00
Drifting								
Excavating hoist station etc.				510.00	1	510.00	1	510.00
Crosscutting								
Raising								
Shafts								
Sinking Winze	ft.	252.00	6	1764.00	42	42.00	55	42.00
Sinking "	ft.	48.00	6	336.00	42	8.00	55	8.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		300.00		3650.00				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 Mar. 5, 1954 Operator Hardy Calvin Cable
Per Lula Cable Title Operator

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

RECEIVED
MAR 15 1954
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

GPO 83-38475

Operators
Monthly Progress Report
Month of February 1954

DMEA 3030
IDME-565

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 24 1954

Work Accomplished

Work was delayed in Feb. on account of bad weather and road conditions. We began Feb. 18 and accomplished six feet for the remainder of the month.

Feb. 18. Pumped water, cleaned shaft.
" 19. Built ladders, pumped.
" 20 Pumped water, drilled, timbered
" 21. Drilled and shot.
" 22 No Work.
" 23. Drilled and shot, mucked 3 ft.
" 24. Repaired pump, pumped water.
" 25 Repaired manway.
" 26. Drilled
27. Drilled and Pumped
28. Shot and mucked 3 ft.

RECEIVED
MAR 15 1954
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

600

March 16, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Amendment No. 1 - Docket No. DMEA-3030 - Mica
Time extension. Hardy Calvin Cable
Turkey Nob (Passmore) Mine
Macon County, North Carolina
Contract No. Idm-E565

Amendment No. 1 amends Article 3 to read 14 months or September 9, 1954, as the completion date for the contract. The Nonmetallic Minerals Division concurs in the amendment as written and executed in the field.

LGHouk:gad 3/16/54

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

[illegible] Anderson

[illegible] OF THE [illegible]
[illegible] Adm[illegible]
RECEIVED
[illegible] 10 1954

[illegible] 31

[illegible]-3030 [illegible]-.03 (mica) [illegible] (Mica) Mill

[illegible]: Jerry Calvin Cable, Hazelwood, North Carolina

[illegible]: 7.7 miles N 86° [illegible] of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, N. C.

Winze sinking continues slowly on this contract and is now at 34 feet. The bottom contained 2 feet of water and was not examined. Examination of dump material indicates that the present winze depth is in both pegmatite and country rock. Previous contact with the operator disclosed that work has been impeded because of state highway road construction and wet winter weather. A new "drill runner" has been hired recently and progress in the future is expected to be accelerated.

Mr. [illegible] Beck, member of the [illegible] Field Team, Region VII, accompanied the engineers on this visit to the mine.

[illegible] Shirley, Mining Engineer
U. S. Bureau of Mines

[illegible] Teague and [illegible], Geologists
U. S. Geological Survey

February 23, 1954

-104 (Rev.)
1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1953 Docket No. DMEA 3030 Contract No. DME 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazelwood, N.C.
Contract Amount, $ 7,100.00 Government Participation: 90 % Amount, $ 6,390.00

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 Contracts: Short Form						
Sinking Winze	420.00	1092.00	1562.00			
Drilling						
Diamond Drilling Winze	80.00	208.00	288.00			
Crosscutting						
Rehabilitating Adit		1040.00	1040.00			
Drifting						
Excavating Hoist Station		510.00	510.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	500.00	2850.00	3350.00	500.00	2850.00	3350.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Jan. 18, 1954 *Payee Hardy Calvin Cable
Per Lula Cable Title Operator

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

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

(Instructions on reverse)

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

$ 450.00

Signature Carl A. Pipes
(Authorized Certifying Officer)

Date JAN 26 1954 Vou. No. 200
(See other side)

5

50.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tdm-E565 in accordance with the terms of the contract.

Signature Laurence E. Shirley Title Mining Engr. U.S.B.M. Date Jan. 19, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laumeyer Title EXECUTIVE OFFICER DMEA REGION VII Date JAN 21 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Dec. 195 3 Docket No. DMEA 3030 Contract No. IDME565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazelwood, NC.

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
Rehabilitating Adit	ft.			1040.00	130	8.00	130	8.00
Excavating Adit etc				510.00	1	510.00	1	510.00
Drifting								
Raising								
Shafts								
Sinking Winze	ft.	420.00	10	1512.00	36	42.00	55	42.00
Timbering Winze	ft	80.00	10	288.00	36	8.00	55	8.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		500.00		3350.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
Total Costs		500.00		3350.00				

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 Jan. 18, 1954 Operator Hardy Calvin Cable
Per Lula Cable Title Operator

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Narrative for December 1953
I D ME 565
DMEA 3030

Work Accomplished
We installed gas hoist*
made ladder, drilled, shot,
mucked, timbered 10 ft. Pumped Water.

