DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE | Idm-E NO._____ | DMEA NO. 4833

24 FEB 1958 **1172**

Application
- [ ] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [✓] Cost Audits
- [✓] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [✓] Contract with all exhibits and annexes
- [x] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [ ] Project summary (final)
- [✓] Work Completed analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [✓] Operator's Final Report (Tab)
- [✓] Interim Field Team Reports
- [✓] Operator's monthly reports and all attachments
- [✓] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No._____: Reports
- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with transmittal, narrative and maps.

Folders No. 1 : Maps (Use pocket folder or envelope)

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

17963

Government's copy

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 13 1958

DATE	INITIALS	CODE

App'd. Sol. Off.
Chamberlin
Selfridge
Johnson

TERMINATION AGREEMENT

It is agreed this 21st day of April, 1958, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Huskins, Huskins and Petty, a partnership, hereinafter called the "Operator," parties to that certain Exploration Project Contract Idm-E1172, Docket No. DMEA-4833, dated February 24, 1958, hereinafter called the "Contract," that:

1. Effective April 1, 1958, the Contract and all obligations of the parties thereunder, except as otherwise herein expressly provided, shall be and are hereby terminated.

2. The Government shall contribute only to the fixed unit costs of work performed prior to said effective date.

3. The Operator shall promptly perform all winding-up and settlement actions provided for in the Contract, including the rendering of the final report and final account.

4. All rights of the Government respecting Certification of Discovery or Development, percentage royalty and liens to secure payment thereof, reports (including preservation of Operator's records), accounts, audits, and the right to recover any overpayment, are preserved.

5. The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of said Contract, except as otherwise provided in this termination agreement.

IN WITNESS WHEREOF, these parties have executed this agreement as of the day and year first above written.

Paul Huskins
Paul Huskins (partner)

Sherrill Huskins
Sherrill Huskins (partner)

Paul Petty
Paul Petty (partner)

THE UNITED STATES OF AMERICA

By C. Mitteudorf
Administrator, Defense Minerals Exploration Administration

RECEIVED
MAY 8 - 1958
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Report of:

Huskins, Huskins, and Petty
Route 3
Bakersville, North Carolina

pertaining to Exploration Project Contract No. Idm-E1172, DMEA No. 4833, for March 1958, covering a mica project at the Gouge Prospect, Mitchell County, North Carolina.

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

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

all of the costs were under a contract provision for payment by the Government at fixed unit costs for work performed.

The findings of this review are stated in the following summary:

Total cost billed by Operator		$2,343.34
Exceptions:		
Prior to this review	$ -0-	
Herewith	-0-	-0-
Accepted cost claimed by Operator		$2,343.34

The contract calls for a 75 percent contribution of the allowable costs by the Government. Therefore, if the project is otherwise accepted as having met the terms of the contract, payments as follows are valid and proper:

Payable on audited claim	$1,757.50
Paid to date	-0-
Balance due Operator	$1,757.50

E. D. Talbert

(E. D. Talbert, Auditor

April 11, 1958

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DATE	INITIALS	CODE

MF-200A
(Rev. April 1956)

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXPLORATION PROJECT CONTRACT
(Short Form)

DMEA No.	*Commodity*	*Contract No. Idm–E*	*County*	*State*
4833	Mica	1172	Mitchell	North Carolina

It is agreed 24 FEB 1958, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Huskins, Huskins and Petty, a partnership composed of Paul Huskins, Sherrill Huskins and Paul Petty

whose mailing address is Route 3, Bakersville, North Carolina

hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority and project.*—(a) This contract is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF–200A), the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed therein. The project work is a search for indicated or undeveloped deposits of the commodity designated above. The Operator shall begin the work on or before APR 15 1958, and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within 8 months from the date of the contract.

(b) The description of the work and the fixed cost for each unit of work to be performed (per foot of drilling, per foot of drifting, per hour of operations, etc.) are hereby agreed upon as specified in Exhibit A. The estimated total cost of the project work is $4,764.00. The Government will contribute 75 percent of the fixed unit cost of the work performed, not exceeding $3,573.00, in accordance with the provisions of Articles 4 and 5.

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

ARTICLE 2. *Operator's property rights.*—(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's rights of property and possession therein (whether as owner, lessee, or otherwise), and that such right, title, or interest is subject only to the following claims, liens, or encumbrances: a royalty of 1/8 on all mica and $0.50 per ton on all feldspar mined and sold from the property payable to lessors.

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

(c) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. The Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing

in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. Two copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 6 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. *Performance of the work.*—(a) Operator's responsibility.—The work shall be performed diligently, efficiently, expertly, in a workmanlike manner, and in accordance with good mining standards and State regulations governing health, safety, and liability insurance covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work, as specified in Article 1 (a).

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

ARTICLE 4. *Contribution by the Government.*—The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5 (b); but all payments by the Government are provisional only, subject to audit, and until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been rendered, the Government may withhold such sums as it sees fit but not in excess of 10 percent of the estimated total cost of the work. To the extent that excesses over fixed unit costs or any excess over the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such excesses for his own account without contribution by the Government. The Government will not contribute to the cost of any work performed prior to the date of this contract. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(a) Operator's records.—The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine all pertinent books, documents, papers, and records of the Operator.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing a detailed statement of units of work performed during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and the fixed unit costs incurred for each type of work; and (3) a Narrative Report of the work performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

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

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

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

ARTICLE 6. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after the Operator has rendered a sufficient final report (see Article 5), may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 7. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon the Government shall be free of all obligation to pay on account of units of work not then performed, and the Operator shall be free of all further obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

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

(c) The giving of any notice by the Government under the provisions of this Article 7 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and liens to secure the payment thereof, and such rights shall be fully preserved.

ARTICLE 8. *Notices to be given by the Government* may be delivered to the Operator or may be sent by registered mail addressed to the Operator at the mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 9. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 10. *Changes and added provisions.*—

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.....

