UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (or cancelled) without certification. DMEA No. 1720 X

This is the official contract file containing all official records of the project. Duplicate material has been removed. The records contained in the files are checked and are arranged in this manner:

Left Side

Certificate of Audit (Final).

Interim Audit(s).

✓ Report of Review.

Termination Notice or Agreement.

Recision Notice.

Assignment of Contract.

Contract Amendments (latest on top).

✓ Contract with all exhibits and annexes.

Owner's Consent to Lien.

Subordination Agreement.

Leases and assignments of leases.

✓ Application and attachments.

Schedule of Collections.

✓ Operator's monthly reports and all attachments (latest on top).

Right Side

Project summary.

✓ Work completed analysis.

✓ All other material is filed in chronological order with correspondence including the following reports as checked:

✓ Final Field Team Report. (Tab)

✓ Operator's Final Report.

Interim Reports.

✓ On-site Exam Report(s). (Tab)

Settlement Sheets.

If additional folders are required because of volume of records, show folder numbers and contents below:

Maps in folder number _____

Operator's Monthly Reports in folder number _____

CC
Reviewer's Initials

7973

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

E. H. Zachary

Franklin, North Carolina

pertaining to Exploration Project Contract No. Idm-E125, Docket No. DMA-1720X, for the period of September 1, 1951 to October 30, 1951.

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, consultation with the Government representative who visited and examined the project, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of an audit of the Operator's accounts and records for the following reasons:

(a) the administrative cost to the Government of an audit would be excessive in relation to value of the contract or the estimated amount of possible disallowances thereunder;
(b) the Monthly Reports were supported by documentary proof of the costs incurred under the contract (partially);
(c) considerable portion ($290) of costs covers bulldozing at standard rates.

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

Total cost as billed by Contractor		$ 1,183.49
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$ 1,183.49

The contract calls for a 90 per cent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of One thousand sixty-five Dollars and 14/100

-$1,065.14 -

is considered valid and proper.

Date: JUN 24 1952

E. D. Talbert

MF-200
(June 1951)

Docket No. DMA 1720x
Commodity Strategic Mica
Idm-E125

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

It is agreed this 24th day of August, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and[2] E. H. Zachary
Franklin, North Carolina

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of North Carolina, County of Macon described as follows:[3] Lands as described in deed from Edith and Baze Tallent to E. H. Zachary, and recorded in Deed Book J-5 of Macon County, page 587; and deed from Maude Potts to E. H. Zachary, recorded in Book E-5, page 40, both containing 13½ acres, more or less.

with respect to which the Operator represents and undertakes:[4]

(*a*) That he is the sole 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: None

~~(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.~~

3. *Exploration project.* The Operator, within thirty (30) days from the date of this contract shall commence work on a project of exploration for[5] strategic mica; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of[6] three (3) months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. 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.

5. *Fixtures and improvements.* 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. Any additional facilities, buildings, and fixtures to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute currently its agreed pro rata share, are listed in Exhibit "A" attached hereto. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro rata share.

6. *Operating equipment.* Any operating equipment to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or depreciation, as the case may be, is listed under appropriate headings in Exhibit "A" attached hereto. As to equipment purchased for the project, the Government will contribute its agreed pro rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro rata share.

[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.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

RECEIVED
CONTRACT SERV. SECT.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* An itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project is set forth in Exhibit "A" attached hereto.

9. *Rehabilitation and repairs.* A statement of the cost of any necessary rehabilitation or repairs to put existing facilities, buildings, installations, and fixtures into useful and operable condition and which are to be allowed as costs of the project is included in Exhibit "A."

10. *Allowable costs of the project.* The costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, analytical work, accounting, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in this contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, taxes, or any other indirect costs not expressly allowed by these provisions, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, 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.

12. *Progress reports.* The Operator shall provide the Government with monthly reports of work performed under the contract upon forms to be provided by the Government. Each monthly progress report shall bear the certification of the Operator and shall constitute the Operator's invoice of costs incurred on the project during the period covered by the report.

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 90 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $ 2,434.50, which is 90 percent of the agreed estimated total cost of this project, $ 2,705.00.

14. *Final reports by Operator.* Upon completion of the project or termination of this contract, the Operator shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

15. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter, shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent for each additional full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the mineral deposit which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

16. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

17. *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 worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in sextuplicate the day and year first above written.

E. H. Zachary
(Operator)

By E. H. Zachary

THE UNITED STATES OF AMERICA

By C O Mittendorf

Director,
Production Expansion Division
Defense Minerals Administration

U. S. GOVERNMENT PRINTING OFFICE 16—64060-2

Exhibit "A" Exploration Project

The exploration program to consist of three prospect shafts and two bulldozer trenches for the purpose of exploration for strategic mica. The program is to be divided into two stages with Stage B to be undertaken only upon satisfactory completion of Stage A and recommendation of Field Team of DMA that the additional work of Stage B is justified. Location of all work to be mutually agreeable to operator and Field Team of DMA and is illustrated on attached map.

Stage A.

To consist of a 50 foot prospect shaft at "locality 1" and two bulldozer trenches about 40 feet long by 15 feet wide and maximum depth of 10 feet. One trench to be at "locality 2" and the other at "locality 3". Estimated costs of Stage A are as follows:

Bulldozer, 25 hours @ $12.00 per hour	$ 300.00
Pump rental, 15 days @ $2 per day	30.00
Timber	100.00
Supplies and small tools	200.00
3 Laborers, $1.00 per hour for 480 hours	480.00
1 Supervisor, $1.50 per hour for 160 hours	240.00
Total for Stage A	$1350.00

Stage B.