Dec. 1. Finished reinstalling hoist
2. Pumped water, drilled.
3. Drilled, shot.
4. Mucked, timbered 4 ft.
7. Pumped Water, drilled
8. Built ladder, shot
9. Mucked, timbered 2 ft.
10. Drilled
14-18. No Work
21. Pumped water, drilled
22. Shot, Mucked, timbered 2 ft.
23. Drilled
24-27. No Work.
28. Shot, Pumped Water.
29. Mucked
30. Pumped, mucked, timbered 2 ft.

* Gas hoist is located outside the adit.

WAB

RECEIVED
JAN 21 1954
U. S. BUREAU OF MINES
DEF. MIN. ADM.
Knoxville, Tennessee

Defense Minerals Administration
RECEIVED
DEC 31 1953

INTERIM REPORT

DMEA-3030 Idm-2565 (mica) TURKEY KNOB (PASMORE) MINE

OPERATOR: Hardy Calvin Cable, Hazelwood, North Carolina.

LOCATION: 7.7 miles N 66° E of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, North Carolina.

Winze sinking continues slowly on this contract and is now at 32 feet. The mine was not working at the time of this visit; the winze contained 5 feet of water and the bottom could not be examined. It is reported that pegmatite material is now visible in the side of the shaft near the bottom.

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

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

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

Dewey Amos, Geologist
U. S. Geological Survey

December 18, 1953

INTERIM REPORT

DMRA-3030 Idm-E565 (mica) TURKEY KNOB (PASSMORE) MINE

OPERATOR: Hardy Calvin Cable, Hazelwood, North Carolina.

LOCATION: 7.7 miles N 66° E of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, N.C.

Winze sinking continues on this contract and is now at 26 feet. At the time of this visit the winze contained 10.5 feet of water and the bottom could not be examined. A later contact with the operator disclosed that the bottom is in both pegmatite and country rock, a biotite gneiss.

The operator was advised to have all workers out of the winze while hoisting is in progress. No protection is afforded the worker, at present, in case of hoist failure or rope breakage.

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

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

December 1, 1953

Mr. Hilderson

n MF-1 (Rev.)
April 1950

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

156

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 34

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Nov. 1953 Docket No. DMEA 3030 Contract No. IDME 565
Operator's Name Hardy Calvin Cable Minerals mica
Address Hazelwood, N.C.
Contract Amount, $ 7,100.00 Government Participation: 90 % Amount, $ 6,390.00

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 Contracts: Short Form						
Sinking ~~Drifting~~ Winze	420.00	672.00	1092.00			
Sinking ~~Bulldozing~~ Winze	80.00	128.00	208.00			
~~Crosscutting~~ Rehabilitating Adit		1040.00	1040.00			
~~Drifting~~ Excavating Hoist Sta. etc.		510.00	510.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	500.00	2350.00	2850.00	500.00	2,350.00	2850.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Dec. 3, 1953 *Payee Hardy Calvin Cable
Per Lula Cable Title Operator

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

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

(Instructions on reverse)

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

$ 450.00

Signature Cora A. Piper
(Authorized Certifying Officer)

Date DEC 9 1953 Vou. No. 156
(See other side)

4

50.00.

(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-E565 in accordance with the terms of the contract.

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature L. E. Beck ACTING Title EXECUTIVE OFFICER DMEA REGION VII Date DEC 7 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form M[illegible]-104R
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Nov. 1953 Docket No. DMEA 3030 Contract No. DMC 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazelwood, 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
Rehabilitating Adit	ft.			1040.00	130	8.00	130	8.00
~~Drifting~~ Excavating Point Sta.				510.00	1	510.00	1	510.00
~~Crosscutting~~ Etc.								
Raising								
Shafts								
~~Winzes~~ Sinking Winze	ft.	420.00	10	1092.00	26	42.00	55	42.00
~~Drilling (Core)~~ Diamond Drilling Winze	ft.	80.00	10	208.00	26.	8.00	55	8.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		500.00		2850.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		500.00		2850.00				

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 Dec. 3, 1953 Operator Hardy Calvin Cable
Per Lula Cable Title Operator

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

We shot out timbers, had to reinstall them. Drilled, shot, mucked, timbered 10 ft. We struck some vein rock and found some small mica. Had to give up air hoist, secured a gas hoist and installed it.