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Long
Adamson
"Appd. Sol. Off."

Executed in sextuplicate the day and year first above written.

Hoch
Selfridge
Talbutt
Johnson

THE UNITED STATES OF AMERICA

Huskins, Huskins and Petty
(Operator)

By Paul Huskins
Paul Huskins (partner)

By Sherrill Huskins
Sherrill Huskins (partner)

By Paul Petty
Paul Petty (partner)

By C. Mitchendorf
Administrator, Defense Minerals
Exploration Administration

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

.....

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE: 1956—O-383069

EXPLORATION PROJECT CONTRACT
HUSKINS, HUSKINS & PETTY
DOCKET NO. DMEA-4833

ANNEX I

The land referred to in Article 2 of the Contract, known as the W. G. Geouge Prospect, is situated on the west slope of Burns Mountain at an elevation of approximately 2900 feet, 0.6 airline miles S. 75° E. from Bandana, Mitchell County, North Carolina.

The Operators are in possession pursuant to the terms of a lease dated August 1, 1957, from Linnea and W. G. Geouge, Sr., recorded September 13, 1957, on page 1 of Book 20 in the office of the Register of Deeds, Mitchell County, North Carolina, described as follows:

> Being a (5) acre tract of land cut off the W. G. Geouge (70) acre tract in Snow Creek Township, Mitchell County, North Carolina, and described as follows: Being a tract (5) acres with the center of said tract being at the center of the proposed mining site located 555 feet southwest of the Chestnut corner 227 feet N-67-E of the Spanish Oak corner. With the center of mining site located in a rectangle 500 feet each way.

Consent to Lien and Subordination Agreement executed by the owners is attached.

MF-205
(Combines and supercedes MF-201 and MF-203)
June 1956

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E 1172
Contract Date 24 FEB 1958

RECEIVED MAR 17 1958 D.M.E.A.

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of Mitchell, State of North Carolina, described as ~~follows~~ 2/ In a certain Mineral Lease bearing date of August 1st, 1957, and duly recorded in official records of Mitchell County, N.C. in Book # 20, Page # 1, in Register of Deeds Office, Bakersville, N.C.

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom, to secure the payment to the Government of a percentage royalty on production as may be provided for by the Contract;

3. Subordinates the undersigned's right, title, claim, or interest in or against the land and in any production therefrom to the rights of the Government under the contract with respect to royalty on production and liens to secure same;

4. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none." Do not leave lines blank.)

NONE

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

2/ 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.

5. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this Agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land, or any production therefrom furnishing the Government with two copies of such notice; and

6. Consents to all amendments (including an agreement of termination) and assignments of the contract without notice thereof, and undertakes and agrees that this Agreement shall extend and apply thereto.

7. Added provision: None (State "None" or "See Annex No.____")

Dated this 1st day of August, 1957

x W. G. George	[Seal]	Rt. 7 Charleston, W. Va.	[Address]
Lennie George	[Seal]	Rt 4 " " "	[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]
	[Seal]		[Address]

I, _____ certify that I am the _____ (Secretary, etc.) of the corporation named herein; that _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____ [Corporate Seal]

Witness By:

Mary Lou Kelly

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DATE	INITIALS	CODE

EXPLORATION PROJECT CONTRACT
HUSKINS, HUSKINS, & PETTY
DOCKET NO. DMEA-4833

EXHIBIT A

Description of the Work

Exploration for concentrations of strategic mica shall be performed in the area indicated on the attached map, entitled, "DMEA-4833, W. G. Geouge Prospect, Mitchell County, North Carolina," attached hereto and made a part hereof.

1. Construct: (a) A toolhouse, minimum dimensions 7 feet by 8 feet by 10 feet.

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

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

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

The powder and exploder magazines shall be boxed on all sides; shall be made from 2-inch hardwood or 3-inch softwood lumber; and shall be braced at the corners. No metal shall be exposed; and the doors shall be equipped with the equivalent of a 5-tumbler jarproof lock.

2. In order to expose the northwest pegmatite and the target pegmatite, at a location approximately 75 feet upslope from the portal site, excavate a horizontal trench about 80 feet long by 10 feet wide by 5 feet deep, aggregating not more than 148 cubic yards.

In the bottom of the trench expose the pegmatites from wall to wall with hand trenches approximately 2 feet wide by 1 foot deep, aggregating not more than 80 cubic feet.

Prepare the adit portal site by excavating an area approximately 40 feet long by 20 feet wide by 10 feet deep, aggregating not more than 296 cubic yards.

3. From the portal site, indicated on the map, drive 160 feet of drift and/or crosscut to explore the pegmatite.

The crosscut and/or drifts shall be timbered as necessary and shall have minimum cross-sectional dimensions of 5 feet by 7 feet in the clear of timber.

All work except that in the crosscut shall be performed on the pegmatite or in as close proximity thereto as possible.

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

Fixed Unit Costs

1. Construct -	Toolhouse 1/	$75.00	
	Powder Magazine 1/	25.00	
	Exploder Magazine 1/	15.00	$115.00
2. Excavation:	Bulldoze trench and adit portal site 444 cubic yards @ $0.30/ cubic yard	$133.00	
	Hand trench 80 cubic feet @ $0.15/ft.	12.00	145.00
3. Drift and/or crosscut 160 feet @ $28.14/ft.			4,504.00
	Estimated total cost of project		$4,764.00
	Government participation @ 75%		$3,573.00

1/ The completed work constitutes the unit.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1-2 OF 25 OF BLDG.
KNOXVILLE 2, TENN.

September 16, 1957

FILE COPY
DMEA
RECEIVED SEP 18 1957
DATE | CODE

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Application from Huskins, Huskins & Petty
Geouge Mica Prospect, Mitchell County, N.C.

Enclosed are the original and two copies of the subject application, received here today. We are keeping the fourth copy for our use.