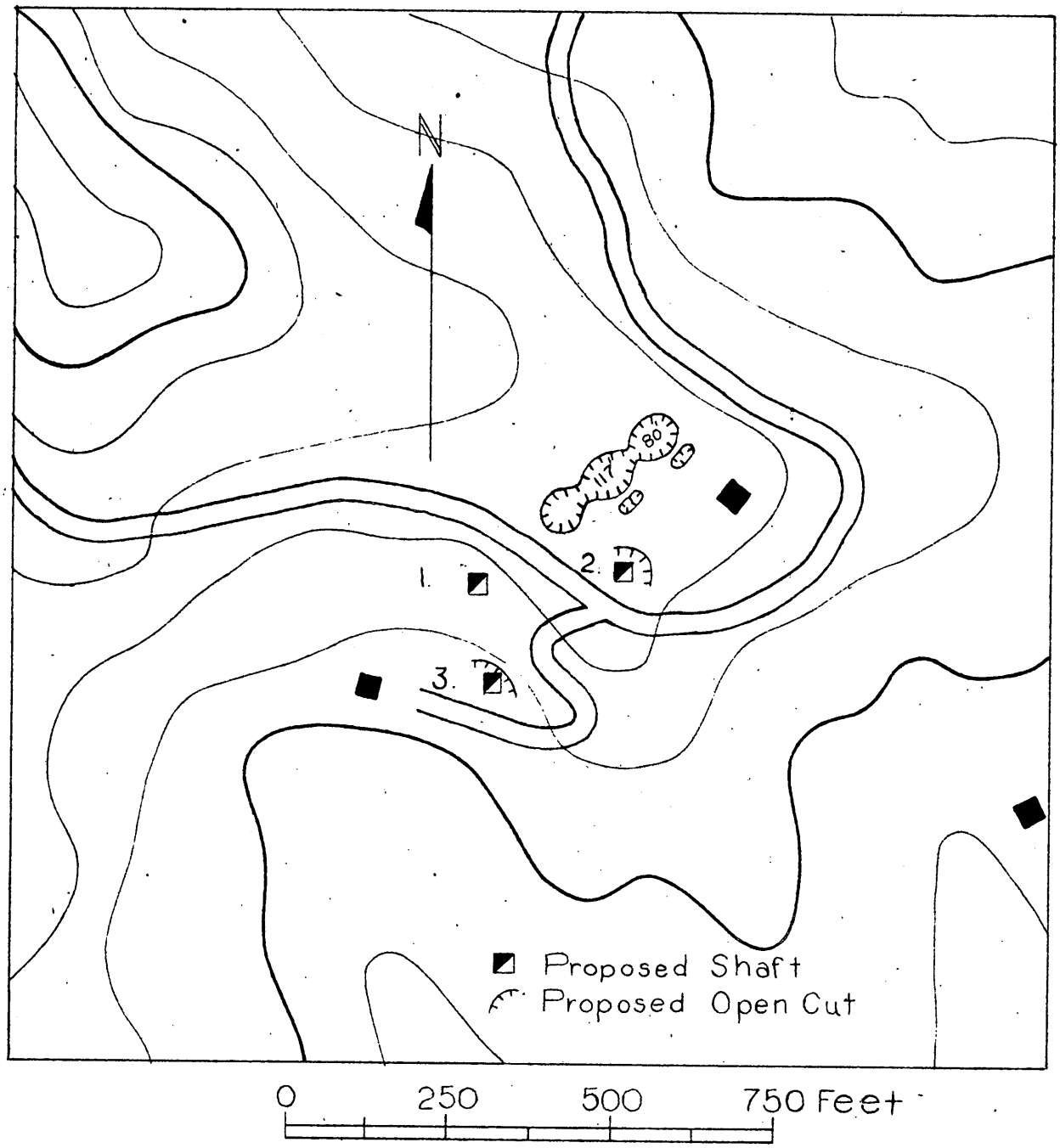
To consist of a 50 foot prospect shaft at "locality 2" and a 25 foot prospect shaft at "locality 3". Estimated costs of Stage B are as follows:

Timber for shaft	$ 150.00
Sump Pump rental, 25 days @ $2.00	50.00
Miscellaneous supplies and tools	75.00
3 laborers, $1.00 per hour for 720 hours	720.00
1 supervisor, $1.50 per hour for 240 hours	360.00
Total for Stage B	$1355.00

Total for Stage A and Stage B $2705.00

A bulldozer is to be rented at a cost of $12.00 per hour which includes operator, supplies, maintenance and repairs and is allowable to a maximum of $300.00 for the project.

Rental of a sump-pump at $2.00 per day is allowable as required for the project to a maximum of $80.00.



Proposed Prospecting Zackery Mine
Docket No. 1720X

Form MF-103
(April 1951)

U[redacted] DEPARTMENT OF THE INTER[redacted]R
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1720X

Date received 6/20/51

Participation

E. H. ZACHARY
FRANKLIN
NORTH CAROLINA

Name and address of applicant

Date JUNE 6, 1951

FILL IN THIS BLOCK

Date of application JUNE 6, 1951

Estimated cost $ 14,020.00

Mineral or metal STRATEGIC MICA

Percentage of Government participation 90%

Location of mine 1¼ miles Northwest of FRANKLIN, N. C.

Date of filing MF-100 JUNE 6, 1951

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

(Name of company)	By E. H. Zachary (Signature of authorized official)
JUNE 6, 1951 (Date)	Owner (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

FORM MF-103 E. H. ZACHARY FRANKLIN, NORTH CAROLINA

THE APPLICANT:

1. Individual.

4. Applicant is 65 years old and has been mining 40 years. He will manage the project.

5. Owner.

6. No liens or encumbrances against property.

9. Ten percent; sufficient in accordance with Government participation on strategic mica (Section 9 of MO-5)

THE PROPERTY:

10. Description of the real property and legal description of the area are the same:

    Lands as described in deed from Edith and Baze Tallent to Applicant, and recorded in Deed Book J-5 of Macon County, page 587; and deed from Maude Potts to Applicant, recorded in Book E-5, Page 40, both containing 13½ acres, more or less.

11. Name of mine: Zachary Mine.

12. Property is located 3/4 mile West of Franklin, N. C. (Railroad shipping point), on State Highway #64 to Wilkie Street; thence North ½ mile on County road.

13. Sufficient water on property for all requirements. No power required.

14. There are suitable buildings on property but no equipment.

15. Mica (sheet and punch) will be processed and sheeted on property and shipped from Franklin, N. C.

16. (a) Previous working was done for clay; when scrap mica was found this work stopped.

    (b) Important neighboring properties, all within this same mica lead, include Allman Cove (½mile North), Beard Cove (1 mile West), Moore Mines (1 mile N ortheast); all were operated under Colonial Mica Corporation during World War II.

17. Mine is not in production.

18. Not applicable.

FORM MF-103 E. H. ZACHARY FRANKLIN, NORTH CAROLINA

THE EXPLORATION:

21. Applicant will bulldoze off overburden (100' x 200') and sink a shaft 125' into vein. Will be done in 40 days with two shifts. Estimates, when exploratory work is completed, the mine will produce approximately 1,000 lbs. of mica per day: resulting in 400 lbs. of sheet and punch.

THE ESTIMATED REQUIREMENTS AND COSTS:

23.

	EACH DAILY	40 DAYS
(a) LABOR:		
2 Miners	$ 12.00	$ 960.00
2 Drillers	12.00	960.00
2 Hoist Men	10.00	800.00
4 Laborers	8.00	1,280.00
(b) SUPERVISORS:		
1 Superintendent	20.00	800.00
1 Bookeeper	8.00	320.00
(e) EQUIPMENT:		
1 Air Compressor (125cfm)		3,170.00
100' Air Hose		100.00
100' Discharge Hose		100.00
2 Jackhammer Drills		690.00
2 Hammer Hose		100.00
1 Sump Pump		650.00
Hoist (Single drum)		1,150.00
Steel & Small Tools		800.00
Shafting Timber		500.00
(f) BULLDOZER WORK		1,000.00
(h) MATERIALS & SUPPLIES:		
Powder, Fuse, Exploders, etc.	(10.00 day)	400.00
Gasoline & Oil	($6.00 per day)	240.00
TOTAL REQUIREMENTS		$ 14,020.00

Memorandum:

To: Director, Production Expansion Division
Defense Minerals Administration

From: Director, Supply Division
Defense Minerals Administration

Subject: Recommendation for Contract Approval

Name of Applicant: E. H. Zachary
Franklin, North Carolina

DMA No. DMA-1720X

Commodity: Mica

Amount Requested: $ 14,020.00

Amount Approved: $ 2,705.00

Government Participation: 90 % $ 2,434.50

Tom Lyon

Tom Lyon

Recommendation

1. That an Exploration Aid Contract be granted in the amount of $2,705.00, Government participation 90%, in accordance with Exhibits attached.