Nov. 2. Reinstalled timbers
" 3. Timbered, pumped water. drilled.
" 4. drilled, shot, mucked. 4 ft.
" 5. Pumped, drilled, shot.
" 6. timbered, mucked 3 ft.
" 9. Pumped water, drilled
" 10. Mucked, timbered 3 ft.
" 11. Drilled, shot.
13-21 No work.
Nov. 23. Took out air hoist.
" 27. Moved hoist
" 28. " "
" 30 Installed hoist.

Mr. Anderson

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
RECEIVED
DEC 2 - 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1953 Docket No. DMEA 3030 Contract No. Idm E 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazelwood, N.C.
Contract Amount, $7,100.00 Government Participation: 90 % Amount, $6,390.00

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 Contracts: Short Form						
Timbering Winze	48.00	80.00	128.00			
Sinking Winze	252.00	420.00	672.00			
Bulldozing						
Crosscutting						
Drifting						
Rehabilitating Adit		1040.00	1040.00			
Excavating Hoist Station, etc.		510.00	510.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	300.00	2050.00	2350.00	300.00	2,050.00	2,350.00

PAID ON SF-1081
NOR- 32

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Nov 20, 1953 *Payee Hardy Calvin Cable
Per Lula Cable Title Operator

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

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

(Instructions on reverse)

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

$270.00

Signature Cora A. Price
(Authorized Certifying Officer)

Date NOV 27 1953 Vou. No. 140
(See other side)

3

30.00

(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-E565 in accordance with the terms of the contract.

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals
RECEIVED
DEC 2 - 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1953 Docket No. DMEA 3030 Contract No. Idm-E 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazelwood, 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
Rehabilitating Adit	Ft			1040.00	130	8.00	130	8.00
Drifting								
Excavating Hoist Chamber etc.				510.00	1	510.00	1	510.00
Raising								
Shafts								
Winzes Sinking	Ft	252.00	6	672.00	16	42.00	55	42.00
Timbering Winze	Ft	48.00	6	128.00		8.00	55	8.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		300.00		2350.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		300.00		2350.00				

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

Date Nov. 20, 1953 Operator Hardy Calvin Cable

Per Lula Cable Title Operator

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

We were delayed a first of month for a hoist. Then I got one, installed it. Worked too slow. Removed it to outside and over hauled it. Reinstalled hoist and drilled, shot, mucked, timbered six feet.

Oct. 15. Pumped water, drilled
" 16. Drilled, shot, mucked 2 ft.
" 19. Took out hoist, overhauled it.
" 20. Worked on hoist, timbered.
" 21. Pumped water, drilled.
22. Drilled, shot, mucked 2 ft.
23. Timbered, drilled.
26. Pumped water. drilled and shot.
27. Drilled, shot, mucked 2 ft.
28. Replaced timbers.
29. Repaired hoist, and timbered.
30 Drilled.

INTERIM REPORT

DMEA-3030 Idm-E565 (mica) THREE J B (PASSMORE) MINE

OPERATOR: Hardy Calvin Cable, Hazelwood, N. C.

LOCATION: 7.7 miles N 66° E of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, N. C.

Winze sinking continues slowly on this contract and is now at 16 feet. Most of this depth has been sunk in both pegmatite and biotite schist, badly weathered. Hardrock was encountered at about 11 feet and will not require much timber from this point. More pegmatite section can be observed in the bottom than previously and the body appears to be dipping more toward the shaft center. Very little mica has been recovered to date.

Additional timbering of the roof section near the winze opening has been accomplished. The operator states that two shifts are now working and that faster progress will be a reality in the near future.

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

November 3, 1953

INSPECTION REPORT

DMEA-3030 Idx-2066 (mica) TAILY ROCK (PASTURE) MINE

OPERATOR: Hardy Calvin Cable, Leicolwood, North Carolina.

LOCATION: 7.7 miles N 66° E of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, N. C.

Mine sinking continues slowly on this contract and is now at 10 feet. Difficulties were encountered in securing a hoist and it was necessary to repeat some of the work supposedly completed during rehabilitation. A Sullivan air hoist has been secured, and if sufficient air power is available for operation this should speed up sinking progress. Material encountered is principally weathered schist that has required timbering. Several recommendations concerning safety were made during this visit.