Accompanying the application are six signed copies of form MF-205, and a copy of the lease.

This appears to be the same as the "Old Luke Mine," DMEA-4553, which was examined in January 1957.

Robert A. Laurence

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

Wm. A. Beck

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

Form MF—103
Revised Feb. 1957

RECEIVED
SEP 16 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1035.3
Approval expires June 30, 1958

APPLICATION FOR AID IN AN EXPLORATION PROJECT

PURSUANT TO DMEA ORDER I, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

NAME OF APPLICANT (Full legal name and mailing address as it should appear on contract if one is executed)

HUSKINS, HUSKINS & PETTY, (Ptnshp)
c/o Paul Huskins,
Rt.3.
Bakersville, North Carolina.

APPLICANT NOT TO USE THIS BLOCK

Docket Number: DMEA - 4833
Date Received: 9-18-57
Government Participation %:
Region: V
Division Code: 600

BUSINESS ORGANIZATION (Check one)

- Individual [ ]
- Corporation [ ]
- Partnership [X]
- Other (Specify) [ ]

State in which firm is organized: N.C.

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
Paul Huskins,	Rt.3. Bakersville, N.C.	(Partner)
Sherrill Huskins,	Rt.3. Bakersville, N.C.	(Partner)
Paul Petty,	Rt.3. Bakersville, N.C.	(Partner)

Mineral(s) for which you wish to explore: Mica

Estimated Cost of Project: $ 360.00

LOCATION OF PROPERTY

Name	County	State
W.G. Geouge, Sr.	Mitchell,	N.C.

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order—I, Amended, "Government Aid in Defense Exploration Projects." To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit four copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 1, existing mine workings and geology in item 2, and the proposed exploration project in item 4. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 2(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest DMEA Field Office.*

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Huskins, Huskins & Petty, (Ptnrshp)

Sept. 13th, 1957
Dated

Paul Huskins
BY *(Signature)*

Partner
Title

Rt.3. Bakersville, North Carolina.

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. *Applicant's Property Rights:*

(a) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all land adjacent to the proposed project area which you own or control. Describe any part of the project land or workings which should not be subject to Government lien for royalty payments. If the land consists of unpatented claims, state the book and page number for each recorded location notice, including amended locations, and the place where recorded (courthouse, recorder's office, county, and state).

(b) State all the names by which you know the property.

(c) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise. If you are not the owner, submit with this application one exact copy of the lease, contract, or other document (with address of owner) under which you control the property.

(d) Describe all liens, mortgages, or other encumbrances on the property.

2. *Physical Description:*

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the lands, including existing mine workings. Describe all production facilities.

(b) State your interest, if any, in operations stated in *2(a)*.

(c) State, as far as you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves on the property giving quantities and grades and sampling methods used, supporting your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you may have, indicating on each whether you require its return to you.

3. *Accessibility of Project:*

(a) To aid DMEA representatives who may be required to examine the property, state the name and address of the person who will meet the DMEA representative; give directions for reaching the property; and describe accessibility of the property including the mine workings.

(b) Name the shipping and supply points and places where employees reside and state the distances between them and the property.

4. *The Exploration Project:*

(a) Describe fully the proposed exploration project giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and longitudinal and cross sections as necessary. Show the location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *property boundaries* or to the closest identifiable corner.

(b) If an access road to the project must be built, show the location on the property map and state the length, type, and construction methods proposed.

(c) In the event that an exploration contract with DMEA is executed, how soon will the work start and how many months will be required to complete it? State your anticipated average daily or monthly rate of progress for each type of work.

5. *Experience:*

State your operating experience and background with relation to your ability to carry out this exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of Costs:*

Furnish detailed estimates of the costs *for each item of the work proposed in 4(a)* under the headings listed below with a total for each heading and the estimated total cost of the project. Costs for any work to be performed by an independent contractor should be shown separately under category *(a)* below. Costs for any work that is not to be performed by an independent contractor should be given in detail under categories *(b)* through *(g)*.

(a) Independent contracts. State the cost of any proposed independent contract for the performance of all or any part of the work, expressed in units of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. *(Note* – If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. For necessary supervision, engineering and geological services, and labor, include an itemized schedule of numbers, classes, rates of wages, salaries or fees, and periods of employment. State whether these technicians and employees are available.

(c) Operating materials and supplies. List items of material and supplies with their cost. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of operating equipment to be used giving specifications and indicating how each item is to be acquired – i.e., rented, purchased, or provided by the applicant. If it is rented or purchased, state the estimated rental or purchase price. If it is to be furnished by the applicant, give its present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of necessary *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant, which will be used on the exploration project.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration project stating specifications and cost including labor, materials and supervision.

(g) Miscellaneous. For the operating equipment listed in 6*(d)*, describe the type and estimate the cost of repairs and maintenance expected during project operations. Do not repeat initial repairs listed in 6*(e)*. Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories.

Note – No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. *(a)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order–I, Amended.

(b) Explain to what extent you propose to furnish your share of the costs by providing money, by use of equipment owned by you, or otherwise.

* * * * *

INT.-DUP. SEC. : WASH. D.C. 15539

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

September 16, 1957

Huskins, Huskins & Petty
c/o Paul Huskins
Route #3
Bakersville, N.C.

Dear Sirs:

Your application for aid in exploring for strategic mica at the Geouge Mica Prospect in Mitchell County, N. C., has been forwarded to our Washington office, in accordance with established procedure. We will notify you in advance if an examination is to be made.

This appears to be the same as the "Old Luke Mine," which was the subject of an application filed by Mr. W. G. Geouge on November 21, 1956. If it is, has any additional work been done since the examination by our field men on January 22, 1957?

Sincerely yours,

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

RAL/zm
cc
Lynch
Opr. Com.-2
Files

Re: Huskins, Huskins & Petty
c/o Paul Huskins,
Rt.3.
Bakersville, North Carolina.