2. That the project be authorized in two stages; Stage "A" and Stage "B".

   Stage "A" to be authorized on signing of contract. Stage "B" to be undertaken upon satisfactory completion of Stage "A" and recommendation of Field Team that such additional work is justified.

3. That applicant be allowed 30 days time after signing of contract to begin work.

DMA-1720X

Exhibit "A"

Description of work:

Stage "A": - Will consist of a 50' deep prospect shaft and two bulldozer trenches, each about 40' long, approximately 15' wide and to a maximum depth of 10'. Location of shaft and tranches are indicated on attached map.

The shaft will be any convenient size mutually agreeable to operator and Field Team. Timbering and pumping will be required. Hoisting will be by hand operated hoist. Allowable cost $1,350.00, time limit - 2 months.

Recapitulation of Costs:

Bulldozing by contract -(hourly rate)			
25 hours	@	$12.00 per hour	$ 300.00
50' Shafting	@	21.00 per foot	1,050.00
			$ 1,350.00

Stage "B": - Will consist of two prospect shafts to depth of 50' and 25' respectively, at location indicated on attached map. Allowable cost $1,355.00, time limit - 2 months.

Recapitulation of Costs:

75' Shafting @ $18.066 per foot	$1,355.00
Total A & B	$2,705.00

Requirements and Costs

Stage "A"

1. Equipment & Supplies:

Bulldozer contracted on hourly rate, complete with operator, fuel, etc. 25 hours @ $12.00	$ 300.00	
Sump pump rental 15 days @ $2.00	30.00	
Timber	100.00	
Misc. supplies, tools, rope, etc.	200.00	
Total	$ 630.00	$ 630.00

2. Labor and supervision:

1 Supervisor - 20 days @ $12.00	240.00	
3 Laborers (each) 20 days @ $8.00	480.00	
	$ 720.00	720.00

Total Stage "A" $1350.00

Stage "B"

1. Equipment and supplies:

Sump pump rental 25 days @ $2.00	50.00
Timber	150.00
Misc. Supplies	75.00
	$ 275.00

2. Labor and supervision:

1 Supervisor 30 days @ $12.00	360.00
3 Laborers (each) 30 days @ $8.00	720.00
	1,080.00
Total Stage "B"	1,355.00

Contract total "A" and "B" $2705.00**

DMEA - 1720X

APPROVED

E. H. Zackary, Franklin, North Carolina

On June 6, 1951 applied for $ 14,020.00

Contract dated August 24, 1951 for $ 2,705.00

Government participation 90%. 2,434.50

Terminated by Field Team October 30, 1951

No strategic mica encountered or indicated

Balance Government's share $ 1,369.36

~~No expenditures in Docket~~

IMEA - 1720X

E. H. Zackary, Franklin, North Carolina

Contract.....$2,705.00

Government participation..... 2,434.50

Total cost.....$ 1,183.49

Government's share..... 1,065.14

Applicant's share.....$ 118.35

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

July 19, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 3 1951

E. H. Zachary
Franklin, North Carolina

We cannot take final action on your application for serial number for the reason(s) checked below:

__ 1. You have not submitted four copies of MF-100 as requested. We are returning your original submission, together with _____ copies of MF-100 for your use in submitting a complete application.

__ 2. Certification unsigned by authorized official.

__ 3. Question(s) _____ of MF-100 not completely answered.

__ 4. Please indicate kind and quantity of product mined or processed during 1948, 1949 and 1950, and present monthly average.

__ 5. Your operation exceeds limitations for "Small Producer" as set forth in Sec. 5 of MO-7. We enclose a set of Form MF-100 for your use in making proper application.

__ 6. Your letter application does not give all the information requested in Sec. 5 of MO-7, copy of which is enclosed.

__ 7. Your letter indicates your operations would class you as a "Producer" as defined in Sec. 2 of MO-7. If you will need any priorities assistance, it would be well to file application for a serial number.

✓ 8. Not in operation. Please resubmit when operation is resumed and priorities assistance is required.

__ 9. This office will appreciate it if you will break down your operations by states, filing a separate application for your operations in each state. Metallic and non-metallic mines should not be grouped under one application. _____ additional sets of MF-100 are enclosed for your use in making this breakdown.

Any reply to this request should be addressed to:

Defense Minerals Administration
Requirements Division -- MO-7
New Interior Building
Washington 25, D. C.

99310

Form MF-100
(March 1951)

DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-1720

Date received 8/3/51

E. H. ZACHARY
FRANKLIN
NORTH CAROLINA

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 3 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 20 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date JUNE 6, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) ~~Necessity Certificate under Section 124 of the Internal Revenue Code (Amortization Deduction)~~, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Strategic Mica
   (*b*) What are the byproducts, if any? Feldspar
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 1¼ miles Northwest of Franklin, N.C.
   (*b*) Mining district. Franklin, N. C.
   (*c*) Township, Section, Range. Franklin, N. C.
   (*d*) County, State. Macon County, N. C.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production .....

   If not in production or operation, estimated date when production will begin .....
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production: Operation has not started.

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than plac

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor: Operation has not started.

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

(Name of company)

By E. H. Zachary
(Signature of authorized official)

JUNE 6, 1951
(Date)

OWNER
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 125

Address mail to:
P. O. Box 336, Franklin, N. C.

Name of Operator E. H. ZACHARY
Docket No. DMA 1720X
Total Contract Amount $ 2,705.00
Government Participation: 90 % Amount, $ 2,434.50
Distribution of Expenditures for Month of OCTOBER 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 3 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

E. H. ZACHARY
(Name of Company)

By E. H. Zachary
(Signature of Authorized Official)

11/3/51
(Date)

Owner
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
(b) Rented[2]	$290.00	/	$290.00	$290.00		$290.00
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

MF-104 E. H. ZACHARY P.O. BOX 336 FRANKLIN, N.C. 11/3/51

PROGRESS REPORT - OCTOBER 1951 NARRATIVE

Work was continued in accordance with contract - both State "A" and Stage "B" - and under supervision of Field Team; however, same was stopped by Field Team about October 30, 1951.

- - - - -

PAYROLL RECORD, ETC.