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

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

October 22, 1955

Form MF-104 (Rev.) April 1952)

Mr. Christison

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

ON VOUCHER & SCHEDULE
PAYMENTS K-22

113

OPERATOR'S MONTHLY REPORT AND VOUCHER

DEPARTMENT OF THE INTERIOR
Defense Minerals
REC'D

Month of September, 1953 Docket No. DMEA 3-65-D Contract No. IDME 5-65

Operator's Name Hardy Calvin Cable Minerals Mica

Address Wagelwood, N.C.

Contract Amount, $ 7,100.00 Government Participation: 90% - Amount, $ 6,390.00

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						
Sinking Wings Bulldozing	80.00		80.00			
Crosscutting						
Drifting						
Sinking Wings	420.00		420.00			
(2) Labor and Supervision:						
Labor						
Rehabilitating Adit Supervision		1040.00	1040.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Excavating hoist station & installing line pump		510.00	510.00			
(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	500.00	1550.00	2050.00	500.00	1,550.00	2,050.00

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

Date Oct. 10, 1953 *Payee Hardy Calvin Cable

Per Lula Cable Title Owner

*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:

$ 450.00

Signature Cora A. Piper
(Authorized Certifying Officer)

Date OCT 19 1953 Vou. No. 113

(See other side)

2

50.00

(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-E565 in accordance with the terms of the contract.

Signature Lawrence E. Shirley Title Mining Engr. Date Oct. 13, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Sept 1953 Docket No. DMEA 3030 Contract No. IDME 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hickwood, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
~~Winzes~~ Sinking Winze	10	420.00	10	420.00	10	42.00	10	420.00
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Sinking Winze	10	80.00	10	80.00	10	8.00	10	80.00
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		500.00		500.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		500.00		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 Oct 10, 1953 Operator Hardy Calvin Cable

Per Lula Cable Title Owner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Operators
Monthly Progress Report
for
September 1953

DEPARTMENT OF INTERIOR
Defense Minerals Administration
RECEIVED
OCT 21 1953

DMEA 3030
IDME 565

Work Accomplished

Sunk Winze by drilling and shooting, mucking out vein material and rock. Pumped water and have been delayed for lack of air hoist. Timbered and sunk 10 ft.

Sept. 1. Drilled, shot.
" 2. Mucked out 2 ft.
" 3. Timbered and drilled
" 4. Shot and mucked 2 ft.
" 8. Pumped water, broke pump.
" 14. Pump reinstalled.
" 15. Pumped water out.
" 16. Drilled and shot.
" 17. Timbered, mucked 3 ft.
" 21. Pumped water, Drilled
" 22. Mucked, timbered 2 ft.
" 23. Pumped water
" 25. Pumped water
" 28. Drilled, shot.
" 29. Mucked, vein Material + Rock 1 ft.
" 30. Delayed for hoist.

EXECUTIVE OFFICER
DMEA REGION VII
KNOXVILLE, TENNESSEE

October 15, 1953

Mr. Hardy Calvin Cable

Hazelwood, North Carolina

Re: DMEA-3030, Contract Idm-E565
(mica)

Dear Mr. Cable:

Your September monthly report and voucher has been received at this office and is being sent to the Finance Office today for processing.

Your Form MF-104 is made out incorrectly - you have included the costs of rehabilitating the adit and excavating the hoist station, etc., that were reported previously. Your total cost to date should have been $2,050.00 instead of $500 as you reported.

Very truly yours,

Acting Executive Officer
DMEA Field Team, Reg. 7

MAB/zm
cc:
Beck
Lawrence
Finance office
Lynch

INTERIM REPORT

DMA-3030 ldm-1565 (mica) TO KEF KNOB (PASSMORE) MINE

OPERATOR: Hardy Calvin Cable, Hazelwood, North Carolina.

LOCATION: 7.7 miles N 66° E of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, North Carolina.

Winze sinking is underway on this contract and is now at 9 feet. Hoisting to date has been by hand windlass, which is not satisfactory. The operator expects delivery of an air hoist in the near future and it was suggested that better provisions be made at once. All previous detonation in the winze has been by fuse and caps. The operator was advised to discontinue this practice and use electric detonator caps and blasting machine in the future. Misfires have been common in previous use of fuse and with depth the possibility exists that workers would not have proper time to get out of winze before the charge goes off. Both of these bad points will probably be eliminated if electric blasting methods are employed.