Supplement Sheet No.1.
-re-
Form MF-103,(Revised)

Sect. 1-(a) Applicants Property Rights.

The Mica Prospect hereinafter referred to as the "Geouge Mica Prospect" is located in Snow Creek Township, Mitchell County, State of North Carolina. The (5) Acre tract underlease by the applicants is a part of a (70) Acre tract and described as follows:

"Being a tract or parcel of land cut off the W.G. Geouge (70) Acre tract in Snow Creek Township, Mitchell County, N.C. and described as follows: BEGINING at a point 555 feet, South, 45 degrees East of a Chestnut corner in the W.G. Geouge (70) acre tract line, said Chestnut corner being located ~~XXXXX~~ 227 feet North 67 degrees East of the Spanish Oak corner., as the center of the (5) acre tract; thence running with a line 500 feet ~~in~~ square in 4 directions as outlined on the attached map. Only the (5) acre tract as outlined and described would be subject to Government Lien the remaining (65) acres of the tract not being under lease by the applicants.

(b) The Mica Prospect under lease is known as "The Geouge Mica Prospect".

(c) The (5) Acre tract as described is held by applicants under a Mineral Lease for a period of (5) Years.

(d) There are no Liens or Mortgages on said property.

Sect. 2-(a) Physical Description of Prospect.

The prospect submitted consist of a running vien of mica which crosses the property in a NE-SW course. Some old working consists of a few shallow open pits both above and below the proposed mining site. All of these pits are very shallow probably none of them having been sunk over 5 to 8 feet deep by the various prospectors in the past. All the pits are partially caved to the extent that no accurate data could be compiled as to actual contents of vien. No current operations at proposed mining site.

(b) . None of the applicants were associated with the previous mining done on this property.

(c) No information is available as to past mining productions and there is no current operation of this property.

(d) Unknown

(e) A small amount of excavation work has been done on this vien by other parties in the past. This excavation work at a point where it crossed the vien showed a rich accumilation of small to medium size books of green mica, rich mica binder rock, feldspar and a intermingle of quartz. No actual mining was ever done on the vien at this particular point of exposure.

(f) The applicants from a thorough examination of the exposed vien

Re: Huskins, Huskins & Petty
c/o Paul Huskins,
Rt.3.
Bakersville, North Carolina

Supplement Sheet No. 2.
-re-
Form MF-103,(Revised)

at the point where it has been excavated by bulldozer are of the opinion that a good reserve of high grade mica can be recovered by proper operation of the proposed mining site.

(g) See map attached hereto.

Sect. 3-(a) Acessibility Of Project.

The proposed mining prospect is located approximately 1-3/4 miles Northeast of the Bandana, N.C. postoffice which is located on North Carolina State Highway # 80, about 2-3/4 miles South of the intersection of N.C. State Highway # 80 with the Mine Creek public road.
In order to reach the mining site, turn left in front of Bandana N.C. Postoffice and go about 1 mile on the gravel road. Leave gravel road and go approximately 3/4 mile over newly graded jeep road to the proposed mining site.

(b) . The nearest railway shipping point is Kona, N.C. on Clinchfield Railway lines a distance of about 2 miles. Nearest supply point is at Spruce Pine, N.C. about 10 miles from proposed mining site.

Sect. 4-(a). The Exploration Project.

It is proposed by the applicants to use bulldozer for means of fully uncovering the vien over a distance of some 100 feet in length by 16 feet wide. This should serve to determine the true value and need for futher exploration work at the site of the mine. If after it determined that futher work is deemed necessary to more fully explore the possibilities of the project, a supplement to the project contract would be requested by the applicants.

(b) . No additional road work is anticipated.

(c) Within (30) days after approval of Contract. Preliminary excavation by means of bulldozer would require approximately 36 working hours at $ 10.00 per hour.

Sect. 5-(a) . Independent Contracts: NONE

(b) All labor incurred in excavation by means of bulldozer other than that of the Bulldozer operator would be done by the applicants in person at no cost charged to project.

(c) Operating Materials & Supplies. NONE

(d) Operating Equipment. NONE

(e) Initial Rehab & Repairs. NONE

(f) NEw Bldgs, Ects. NONE.

(g) Miscellaneous Expenses.

(36) Hours hire of Bulldozer for uncovering main vien at a cost of $ 10.00 per hour or a total of $ 360.00 to project.

Re: Huskins, Huskins & Petty
c/o Paul Huskins
Rt.3.
Bakersville, North Carolina.

Supplement Sheet No. 3.
-re-
Form MF-103, (Revised)

Sect. 7-(a) The Applicants are prepared to furnish 25% of the total cost of the requested Bulldozing work (36) ~~XXXX~~ hours, in cash.

(b) In Cash on basis of 25% of the costs.

Note: In Section 5, the applicants are all fully experienced miners and will take active part in any mining operations approved.

SUMMARY OF PROJECT COSTS BY UNITS

Sect. 5-(a)	Independent Contracts	$ NONE
(b)	Labor	NONE
(c)	Operating Materials & Supplies	NONE
(d)	Operating Equipment	NONE
(e)	Rehabilitaion & Repairs	NONE
(f)	New Buildings, Ects.	NONE
(g)	Miscellaneous Expenses (36 Hrs Bulldozer Hire)	$ 360.00
	TOTAL ESTIMATED COST OF PROJECT	$ 360.00

Respectfully submitted,

Huskins, Huskins & Petty

By: Paul Huskins Partner.

Rt.3.

Bakersville, North Carolina.

MINING LEASE

State of North Carolina MITCHELL County:

This indenture made this 1st day of AUGUST, 1957, ~~XXXX~~

between W.G. Geouge, Sr

of West Virginia County and State of ~~North Carolina~~ as party of the first part, and known as lessor, and Paul Huskins, Sherrill Huskins and Paul Petty a Partnership, D/B/A as Huskins, Huskins & Petty

of ~~Mitchell~~ County and State of North Carolina, party of the second part and known as lessee.' s

RECEIVED SEP 18 1957 D.M.E.A.