Per Advice to telephone from Beck SW

DOZER RENTAL -	Howard Stewart, Franklin, N. C. 29 hours @ $10.00		$ 290.00
TIMBER -	Louis Moses - Lumber	17.50	
	H. Sanders "	26.65	44.15
SUPPLIES -	Franklin Hardware Co.		
	Boots, Picks, Shovels, etc.	14.45	
	H. Sanders		
	Mining Bucket	5.50	19.95
LABOR:			
	Supervisor - E. H. Zachary 7 days @ $12.00 per day	84.00	84.00
	Laborers:		
	Ivy Crisp 237-10-3101 12 hrs. @ $1.00 per hour	12.00	
	Leslie Young 245-16-9005 69 hrs. @ $1.00 per hour	69.00	
	Henry Sanders 69 hrs. @ $1.00 per hour	69.00	
	A. A. Duvall 69 hrs. @ $1.00 per hour	69.00	219.00
MISC. EXPENSES:			
	Payroll taxes	3.27	
	Bookeeping, preparing forms, reports, etc. (charges of F. T. Sierema)	70.00	73.27

- - - - -

MONTH[illegible] SUMMARY COST STATEMENT—C[illegible]nued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	219.00	176.00	395.00	219.00	176.00	395.00
5. Supervision	~~126.00~~ 84.-	162.00	~~285.00~~ 246.00	84.00	162.00	246.00
6. Supplies						
(a) Timber	44.15			44.15	41.36	85.51
(b) Explosives						
(c) Repair Parts		115.12	179.22		12.00	12.00
(d) Other TOOLS, ETC.	19.95			19.95	61.76	81.71
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work	~~290.00~~	~~[illegible]~~	~~290.00~~			
11. Other (specify)						
OFFICE-PAYROLL						
TAXES, ETC.	~~75.00~~ 73.27	-	~~75.00~~ 73.27	73.27		73.27
Total	~~774.10~~ 730.37			730.37	453.12	1183.49
Deletions						
Adjusted totals						
Totals previously reported		453.12				
Totals to date			~~1227.22~~ 1183.49	730.37	453.12	1183.49

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by C. L. Peyton
Entered by C. L. P.
Approved by W. A. Beck
Amount approved for payment $657.33
Remarks Project completed 10/30/51
Last and final Payment
WAB

16—64068-3

Cop

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF October

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching	303.- ~~345.-~~	290.-	64.10	73.27 ~~75.-~~	730.37 ~~774.10~~	CU.FT.	11400	-	11400	12000
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	303.- ~~345.-~~	290.-	64.10	73.27 ~~75.-~~	730.37 ~~774.10~~					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

MF-104
(August 1951)

#1

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 125

Name of Operator E. H. ZACHARY
Docket No. DMA 1720X
Total Contract Amount $ 2,705.00
Government Participation: 90 % Amount, $ 2,434.50
Distribution of Expenditures for Month of September 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

(Name of Company)

By E. H. Zachary
(Signature of Authorized Official)

Oct. 2, 1951
(Date)

(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

30/2/51 E. H. ZACHARY FRANKLIN, N. C.

SEPTEMBER PROGRESS REPORT CONTRACT NO. Idm-E-125 DOCKET NO. DMA 1720X

NARRATIVE

STAGE A: In accordance with contract, prospect shaft has been started at "Locality 1". It is 5 feet square and to a depth of 30 feet. Work is being continued down to approximately 50 feet. Water has not yet been encountered. Bulldozer trenches will be made in October.

- - - - -

INVOICES: AMMON BROS., Franklin, N.C.		
TIMBER - 2068' @ $20.00M	$ 41.36	
L. B. ROPER, Franklin, N.C.		
TIMBER HAULING	12.00	$ 53.36
FRANKLIN HARDWARE CO., Franklin, N.C.		
Inv. 5761 & 5990 SUPPLIES & SMALL TOOLS	61.76	61.76

(Invoices attached to original report)

PAYROLL RECORD

LABORERS:

Arthur A. Duvall	SS215-05-9101 13½ days @ ~~$x00~~ $8.00 per day	108.00	
Henry Sanders	SS242-12-0042 4 days @ $8.00 per day	32.00	
Lesley Young	SS245-16-9005 4½ days @ $8.00 per day	36.00	176.00
SUPERVISOR:			
E. H. Zachary	SS243-30-5789 13½ days @ $12.00 per day	162.00	162.00
	TOTAL EXPENDITURES @ SEPTEMBER		$ 453.12

- - - - - -

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	176.00		176.00			
5. Supervision	162.00		162.00			
6. Supplies						
(a) Timber	41.36		41.36			
(b) Explosives						
(c) Repair Parts						
(d) Other	61.76		61.76			
7. Power						
8. Transportation	12.00	Having	12.00			
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Total	453.12		453.12			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date	453.12		453.12			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by A. L. Peyton
Entered by A. L. Peyton by WAB
Approved by W. A. Beck
Amount approved for payment
Remarks

16—64068-3

Cals

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF SEPTEMBER

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts	338.00		61.76	53.36	453.12	CU. FT.	750	—	750	3125
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching						CU. FT.	—	—	—	6000
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	338.00		61.76	53.36	453.12					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

☑ Audited P.P. 6-24-54 [redacted] ANALYSIS SHEET - DMEA PROJECT [redacted] ☑ Actual Cost

☐ Certified Analysis as of 12-2-54 ☐ Agreed Unit Costs
Incl. Voucher for

Name E. H. Zachary Docket No. 1720

State N. C. Commodity Mica Idn-E No. 125

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting					
Raising					
Shafts	125	1955.00	54	453.12	453.12
Winzes					
Drilling (Specify)					
Surface Excavation		750		730.37	730.37
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		2705.00		1183.49	1183.49

Prepared by L. G. H.

COPY

March 4, 1955

Memorandum

To: Mr. Jay L. Chambers

From: Lawrence G. Houk (initialed) L. G. H.

Subject: Closing dockets

The Nonmetallic Minerals Division have reviewed the following contracts and do not intend to make certifications of discovery or development:

Idm-E52	DMEA-1212	Idm-E	DMEA-
40	1213	217	1969
13	1679	244	1955
73	519	253	2134
74	1390	257	2077
78	1664	272	2360
93	812B	288	2344
97	1224	324	2255
121	1517	344	2156
124	1318	373	2439
125	1720	411	2528
129	1665	430	2524
134	1732	433	2620
140	1813	444	2646
179	1122	450	2681
180	1250	480	2725
191	1914	497	2778
195	1812	507	2840
198	1929	518	2785
211	1721	524	2909
216	2104	543	2950
		565	3030

OFFICE OF THE ADMINISTRATOR

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

Room 13, Post Office Building
Knoxville, Tennessee

20 Cons rel 9/51 endorsed
Considered 12/19/51 [illegible]

December 13, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 14 1951

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee

From: Field Team, DMEA Region VII

Subject: DMA-1720X, Idn-E125, E. H. Zachary. Final Report

Enclosed are 4 copies each of the Operator's final report and our final report, on the subject contract.

No commercial discovery has been made.

Robert A. Laurence

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

Wm. A. Beck

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

One copy of Operator's final report to Contract Administration and to Nonmetallics Div.
XXXX 1/10/52 - bl.

Reviewed by
DMEA OPERATING COMMITTEE
12/12/51 NB
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1[illegible] 1951

FINAL
FL2 T.M. REP.

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT

on
DMA-1720K, Idm-E 125- Zachary Mine (mica)
Franklin, Macon County, N. C.

By

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

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

December 12, 1951

FINAL REPORT

DMA-1720X, Idm-E 125- Zachary Mine
Franklin, Macon County, N. C.

This project was terminated by the Field Team on October 30, 1951 because results to that date had failed to indicate the presence of a worthwhile deposit of strategic mica. At the time the project was terminated "Stage A" of the exploration had been completed.