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

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

October 9, 1953

Mr Anderson

D. M. E. A.

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

OFFICE OF
REGIONAL DIRECTOR

POST OFFICE BOX 1909
KNOXVILLE, TENNESSEE

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 2 1953

September 30, 1953

Memorandum

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

From: Administrative Officer, Region VII, Knoxville, Tennessee

Subject: Monthly Reports and Vouchers

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

Idm-E-497
Polly Miller Mining Corporation
DMEA Docket No. 2778
2nd payment - month of August
Amount $891.00

Idm-E-504
HRH, Inc.
DMEA Docket No. 2833
1st payment - month of August
Amount $1939.50
Starting Date: 8/12/53

Idm-E-512
B. G. Thomas, Mark Hall, & Charlie Hall
DMEA Docket No. 2790
4th payment - month of August
Amount $1068.48

Idm-E-535
Bowman Bros., Mine
DMEA Docket No. 2882
4th and Final Payment - month of September
Amount $540.00
Completion Date: 9/9/53

Idm-E-565
Hardy Calvin Cable
DMEA Docket No. 3030
1st payment - months of July and August
Amount $1395.00
Starting Date: 7/22/53

Helen Miller
Helen R. Miller

Enclosures 10
/hbm
Copies to W. A. Beck
R. A. Laurence
Files

BUREAU OF MINES
WASHINGTON, D. C.

OCT 2 9 28 AM '53

04 (Rev.)
2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON DEPARTMENT OF THE INTERIOR VOUCHER PAYMENT SCHEDULE K- 17 SEP 2 1953

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

89

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July + Aug, 1953 Docket No. DMEA 3030 Contract No. IDME 565
Operator's Name Hardy Calvin Cable
Address Hazelwood, N.C.
Minerals mica
Contract Amount, $ 7,100.00 Government Participation: 90 % Amount, $ 6,390.00

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 Contracts: Short Form						
Rehabilitating Adit	104.00		1040.00			
Bulldozing						
Crosscutting						
Excavating hoist station + Cap. hoistframe	51.00		510.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1550.00		1550.00	1,560.00		1,550.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Sept. 3, 1953 *Payee Hardy Calvin Cable
Per Lula Cable Title Owner

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

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

(Instructions on reverse)

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

$ 1,395.00

Signature Cora A. Piper
(Authorized Certifying Officer)
Date SEP 28 1953 Vou. No. 89
(See other side)

1st 8/7/22 155.00

(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-E565 in accordance with the terms of the contract.

Signature Laurence L. Shirley Title Mining Engr. U.S. Bm Date Sept. 14, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION VII Date SEP 16 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

[redacted]04A
[redacted]2)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP - 8 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July, Aug. 195 3 Docket No. DMEA 3030 Contract No. IDME 565
Operator's Name Hardy Calvin Cable Minerals Mica
Address Hazelwood, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
~~Crosscutting~~ Rehabilitating Adit	Ft	1040.00	130	1040.00	130	8.00	130	8.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Excavating hoist station and								
Trenching Concr.								
Test Pits ~~Sand~~ floor		510.00	1	510.00	1	510.00	1	510.00
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1550.00		1550.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1550.00		1550.00				

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

Date Sept. 3, 1953 Operator Hardy Calvin Cable
Per Lula Cable Title Owner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 2 1953
IMEA
IDMA

Mr. Anderson

[illegible]

[illegible]-3030 [illegible]-3035 (Misc) [illegible] (Mr. [illegible]) [illegible]

[illegible] Hardy Alvin Cable, Hazelwood, [illegible] Mine.

([illegible]) [illegible] 7.7 miles [illegible] of Ravalli, [illegible] County, [illegible] [illegible] end of the Ravalli-Jefferson County line in Ravalli County, [illegible]

Rehabilitation of the existing adit has been completed for a total distance of 100 feet. The adit was enlarged to 5' x 7' in cross-section and was timbered where necessary. More extensive timbering was necessary at the portal because of weathered material nearest it. It was suggested that additional timbering be accomplished after enlargement of the adit was completed. [illegible] inspection [illegible] for stulls at intervals where extreme weathering had taken place.

The erection of a hoist station has been completed. No changes were being made in the head frame because a different hoist, from that originally intended, has been procured. About [illegible] feet of wire has been sunk to date.

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

[illegible], Geologist
[illegible] Geological Survey

September 22, 1953

Mr. Anderson
9-28-53
600

MONTHLY REPORT

MRA-3030 Idm-1585 (mica) TURKEY NOB (BA S [illegible]) LINE

OPERATOR: Hardy Calvin Cable, Barclwood, N. C.