WITNESSETH, That the party of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit: Being a (5) Acre tract of land cut off the W.G. Geouge (70) acre tract in Snow Creek Township, Mitchell County, North Carolina and ~~described as follows: Being a tract (5) acres with the center of said tract being at the center of the proposed mining site located 555 Feet Southwest of~~ the Chestnut corner 727 feet, N-67-E of the Spanish Oak corner. With the center of mining site located in a rectangle 500 feet each way

(See Sketch Attached)

TO HAVE AND TO HOLD the said lands to him, for mining purposes, the said lessee and his heirs and assigns for the aforesaid period of five years in compliance with the condition of this instrument, for the purpose and with the right to dig, quarry, search, explore for, obtain, and remove any kind of minerals, metals or fossils, and particularly mica, and to conduct the same to any extent the said party of the second part, the lessee, may desire. And it is hereby agreed between the parties to this agreement that the party of the second part is to have the use of any unoccupied buildings on said lands for mining purposes, and that he shall have the right to erect such buildings as he needs to carry on such mining operatins during the period of this lease, and that the party of the second part shall keep the same in as good condition as when received, unavoidable accidents excepted. And it is also agreed by the party of the second part that no unnecessary damage is to be done to the lands herein leased during the period of this lease and the continuance of said lease, but the said party of the second part shall have the right to take from said lands leased to the party of the second part any wood or timber the party of the second part may need to carry on said mining operations or which may be needed to carry on the addition to existing buildings or to erect new buildings or sheds on said lands. (Timber of high or special market value is excepted and shall not be used by the lessee.) And it is hereby agreed that the party of the second part, the lessee, is to have right-of-way of ingress and egress to said mines or land upon which exploration is being conducted.

AND IT IS FURTHER AGREED That the party of the second part, the lessee hereby agrees to pay to the said part of the first part, or his or their heirs or assigns, a rental royalty of ONE EIGHTH (1/8TH) Of All Mica Mined & Sold Off The Property & $0.50 per Ton On All Feldspar Mined and Sold Off The Said Property on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, shall have the option to renew this lease and to extend the period of its running for an additional five years from the date of its present termination. The option shall be exercised by giving formal written notice to the party of the first part or by the continuation of any mining operations then being conducted. The lessor reserve the right to use the land, or convey the same not conflicting with this lease, but under any conveyance the terms of this lease must be recognized by the grantee, purchaser, or assigns thereof. And it is agreed that the lessee may assign this mining lease or any part thereof and that he may sublease.

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, is hereby given an option to purchase all the right, title and interest, legal and equitable to and in the real estate described and set forth in this lease for a total purchase price of NONE, said purchase price to be paid in full within three years from the date of this instrument and it is agreed that all rental royalties paid to the party of the first part shall apply toward and be a part of the total purchase price above set forth, and that at such time that the total purchase price is paid in the form of royalties or a lump sum payment or a combination of both, the party of the first part will execute a special warranty deed to the party of the second part and that a tender of the remaining purchase price at any time within the next three years shall entitle the party of the second part to specific performance of this option contract.

BUT IT IS EXPRESSLY AGREED That unless mineral or fossil material of practical value for mining purposes shall be found within a period of two years from the date of this instrument, the lease may be terminated by the lessee at any time thereafter on thirty days notice to the lessor. The lessee agrees that during the period of this lease or the continuance of this lease work in said mines or exploration for new mines within the area leased shall not cease longer than ninety days at any one time, unavoidable accidents excepted.

WITNESS our hands and seals the day and year first above written.

Acknowledged before me by W.G. Geouge, Sr and Linnea Gouge, this the 18th day of August, 1957

Witness: Mary Lou Kelly

Notary Public

Linnea Geouge

x W G Geouge Sr (Seal)
W.G. Geouge, Sr

x [redacted] (Seal)

x [redacted] (Seal)

x [redacted] (Seal)

x Paul Petty (Seal)
Paul Petty

(See other side)

NORTH CAROLINA.
MITCHELL COUNTY.

Before me, J.H. De Groat, a Justice of the Peace in and for the State and County aforesaid, personally appeared, Paul Huskins, Sherrill Huskins and Paul Petty, and by thier signatures subscribed hereto, acknowledge the due execution of the foregoing instrument for the purpose therein expressed.

This the 7th day of September, 1957.

J.H. De Groat,
Justice of the Peace.

NORTH CAROLINA.
MITCHELL COUNTY.