In "Stage A" the shaft at Location 1, on the attached map, was sunk to a depth of 54 feet. Water was encountered at the 45 foot level. The shaft was timbered from the collar to the bottom. It was sunk in completely weathered pegmatite and waste. No mica was found in this opening, although the pegmatite is about 12 feet thick.

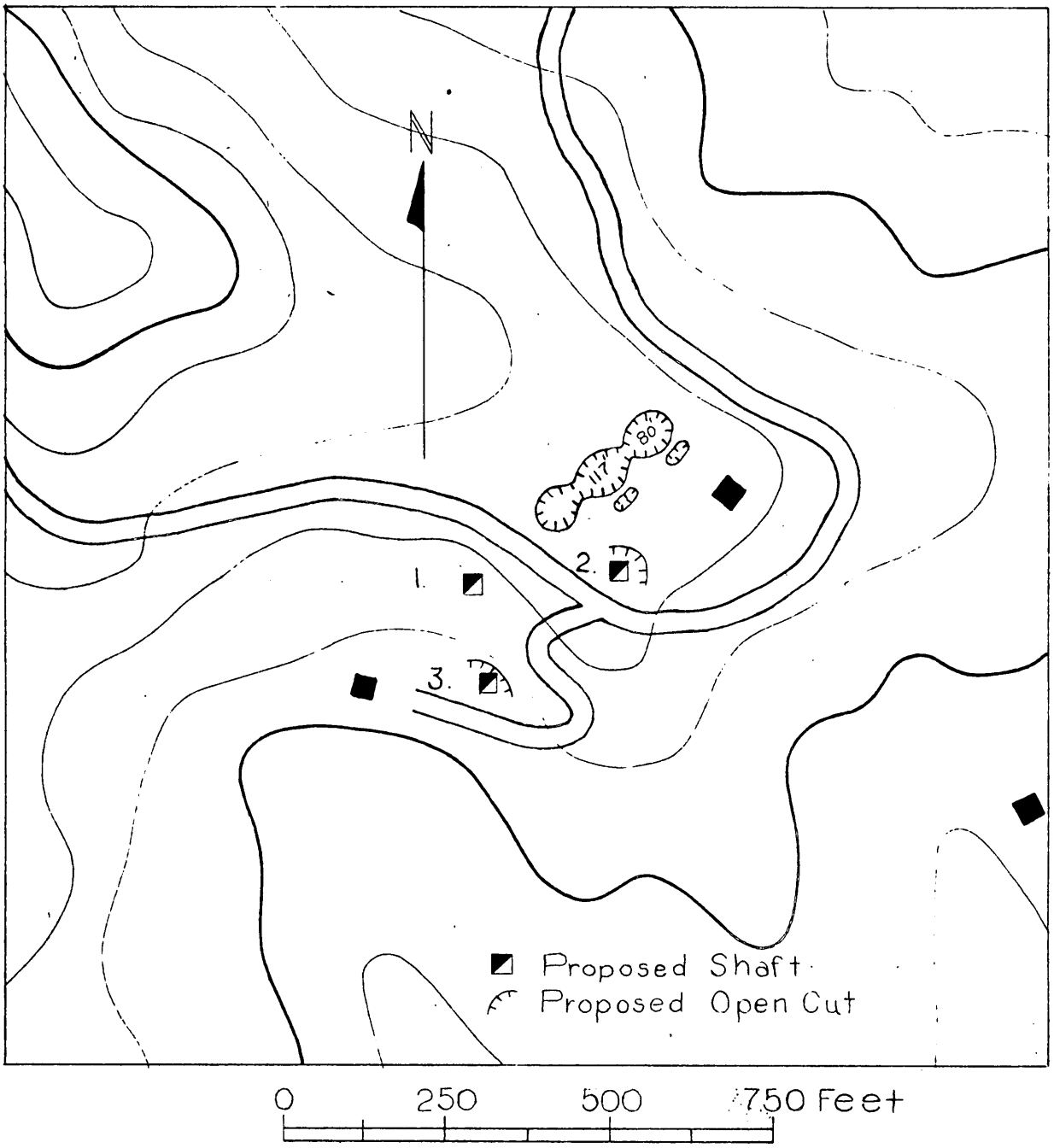
At Locations 2 and 3, bulldozer trenches about 40 feet long and 8 feet deep were dug in pegmatite. At Location 3, the trench exposes a 12 foot pegmatite. A 4-foot medial quartz core is surrounded by weathered feldspathic pegmatite which contains a little scrap mica. No mica in sizes large enough to trim pattern mica was found. At Location 2 a pegmatite similar to that exposed at location 3 was exposed. No mica was found here.

December 12, 1951

A. L. Peyton, USBM

K.H. Teague, USGS

zm.



Proposed Prospecting Zackery Mine
Docket No. 1720X

DOCKET NO. DMA-1720X - Idm-E125

E. H. ZACHARY - EXPLORATION CONTRACT

GEOLOGIC & ENGINEERING REPORT

PROJECT WAS TERMINATED ON OCTOBER 30, 1951.

RESULTS:

"A" PROJECT

Sunk shaft 50 feet but did not continue below old workings.

"B" PROJECT

Bulldozed in two (2) spots; 10 feet on one and 20 feet on other.

No strategic mica of value was uncovered and there are no signs of commercial ore bodies apparent, after exploration, at either of these two projects.

E. H. ZACHARY

11/21/51.

By Frank Siersma Atty

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

Room 13, Post Office Building
Knoxville, Tennessee

November 15, 1951

Mr. E. H. Zachary
P.O. Box 336
Franklin, North Carolina

Re: DMA-1720X, Idm-E 125
E. H. Zachary-Franklin, N.C.

Dear Mr. Zachary:

On October 30, 1951 the DMA Field Team examined the mica deposit covered by Exploration Contract Number DMA-1720X, Idm-E-125. Exploration to date has not indicated the probability of making a worthwhile discovery, therefore, no further expenditure of funds under this contract is justified.

This letter is to notify you, as required in Section 17 of contract, that the contract is hereby terminated effective at the end of the working day October 30, 1951, date of verbal notification in the field.

Sincerely yours,

Kefton H. Teague, Acting for
Robert A. Laurence, Executive Officer
DMA Field Team, Region VII

KHT/mm
cc:
Beck
Lynch
Lyon
Files

FILE COPY
SURNAME:

Mittendorf

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

SEP 14 1951

A. E. C.

Contract Service Section
General Accounting Office
Washington 25, D. C.

Re: Docket DMA 1720X
Exploration Project Contract
Idm-E125
E. H. Zachary
Franklin, North Carolina

Gentlemen:

Enclosed for recording in your office is the original, signed copy of an Exploration Project Contract executed between the operator named in the above reference and the Government of the United States.

Sincerely yours,

C. O. Mittendorf (J. K.)

C. O. Mittendorf, Director
Production Expansion Division

JF 9/14

Enclosure-1

DEMoulds/bjs
9/10/51
cc to: Adm. Reading File
Reports & Records
Mr. Mittendorf, Mr. Olund
Mr. Moulds
Docket

Mr. Howard

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

Room 13, Post Office Building
Knoxville, Tennessee

September 6, 1951

Mr. C. O. Mittendorf, Director
Production Expansion Division
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA-1720K -
Idm-E 125
E. H. Zachary.