LOCATION: 7.7 miles N 36° W of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, N. C.

Rehabilitation of this existing adit and excavation of a timber hoist station is nearing completion. Construction of a head-frame is also nearing completion, with the exception of a few minor revisions and additions, which can be completed easily in two shifts. Winze sinking has just begun with 4-5 feet accomplished. Material removed has consisted principally of muck and weathered mica schist.

Progress on this contract is satisfactory.

L. [illegible] Shirley, Mining Engineer
U. S. Bureau of Mines

[illegible] Teague, Geologist
U. S. Geological Survey

September 8, 1953

RECEIVED

INSPECTION REPORT

RFA-5000 Idm-4665 (mica) Turkey Knob (Passmore Mine)

OPERATOR: Hardy Calvin Cable, Haselwood, North Carolina

LOCATION: 7.7 miles N 88° E of Franklin, Macon County, N. C. and just south of the Macon-Jackson County line in Macon County, North Carolina

The starting date on this contract is July 22, 1953. Rehabilitation of an existing 130 feet adit is underway. Some timbering has been accomplished at the portal in the form of stulls and lagging, but additional work was recommended. About 90 feet of rail has been lain from the portal to the dump. Excavation for hoist station and construction of a winze headframe has not begun to date.

Existing buildings and equipment at the mine site consists of a combination tool and bunkhouse, air compressor with attachments, mine car and necessary hand tools. The operator plans to acquire a higher capacity air compressor in the near future. Powder and detonator magazines will be constructed. Progress on this contract is satisfactory.

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

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

August 10, 1953

JUL 9 1953

600

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

Subject: Docket No. DMEA-3030 - Mica
Hardy Calvin Cable
Turkey Nob (Passmore) Mine
Macon County, North Carolina

Dear Mr. Laurence:

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

If the contract meets with your approval, insert the time for starting and completing the work in Article 3 of the contract and present it to the Operator for 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 Bureau of Mines and the Geological Survey are enclosed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

Enclosures 10

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

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

June 15, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3030, Mica, Turkey Knob Mine
Macon County, North Carolina

I concur in the field team's recommendation for an exploration program in the amount of $6,590.

W. F. Dietrich

IN REPLY REFER TO:

DEPARTMENT OF THE INTERIOR G-MD-CNM
Defense Minerals Administration
RECEIVED
JUN 9 1953

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

June 9, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3030 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: Hardy Calvin Cable, Hazelwood, North Carolina.
Name of property: Turkey Knob (Passmore) mine.
Location of property: 7.7 mi. N. 66° E. of Franklin, North Carolina.
Date of field team report: May 29, 1953.
Authorship of field team report: Teague.
Field team's recommendation:

Trim and recondition 130' adit, and install track
Cut room 10' x 10' x 8' where adit hits pegmatite.
Sink 5' x 7' winze on peg. to 45' depth.
Drift 80' from 40' level. $6,590

Comments: None.
ACTION SUGGESTED:

Follow field team's recommendation.

D. M. Larrabee

Larrabee:jeh
G-6/9/53
cc:
Director's reading 4212
Branch " "
DMEA 3
Larrabee G-230

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DMEA-3030, TURKEY KNOB (PASSMORE) MINE (mica)
Franklin, Macon County, North Carolina

Applicant: Hardy Calvin Cable, Hazelwood, N.C.

By

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

May 29, 1953

Reviewed by
DMEA OPERATING COMMITTEE
6-8-53
(date)

Field Examination Report
on
IMEA-3030, TURKEY KNOB (PASSMORE) MINE (mica)
Applicant: Hardy Calvin Cable, Haselwood, N.C.

This deposit appears to have merit for exploration. Recently a small amount of mica was produced from robbing old pillars, but additional exploration is necessary before further mining can be undertaken.

This mine was examined on May 19, 1953. Hardy Calvin Cable accompanied the examiner on the inspection which required three hours.

"The Turkey Knob (Passmore) Mine, which is just south of the Macon-Jackson county line in Macon County, and 0.4 miles northeast of Turkey Knob, is 7.7 miles N. 66° E. of Franklin, N. C. It was worked first by Ed Grindstaff and was last operated in 1937 when Joshua Passamore obtained a large book of mica that was sold for $103. The workings consist of an upper open cut 70 feet long, 5 to 10 feet wide and 10 to 30 feet deep, which is flanked on the northwest by a 12-foot shaft and on the southeast by a second shaft that did not intersect pegmatite. The lower workings include a drift and a stope 50 feet long, which can be entered through a 130-foot adit.