and Mary Lou Kelley, Notary Public of Kanawah County W. Va

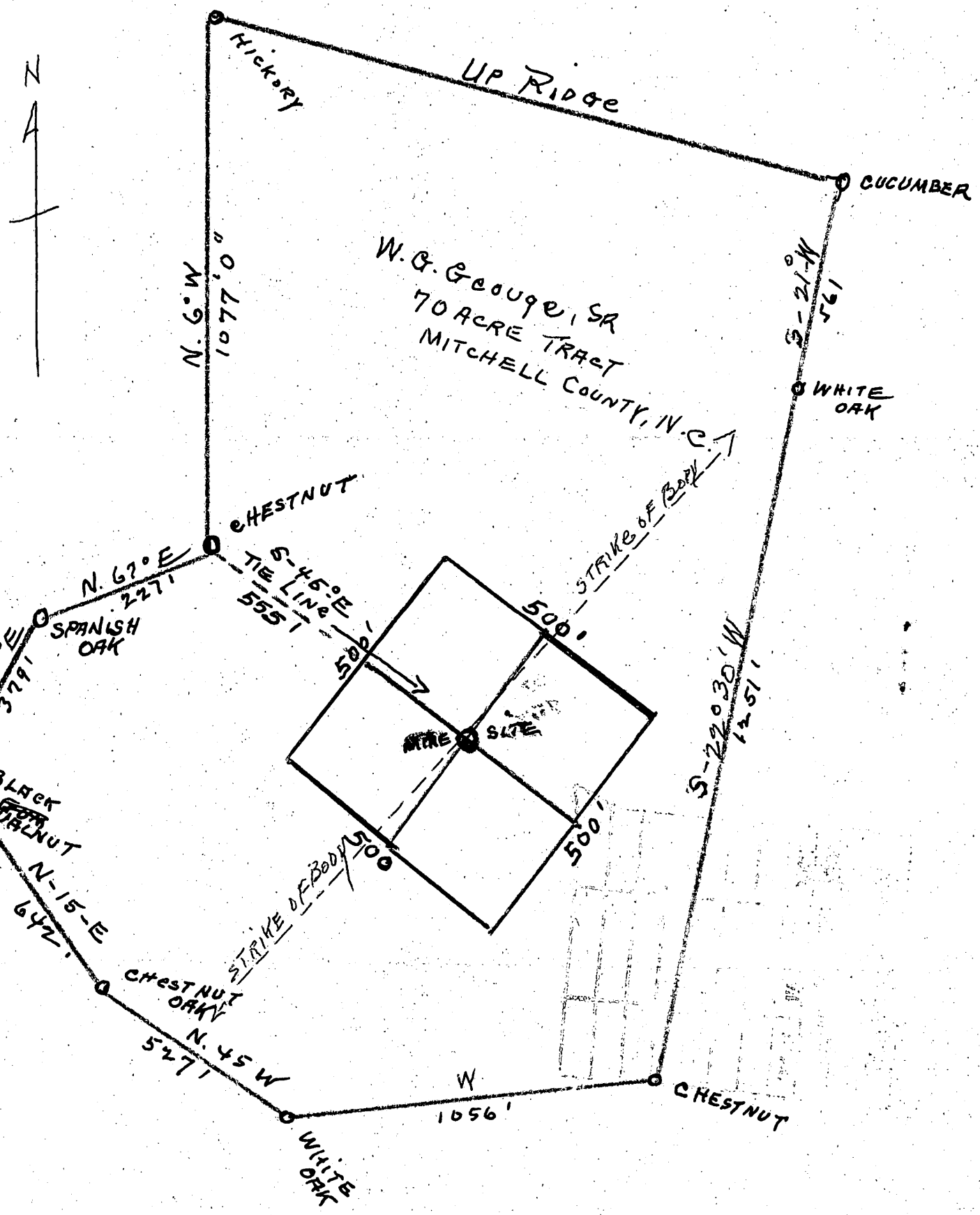
The foregoing certificate of J.H. De Groat, a Justice of the Peace for Mitchell County, N.C. is adjudged to be correct. Let the instrument with the certificate be registered.

This the 7th day of September, 1957

R. P. Greene
Clerk Superior Court

Filed for Registration on the 7 day of Sept 1957 at 10:30 o'clock A M., and Registered in the office of the Register of Deeds for Mitchell County, N. C. this 13 day of Sept 1957 at 10:00 o'clock A M., in Book 20 of Deeds, on Page 1 etc.

Bill Masten
Register of Deeds


N
Hickory
Up Ridge
Cucumber
W. G. Gouge, Sr
70 Acre Tract
Mitchell County, N.C.
N. 6° W
1077'
S-21° W
561
White Oak
Chestnut
S-46° E
Tie Line
555'
N. 67° E
227'
Spanish Oak
N. 75° E
379'
Strike of Body
500'
Site
S-22° 30' W
1251'
Black Walnut
N-15-E
642'
Chestnut Oak
N. 45 W
527'
W
1056'
Chestnut
White Oak

Mr. J. L. Chambers, Director

Contract Administration and Audit Division

Defense Minerals Exploration Administration

U. S. Department of Interior - Interior Building

Washington 25, D. C.

EA Form 17
eb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

WORK COMPLETED ANALYSIS

After final audit or review report is received, prepare original only and file in official docket

Operator Huskins, Huskins and Petty		Actual Cost	
State North Carolina		Agreed Unit Cost	x
Final Report of Audit		Commodity Mica	Docket No. DMEA-4833
Final Report of Review			Contract No. Idm-E1172

Operation	Authorized by Contract and Amendments		Completed		Net cost after sale of Government Property
	Units	Cost	Units	Cost	
Drifting & Crosscutting	160 ft.	$4,504.00	76	2138.64	2138.64
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation		145.00		89.70	89.70
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.		115.00		115.00	115.00
Other (Specify)					
Totals		$4,764.00		2343.34	* 2,343.34

* Net cost total must agree with final report of audit or review.

Prepared by L. G. Houk Date 3/31/58

31398

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
10/3	Anderson	600
10/2	Houk	600
10-3	Chambers	800
10/6	Selfridge	120
"	Johnson	110
	Mittendorf	100
10/6	C	220
		600

600

OCT 6 1958

Mr. and Mrs. W. G. Geouge, Sr.
Route 4
Charleston, West Virginia

Re: Docket No. DMEA-4833-Mica
Huskins, Huskins & Petty
W. G. Geouge, Sr. Property
Mitchell County, North Carolina
Contract No. Idm-E1172

Dear Mr. and Mrs. Geouge:

Enclosed is a copy of a self-explanatory letter of today to the Operator under the above-cited contract.

This correspondence relates to the Consent to Lien and Subordination Agreement signed by you on August 1, 1957.