Dear Mr. Mittendorf:

Transmitted herewith are four signed copies of subject contract. One copy is retained in our files and one retained by the applicant.

Very truly yours,

Robert A. Laurence

Robert A. Laurence
Executive Officer
DMA Field Team, Region VII

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
SEP 7 2 01 PM '51

400 FILE COPY
SURNAME:

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

Moulds
Mittendorf

Q.E.C.

SEP 5 1951

Mr. Frank T. Siersma, Chairman
Local Mining Committee
Highlands Road at Main Street
Franklin, North Carolina

Re: Docket No. DMA 1720X
E. H. Zachary

Dear Mr. Siersma:

In reply to your letter of August 28, 1951 on the above exploration project, this office executed a contract for the exploration bearing effective date of August 24, 1951 and contract register number Idm-E125.

The contract has been signed by the Government and was transmitted to Mr. Robert A. Laurence, Executive Officer, Region VII, Defense Minerals Administration, Room 13, Post Office Building, Knoxville, Tennessee. Mr. Laurence or a member of his staff will contact Mr. Zachary to obtain his signature and complete the contract.

The Regional Office may have contacted Mr. Zachary prior to your receipt of this letter and, if not, we advise you to correspond directly with Mr. Laurence at the above address.

Sincerely yours,

C. O. Mittendorf (sgd.) BJ 9/5

C. O. Mittendorf, Director
Production Expansion Division

DEMoulds/meh
cc to: Adm. Reading File
Reports and Records
Messrs. Mittendorf, Olund
Mr. Moulds
Region VII (2)
Docket

NATIONAL MINERS' ASSOCIATION

HIGHLANDS RD. AT MAIN ST.

FRANKLIN, NORTH CAROLINA

A CONFEDERATION OF AMERICAN MINERAL MINERS

ANDREW W. REID
CHAIRMAN
BOARD OF DIRECTORS

ROY H. FOUTS
SECRETARY

HARRY PATTON
TREASURER

FRANK SIERSMA
CHAIRMAN LOCAL
MINING COMMITTEE

JUDGE C. M. TRAMMELL
CONSULTANT
717 BARR BUILDING
WASHINGTON 6, D. C.

Mr. Paul A.
DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.
AUG 30 12 01 PM '51

August 28, 1951

DEPARTMENT OF THE INTERIOR
RECEIVED
AUG 31 1951
Defense Minerals Administration,
Production Expansion Division.

Mr. C. O. Mittendorf, Director
Production Expansion Division
Defense Minerals Administration
Washington 25, D. C.

Dear Mr. Mittendorf: Re: DMA No. 1720X

In June we prepared an Exploratory Application for E. H. Zachary of Franklin. It was assigned the above number.

Through some error Forms MF-100 were returned in July, but upon advice from Mr. Strobel they were forwarded to the Supply Division on July 31.

Mr. Zachary has heard nothing further and is desirous of learning the present status of his application. We would appreciate it if you will advise us in connection therewith.

Sincerely yours,

Frank T. Siersma

Frank T. Siersma
Local Mining Committee

FTS:em

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
Room 13, Post Office Building
Knoxville 2, Tennessee

4500

August 30, 1951

Mr. C. O. Mittendorf, Director
Production Expansion Division
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA-1720X - Idm-E125
E. H. Zachary
Franklin, North Carolina

Dear Mr. Mittendorf:

Your letter of August 29 enclosing six copies of contract for subject exploration project has been received.

I note you state contract has been signed for the Government by your office and that contract is to be signed by Mr. Zachary without any changes to its contents. This will be obtained next week.

Sincerely,

Robert A. Laurence

Robert A. Laurence
Executive Officer
Field Team, Region VII

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
SEP 4 2 10 PM '51

400

FILE COPY
SURNAME:

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

Moulds
Mittendorf

AIR MAIL

AUG 29 1951

R.E.C.

Mr. Robert A. Laurence
Executive Officer, Region VII
Room 13 Post Office Building
Knoxville 01, Tennessee

Re: Docket No. DMA-1720X, Miss
E. H. Zachary
Franklin, North Carolina

Dear Mr. Laurence:

Please find herewith six copies of contract for subject exploration project. The contract has been signed for the Government by this office and bears effective date and register number as shown.

The contract is to be signed by Mr. Zachary without any changes to its contents. If any provisions are unsatisfactory, the contract must be returned to this office for re-execution.

After signing the contract, one copy is to be given to the operator and one copy retained for your files. The remaining copies, including the original are to be returned to this office.

The copy required by the Regional Finance Office will be forwarded directly by the Washington Finance Section.

Sincerely yours,

8/29

C. O. Mittendorf (J. W.)

C. O. Mittendorf, Director
Production Expansion Division

Inclosures-6

DEMoulds/jem
8-24-51

APPROVED:

Chairman, Coordinating Committee

Merrill

Member, Bureau of Mines

Thayer

Member, Geological Survey

cc to: Adm. Reading File
Reports & Records
Messrs: Mittendorf-Olund
Moon
Barr
Arundale
Norton
Moulds
Field Team, Region VII
Docket copy

FILE COPY
SURNAME:

140
Guthrie
Hoff
Liebert

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

August 23, 1951

Memorandum

To: Director, Production Expansion Division

From: Acting General Counsel

Subject: E. H. Zachary exploration contract -- Docket No. DMA-1720x

The contract in the captioned case has been reviewed and found to be in satisfactory legal form for execution by the parties.

Your file is returned herewith.

J. L. Hofflund

John G. Liebert, Acting for
J. L. Hofflund, General Counsel

Attachment

RRGuthrie/ema

Copy to: Reports & Record Unit
R. R. Guthrie
J. L. Hofflund
Chron.

FILE COPY
SURNAME:

Barr

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

July 25, 1951

Code 370

Memorandum

To: Chief, Industrial Minerals Branch, DMA

From: Chief, Programming and Planning, DMA

Subject: Docket DMA-1720X
E. H. Zachary
Commodity: Mica
Amount approved: $2,705.00

The prospective available supply of Mica is far short of meeting defense requirements. Consequently, it is highly desirable that exploration for new domestic deposits be stimulated by any reasonable Government assistance to private interests. Any exploration project that holds promise of finding significant new reserves, merits consideration by the Defense Minerals Administration.

A. N. Parsons

JARARR:mp
cc: Reports and Records Unit
Mr. Barr
Mr. Parsons
Mr. Norton
Mr. Mittendorf
DMA Files

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

Room 13, Post Office Building
Knoxville 01, Tennessee

July 19, 1951

Registered Mail

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 20 1951
Executive Secretary

Memorandum

To: Mr. Tom Lyon
Chairman, Coordinating Committee
Defense Minerals Administration

From: Field Team, Region VII

Subject: DMA-1720X, E. H. Zachary

Transmitted herewith are four copies of the report of field examination of the above-designated application, with recommendation for $2705 worth of exploratory work, in two stages. Two extra copies of the map showing this proposed work are enclosed.

We return herewith the original application, and the review.