"The country rock, whose foliation in general strikes N. 65° E. and dips 75° NNW., is a garnet-biotite gneiss, which contains a few layers of biotite-muscovite gneisss and some bands of granitic-textured quartz-feldspar rock. The pegmatite dike, which pinches and swells abruptly, ranges in thickness from 3 inches near the center of the stope to 5 feet in the southeastern face of the drift. It strikes N. 70° W. and dips steeply SSW. Well defined zones present locally in the southeastern face of the drift are a thin quartz core. Most of the book mica is associated with the core and a wall zone of quartz, feldspar, biotite, and muscovite. A lustrous black mineral (allanite?) occurs in quartz. The body is said to have contained a pod of massive quartz 1 to 1-1/2 feet

thick in the upper open cut. Because of the absence of a core in the lower northwest face, the general thinning of the body in this direction, and the failure of the southeastern shaft to encounter pegmatite, it seems likely that the body plunges at a moderate or steep angle to the south.

"The general quality of the light reddish brown mica is good. Most of the books are clear and flat, but a few contain minor black specks. Intergrowths with biotite occur in a few books."

The above report on the deposit was taken from an unpublished report by Jahns, U. S. Geological Survey, prepared in 1945.

The mine is accessible by jeep at all times of the year. The area (30 acres) involved in the application is adequate for the proposed project. A new set of Owner's Consent to Lien has been requested from the applicant. Also the attached copy of a letter from the applicant provides the legal description of the property.

As the mine now stands, the 130-foot crosscutting adit is accessible. Most of the pegmatite above the adit level has been mined and an underhand stope has been extended 20 feet to the northwest to a depth of 14 feet lower than the adit level.

The examiner recommends that exploration assistance be granted on this deposit. The work should consist of trimming, reconditioning, placing timber where necessary, and installing track in the 130-foot adit. This is necessary because part of the adit is of small cross section in places, some ground is unsafe, and the floor of the adit is not of uniform grade. In order to provide adequate space for hoist and headframe for winze sinking, it will be necessary to enlarge and timber a room approximately 10' x 10' and 8 feet high at the point where the adit cuts the pegmatite.

After this preparatory work is completed a 5' x 7' winze should be sunk on the pegmatite to a depth of 45 feet. Drifts, not to exceed 80 feet then should be driven on the pegmatite from the 40-foot level.

Estimated Cost:

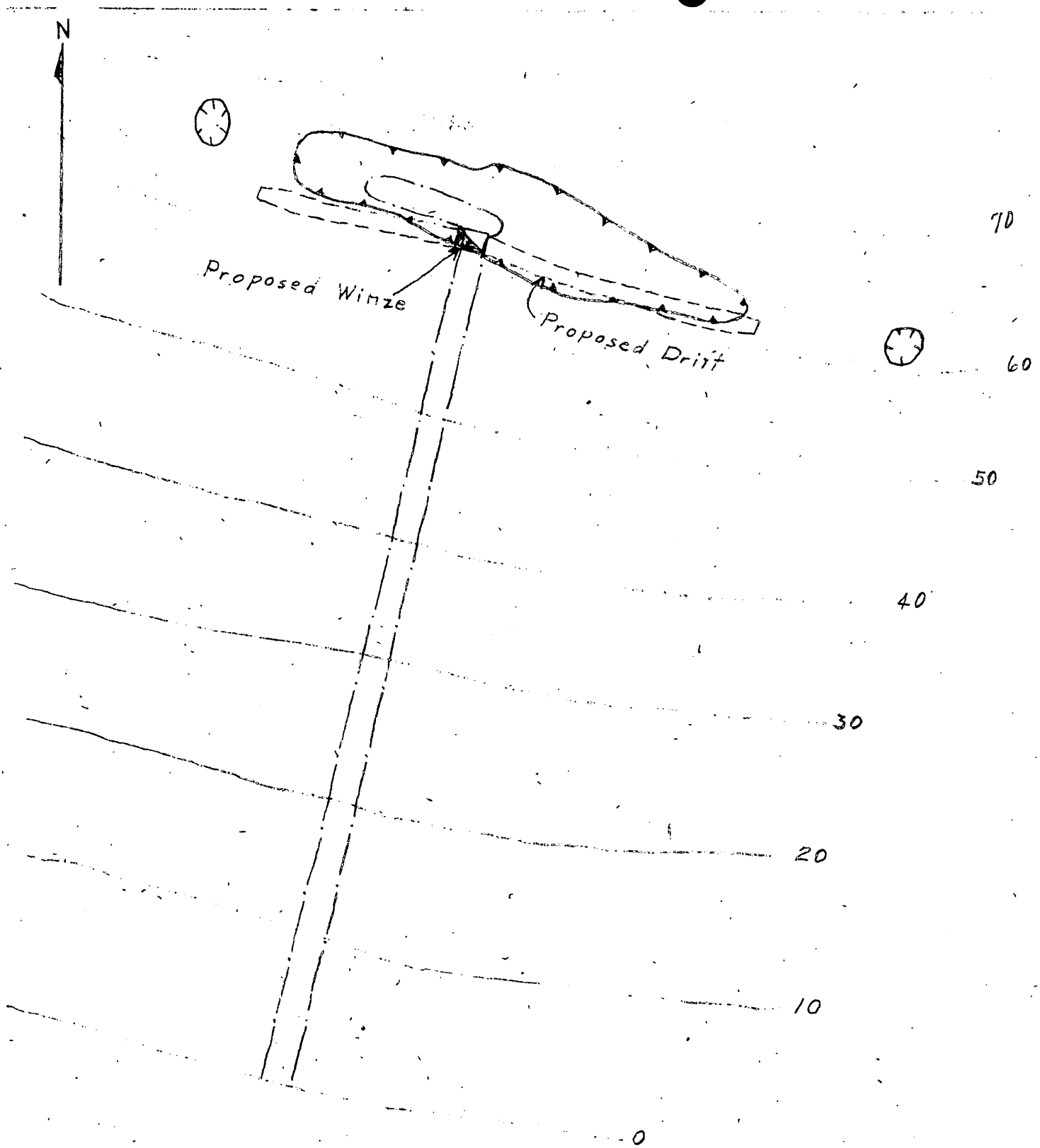
Recondition, trim, timber where necessary 130 feet of adit @ $8.00/ft.	$1,040.00
Prepare space for hoist and construct headframe for winze	500.00
45 feet 5' x 7' winze @ $50.00/ft.	2,250.00
80 feet of drift @ $35.00/ft.	2,800.00
Total Estimated Cost	$6,590.00

Estimated time required - 6 months.

May 26, 1953

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

mg



Sketch of
Turkey Knob (Passmore) Mine
Macon Co., N.C.

0 20' 40
Scale

DMEA-3030(mica)

C O P Y
mg

Hazelwood, N. C.
May 20, 1953

Mr. Kefton H. Teague
Knoxville, Tenn.

Dear Sir:

I have the old deed with all the calls that lay in Macon County. As follows:

Beginning on a double chestnut S. W. corner of the Holbrooks tract, then south 62 E. 10 poles to a chestnut Dills corner. Then north 51 E. 90 poles to a white oak stump corner of Holbrooks and Dills land. Then north 15 poles to a hickory in County line. Then a west course passing a black walnut and an apple tree to a stake and black oak. Then South 50 E 60 poles to beginning.

This does not include the Jackson County tract. The papers for the exploration assistance was only to cover Macon County. Tho if you need the Jackson calls I can gladly furnish them.

Yours truly,

/s/ Hardy Calvin Cable

MAY 2 0 1953

Mr. [illegible]
[illegible],
North Carolina

[illegible]
[illegible]
[illegible] County, North Carolina

Dear Mr. [illegible]

[illegible]

[illegible]

Sincerely yours,

C. O. Mittendorf

Administrator

[illegible]

Copy to [illegible]

MAY 20 1953

Mr. Robert A. Jantzen
Executive Officer, [illegible]
[illegible]
[illegible] Building
[illegible]

Subject: [illegible] - Ice
Harry E. Noble
Anderson Dam
(Survey [illegible])
[illegible] County, North Carolina

Dear Mr. Jantzen:

[illegible] budget [illegible]
time.

[illegible] Director's [illegible] all interest [illegible] before.

If project is [illegible], a [illegible] of the [illegible] report, [illegible] will [illegible] if recommended [illegible] certain [illegible] with it.

Sincerely yours,

W. S. Martin

ACTING Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of [illegible]

A. R. Kinkel, Jr.

Member, Geological Survey

Enclosures 4

Schettler:fla 5/19/53
Copy to Under. S. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Zerrlaes, (-232, Sub Bldg.
Mr. Louk