Sincerely yours,

C. O. Mittendorf (for)

ACTING Director

Enclosure

WCAnderson:gad 10/2/58
Copy to: Dir. R. File
Mr. Chambers
Mr. Kiilsgaard
Mr. Dietrich
Field Team, Region V
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
10/3	Anderson	600
10/3	Houk	600
10-3	Chambers	800
10/6	Selfridge	120
"	Johnson	110
"	Mittendorf	100
		220

600

OCT 6 1958

Huskins, Huskins & Petty
c/o Mr. Paul Huskins
Route 3
Bakersville, North Carolina

Re: Docket No. DMEA-4833-Mea
Huskins, Huskins & Petty
W. G. Geouge, Sr. Property
Mitchell County, North Carolina
Contract No. I'm-E1172

Gentlemen:

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

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

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

Sincerely yours,

C. O. Mittendorf (for)

ACTING Director

WCAnderson:gad 10/2/58
Copy to: Dir. R. File
Mr. Chambers
Field Team, Region V
Mr. Kiilsgaard
Mr. Dietrich
Mr. Houk
Mr. and Mrs. W. G. Geouge, Sr.

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
10/3	Anderson	600
10/3	Hack	600

600

Project Summary Report

By: Walter C. Anderson October 3, 1958

1. Docket No. DMEA-4833-Mica
Contract No. Idm-E1172
W. G. Geouge Prospect
Mitchell County, North Carolina

Application Form MF-103 (February, 1957) received September 18, 1957.
Work proposed by Applicant:
Bulldozing at a cost of $360 to be followed by a supplemental application for further work if promising.

Operators: Paul Huskins, Sherrill Huskins and Paul Petty, a partnership.
Route 3
Bakersville, North Carolina

Operators' property rights: Five year mining lease on the W. G. Geouge, Sr., property consisting of five acres, dated August 1, 1957.
Consent to Lien and Subordination Agreement, dated August 1, 1957.

2. Contract: Form MF-200A (April, 1956) dated February 24, 1958.

Work authorized:

Construction: Toolhouse, Powder & Exploder Magazines	$115.00
Excavation: Bulldoze trench - 444 cu.yds. @ $0.30/cu.yd.	133.00
80 cu. ft. hand trench @ $0.15/cu.yd.	12.00
160 ft. of drifts and/or crosscuts @ $28.14/ft.	4,504.00
Estimated total cost of project	$4,764.00
Government participation @ 75%	$3,573.00

Amendments: None

8623

Work completed:

Construction: Toolhouse, Powder and Exploder Magazines	$115.00
272 cu. yds. of bulldozing @ $0.30/cu.yd.	81.60
54 cu. ft. of hand trenching @ $0.15/cu.ft.	8.10
76 ft. of drifts @ $28.14/ft.	2,138.64
Total accepted cost	$2,343.34
Government participation 75%	$1,757.50

Work began March 12, 1958, and was terminated by mutual agreement before completion of authorized work, effective April 1, 1958.
Field Team final report received August 11, 1958.
Operator's final report received April 7, 1958.
No equipment purchased under the contract.
About 75 pounds of heavily stained, small, non-strategic mica recovered during the contract work.

3. Audit: Report of Review issued April 11, 1958.

Total accepted cost	$2,343.34
Government participation 75%	$1,757.50

4. Certification of discovery - none issued.
No reserves of strategic mica could be outlined.

5. Comments:

How conducted: All of the work in which the Government participated was acceptable.

Operation: Good.

Engineering: Reporting by Operator was acceptable.

Geological premise: The excellent mineralogical, textural and structural environment and premised continuity of a mica-bearing pegmatite for at least 280 feet did not materialize.

Geological criteria upon which work was based:

1. Pegmatite: Tabular, discontinuously zoned. 280 feet long by 10 feet thick, concordantly emplaced in a soft, decomposed mica schist. Composed of thin discontinuous quartz core segments up to one foot thick, thin, medium coarse-grained perthite intermediate zones, and 3 to 4 feet of plagioclase-quartz-muscovite wall zones.

2. Mica: Light gray green to dark brownish green, flat books up to 3 to 4 inches across, very little mineral growth with some flat "A" structure.

Criteria developed during project:

1. Pegmatite: Three tabular bodies exposed by bulldozing and underground work. The northwestern pegmatite is two to six feet thick, is medium grained and composed of plagioclase, perthite, quartz, and muscovite. Two en echelon tabular bodies to the southeast. The first or target pegmatite is exposed for 40 feet, from 1 to 9 feet thick. Second pegmatite separated from the first, which pinched out by a thin schist septum, exposed for 40 feet and 3 to 7 feet thick. Both are concordantly emplaced in a biotite-muscovite schist and composed of a central quartz core and wall zones of medium-grained plagioclase, quartz, and muscovite.

2. Mica: Green, concentrated in wall zones, books range from generally 2 to 3 inches up to 4 to 5 inches, non-strategic, heavily stained with dark mineral specks and clay.

Future possibilities: None.

Recommendations: The Division of Nonmetallic Minerals concurs in the Field Team's recommendation that no certification be made and that no further exploration is warranted.

Walter C. Anderson

Walter C. Anderson
Division of Nonmetallic Minerals

WCAnderson:gad 10/3/58
Copy to: Dir. R. File
Mr. Houk

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

August 14, 1958

ORIGINAL FILE COPY
DMEA
RECEIVED AUG 15 1958

DATE	INITIALS	CODE
8/15	J.g.	225
8/14	Unth	600

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4833 (mica)

Applicant: Paul Huskins et al.

Name and Location of Property: W. G. Geouge Prospect
Mitchell County, N. C.

Contract Number: Idm-E 1172

Date of Final Field Team Report: 8/7/58

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 8/13/58

Field Team Recommendation: Recommend that no certification be issued.

Comments:

1. Contract work under DMEA consisted of extensive bulldozer trenching and driving a 76 foot drift.

2. About 75 pounds of badly stained mica was recovered; no mica of strategic quality was encountered.

3. Expenditures -

Total approved	$4,764.00
Total cost	2,343.00
Gov't. share of the cost	1,757.50
Value of production during operation	None

Recommendation:

I concur with the recommendation of the field team that no certification be issued.