Robert A. Laurence
Robert A. Laurence
U. S. Geological Survey

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

Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION
REPORT OF EXAMINATION BY FIELD TEAM, REGION VII

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 20 1951
LANDON F. SYMONS
Executive Secretary

DMA-1720X, Zachery Mine
Franklin, Macon County, N. C.

CN-SITE EXAM

By

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

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

July 12, 1951

Report of examination on

DMA-1720X - Zachery Mine, E. H. Zachery

July 12, 1951

This mine is located along the northwestern city limits of Franklin, Macon County, North Carolina, as shown on the Franklin Quadrangle (167-NW).

At least three parallel pegmatites occur in the immediate vicinity of the Zachery home. The northwesternmost pegmatite was worked for clay by the Southern Clay Company in 1910-12. The pegmatite is reported to have been worked to a depth of 117-feet at the deepest place and at this level to have a thickness of 12-feet. There has been no mining on the deposits since 1912 and slumping and caving of the old openings conceal the pegmatite; therefore, its characteristics cannot now be determined.

The old caved workings trend N .53° E, which probably represents the strike of the pegmatites. Since the old shafts were vertical and in pegmatite at their lowest levels, the pegmatites probably have near vertical dips. Thickness of the pegmatites is probably variable. The northwest one is reported to be 12-feet thick at the 117-feet level and the southeast one (at locality 3, attached map) is about 7-feet thick, consisting of a medial quartz core three feet thick and soft decayed pegmatite on both sides of the quartz core. Mica occurs in the pegmatite at "locality 3" along both sides of the quartz core and also adjacent to the biotite gneiss wall rock.

Although the pegmatites at this place have been mined entirely for kaolin, it is reported that considerable block mica was recovered as a by-product. Mr. Zachery reports that certain portions of the pegmatites were not mined for clay because of the high mica content. Weathering in this area has progressed to a depth of probably 150 feet, thus the pegmatites will be soft to at least this depth. Ground water is encountered at the 25-30-foot level, but the flow is reported to be small.

Mica observed around the caved pits and shafts is ruby in color, clear, flat, and splits well. Considerable scrap mica occurs which should

be recovered as a by-product during any mining venture. Books up to six inches across can be found around the openings, but the percentage of block mica in the pegmatites cannot be appraised until the pegmatite is exposed. Since the pegmatites are deeply weathered more or less clay staining will likely be present in the upper 50-75 feet of the pegmatite.

The Field Team believes that these pegmatites warrants some exploration. It is recommended that the prospecting be conducted in two stages: "Stage A" - to consist of a 50-foot prospect shaft at "locality 1" and two bulldozer trenches about 40-feet long by 15-feet wide with a maximum depth of 10 feet, one to be at "locality 2" and the other at "locality 3". "Stage B" - to consist of a 50-foot prospect shaft at "locality 2" and a 25-foot prospect shaft at "locality 3". Whether or not "Stage B" is executed will be determined by results from "Stage A".

Estimated costs of the proposed exploration are as follows:

"Stage A"

1 Bulldozer (contract) @ $12. per hr. for 25 hrs.	$300.
1 Sump pump (rental) for 15 da. @ $2. per da.	30.
Timber	100.
Supplies (picks, shovels, hoists rope,* etc.)	200.

* Mr. Zachary has a hand operated hoist which he plans to use on the project, but a rope will have to be bought.

Labor .....

1 Supervisor @ $1.50 hr. for 20 days	240.
3 Laborers @ $1 per hr. for 20 days	480.
Estimated Cost "Stage A"	$1,350.
Time required 20 shifts	

"Stage B"

Timber	$150.
1 Sump Pump (rental) 25 das. @$2 per day	50.
Labor	
1 Supervisor @ $1.50 per hr. 30 days	360.
3 Laborers @ $1 per hr. 30 days	720.
Supplies	75.
Estimated cost of "State B"	$1355.
Tim e required 30 shifts	
Estimated cost of "Stages A & B"	$2705.00
Estimated time required 50 shifts	

DMA-1720X - Zachery Mine.....

Answer to Questions on "Review of Application for Exploration Assistance."

4- Good possibility for geologic discovery.

8- (a) Labor available

(b) Only hand tools and supplies (pump excepted, which can be rented) will be needed and these can be obtained locally.

(c) Accessibility good.

(d) No water needed for exploration

(e) No power required.

9- Applicant is an experienced miner competent to conduct project.

10- (a) See attached report

(b) " " map

(c) Recommended project is exploration

(d) See attached report

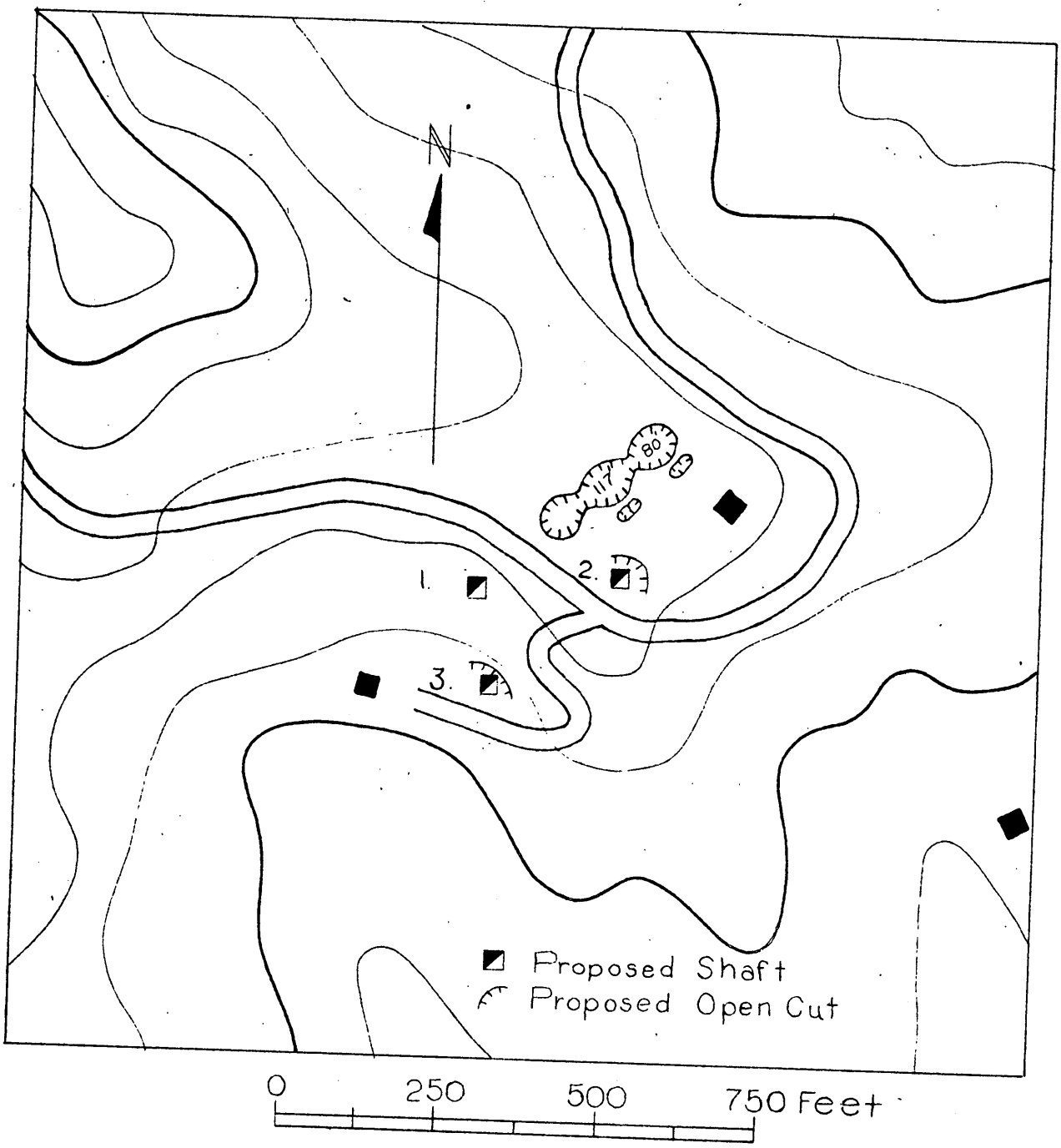
11- Adequate buildings to provide safe storage of equipment are on property and no new structures are needed.

12- See attached report

13- See attached report

14- See attached report

15- As estimated by field team 50 shifts will be required to complete project.



Proposed Prospecting Zackery Mine
Docket No. 1720X

FILE COPY
SURNAME:

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

Barr
McKnight
Rose

JUL 5 1951

a. E.C.

Mr. Zachary
Franklin
North Carolina

not stripped in R.R.

Subject: [illegible]-172A
Strategic Mica

Dear Mr. Zachary:

Your application has been referred to Mr. Robert Laurence, Room 13, Post Office Building, Knoxville, Tennessee, Executive Officer of the Field Team, Region VII, for further information.

Sincerely yours,

Tom Lyon

Tom Lyon, Director
Exp. Div. Division

RWinnas July 3, 1951

cc: Mr. Strobel
Mr. Barr
Field Team Region VII (2)
DMA Files

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1720X

Commodity Strategic mica

Total Amount $14,020.00

Govt. Participation 90%

1. Name and Address of Applicant E H Zachary
Franklin, North Carolina.

2. Location of Property 1¼ miles northwest of
Franklin, Macon County, No. Car.

3. Mineral or metal Strategic Mica Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor No file data on the Zachary

c) None or a corresponding mine. Not enough information

d) Don't know—needs field examination Yes — To field date 6/28/51

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? No - owner

Does the lease have sufficient time to run to cover a future

productive period? ——

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes - will have to be purchased or rented
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes - use gasoline or diesel motors

Is a field check needed on any of these points? Yes

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? Yes

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No.

If not, are there sufficient data given so that you can describe the project? No - merely says will bulldoze overburden + sink shaft 125 ft. into vein If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? As described - Yes.

If not, what part of it is? —

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? None given

f) Should more information be requested from applicant? Yes - by field team

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? No - no buildings proposed

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes - possibly some shelter needed

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes -

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Yes to see if program proper for exploration.

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No - would probably not work 2 shifts + therefore need less labor

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? As described - No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? No - application states there are buildings but no description

c) Reasonable? No work proposed

d) Field check needed? Yes

15. In your judgment, can the proposed work be done in the proposed time? Probably not, unless unusually efficient.

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Check the exploration value of the property & whether the program outlined is proper for such a project. Check the equipment & labor requirements & discuss the exploration & production phases with the applicant to see if the entire program is truly exploratory

Reviewed by: Donald M Runty - BOM

J V Redden 6/28/51 USGS

Date 6/27/51

97692

6/24/51

Docket No. - DMA 1720X

Section 10 - Exhibit "A"

The project is not clearly described & it is probable that only part of it is truely exploratory although the sinking of the shaft might be of that nature also. The field team should determine this factor & see if it is the proper & best method to ascertain the potentialities of the property. No costs are estimated & the team should discuss it with the applicant for a possible reduction to the actual exploration phase of the project.

Section 11 - Exhibit "B"

No new construction is proposed but some shelter will have to be built for the shaft & hoist, if that is found to be within the exploration phase of the project. Probably only a few hundred dollars will be necessary - a maximum of "$500"

Section 12. Exhibit "C"

Whether the entire list of equipment will be needed depends on what part of the program is exploration. The field teams should report on this & specify what equipment will be needed. The costs & rentals quoted appear reasonable.

Section 13 Exhibit "D"

The labor force listed is planned for a 2 shift operation - it is probable only one will be worked during exploration & the crew could be cut about in half. The bookkeeper is not needed on an exploration program of this nature & size. The superintendent should be more properly a working foreman.

(22)
6/27/51

DMA. 1720X

Section 14 Exhibit "E"

The application states that there are, "suitable buildings" on the property but whether they can or will be used is uncertain. Any repairs or rehabilitation will probably be of minor nature & little cost.

Section 16- Recommendation

This application should be referred to the field team to determine the exploration possibilities of the property + the labor & equipment needs of the most logical program to accomplish the results desired. The distinction between exploration + production preparation should be explained to the applicant + the project modified to consider the exploration only. It is probable that this separation will constrict the project considerably with a much less expenditure required

DMB

June 21, 1951

Mr. E. H. Zachary
Franklin, North Carolina

Subject: DMA-1720X
Re: Exploration loan
Zachary Mine

My dear Mr. Zachary:

Receipt is acknowledged of your application and attachments of June 6, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1720X and was referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on June 20, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1720X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:Jeb
cc: Strobel-2
Files
Barr
Lyon

FILE COPY
SURNAME:

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

June 21, 1951

Mr. E. H. Zachary
Franklin, North Carolina

Subject: DMA-1720X
Re: Exploration loan
Zachary Mine

My dear Mr. Zachary:

Receipt is acknowledged of your application and attachments of June 6, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1720X and was referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on June 20, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1720X.

Sincerely yours,

LANDON F. STROBEL
jeb

Landon F. Strobel
Executive Secretary

LFSTROBEL:Jeb
cc: Strobel-2
Files
Barr
Lyon

Dma-1720 X

W. N. C. MINERS' ASSOCIATION

FRANKLIN, NORTH CAROLINA

AN ASSOCIATION OF MINERAL MINERS OF WESTERN NORTH CAROLINA

June 6, 1951

OFFICERS

PRESIDENT
CHARLES T. BRADLEY

VICE PRESIDENT
GOODLOW BOWMAN

SECRETARY
ROY H. FOUTS

TREASURER
HARRY PATTEN

DIRECTORS

FRED ARNOLD
GOODLOW BOWMAN
C. T. BRADLEY
ROY H. FOUTS
KERMA HOLLAND
NORMAN MASHBURN
HARRY PATTEN
A. W. REID, CH.

Defense Minerals Administration
Washington 25, D. C.

Attention: Mr. Landon F. Strobel
Executive Secretary

Gentlemen:

Enclosed herewith is application for Exploratory Loan:

E. H. ZACHARY
Franklin
North Carolina

Cordially yours,

F. T. Siersma

F. T. SIERSMA
Member-- Local
Mining Committee

FTS:re
Enc.