W. F. Dietrich

W. F. Dietrich

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

August 7, 1958

DMEA
RECEIVED AUG 11 1958

DATE	[illegible]	CODE
8/11	W. g.	825
8/11	JHB	130
"	Feg	110
8/15	JHB	130
8/15	W. g.	220

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Final Field Team Report - DMEA-4833 (mica)
W. G. Geouge Prospect, Mitchell County, N.C.

Enclosed are the original and two copies of the subject final report with map attached.

The Field Team concurs with the Field Examiners in their recommendation that no certification be made.

Robert A. Laurence
Robert A. Laurence
Executive Officer, DMEA - Reg. V

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

Reviewed by
DMEA OPERATING COMMITTEE
8-15-58
(date)

DMEA
11 1958
8/15 JLB 130
220

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT

FIELD TEAM, REGION V

On

DMEA-4833, Idm-E1172(mica) W. G. GEOUGE PROSPECT
Mitchell County, North Carolina

Field Team
Final Rept

By

F. G. Lesure, Geologist
Geological Survey

S. A. Feitler, Mining Engineer
Bureau of Mines

August 7, 1958

Reviewed by
DMEA OPERATING COMMITTEE
8-15-58
(date)

8/15 HB 230 220

DMEA EXPLORATION PROJECT

FINAL REPORT

DMEA-4833, Idm-E1172 (mica) W. G. Gouge Prospect
Mitchell County, North Carolina

Operators: Paul Huskins, et al., R#3, Bakersville, N. C.

SUMMARY

Three tabular pegmatite bodies were explored by bulldozing and level work at the W. G. Gouge prospect. The two southeastern pegmatites are en echelon concordant bodies ranging in thickness from 1 to 9 feet. They contain cores of discontinuous quartz lenses and medium-grained perthite, and wall zones of medium-grained plagioclase, quartz, and muscovite. The mica is green, small, and heavily stained. Because no strategic mica was found we recommend that no certification be made. No further exploration is warranted.

INTRODUCTION

Location: The W. G. Gouge prospect is on the west slope of Burns Mountain 0.6 mile S75°E of Bandana post office, Mitchell County, North Carolina (Micaville, N.C. Quad., TVA 1:24,000). The prospect can be reached by jeep on an 0.8 mile farm and jeep road.

History: Early prospecting at the Geouge prospect consisted of 5 or more shallow test pits and two short adits. No data concerning who did the work, what was produced or when the work was done are available.

CONTRACT WORK

Work under DMEA-4833, Idm-E1172 was started March 12, 1958 and terminated by mutual agreement April 1, 1958. The work consisted of bulldozing a portal site area 40' x 20' x 5' (148 c.y.). and a crosscutting trench 93' x 12' x 3' (124 c.y.) In the cross-

Reviewed by
DMEA OPERATING COMMITTEE
8-15-58
(date)

cutting trench two hand trenches aggregating 54 cubic feet were dug exposing two parallel pegmatite bodies. A toolhouse, powder magazine, and exploder magazine were built. From the face of the existing adit a drift was driven 76 feet northeast along pegmatite. About 75 pounds of badly stained mica was recovered.

The work was in fractured and partly weathered pegmatite and was done quickly and efficiently.

GEOLOGY

The portal preparation and trenching at the W. G. Gouge prospect exposed three pegmatite bodies trending northeast and dipping southeast. The northwestern pegmatite exposed 20 feet northwest of the adit portal is medium-grained and composed of plagioclase, perthite, quartz, and muscovite. It ranges in thickness from 2 to 6 feet. The mica present is small and mineral stained.

Two en echelon tabular pegmatite bodies have been exposed to the southeast in the adit and trenching. The first or target pegmatite is exposed in the first 40 feet of the adit. It ranges from 1 to 9 feet in thickness. About 40 feet from the portal this first pegmatite apparently pinches out but is separated by a thin schist septum from a similar en echelon tabular pegmatite. This second body was followed an additional 40 feet. It is probably the same body as explored in the short adit northeast of the main portal and also in the bulldozer trench. It ranges in thickness from 3 to 7 feet.

Both pegmatite bodies are concordant with the foliation of the biotite-muscovite schist wall rock. A small shear zone trending northwest and dipping 20° southwest cuts the second pegmatite.

The southeastern pegmatite bodies are zoned. Each contains a central zone of quartz lenses and medium-grained perthite and wall zones of medium-grained plagioclase, quartz, and muscovite. The central zones range in thickness from 1 to 4 feet; the wall zones from 1 to 3 feet.

Muscovite in both pegmatites is green and concentrated in the wall zones. It occurs in books up to 4" x 5", but is generally 2" x 3" or less. The mica is heavily stained with dark mineral specks and clay. No strategic mica was recovered during the contract work.

PRODUCTION AND RESERVES

About 75 pounds of heavily stained, small, non-strategic mica was recovered during the contract work. No reserves of strategic mica were outlined.

RECOMMENDATIONS AND CONCLUSIONS

We recommend that no certification be made. The mica recovered during the work was stained and non-strategic. The possibilities of the presence of strategic mica in the three pegmatites are not good. No further exploration is warranted.

EXPENDITURES

Total approved	$4,764.00
Total cost	2,343.34
Government's share of cost	1,757.50
Gov't. share of cost unexpended	1,815.50
Value of production	0

Frank G. Lesure, Geologist
Geological Survey (DMEA)

S. A. Feitler, Mining Engineer
Bureau of Mines (DMEA)

August 7, 1958

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

May 8, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 13 1958

DATE	INITIALS	CODE
5/15	C	220
5/13	Hack	600

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Signed Termination Agreement - DMEA-4833, Idm-E1172(mica)
Huskins, Huskins and Petty.
Gouge Prospect, Mitchell County, North Carolina

Attached is the Government and Audit copies of the subject termination agreement. The usual distribution of the other copies has been made.

Robert A. Laurence

Robert A. Laurence

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4/21	Houk	600
4-21	Chambers	800
4/21	GCS	130
"	Johnson	110
"	Chamberlain	100
4/22	C O	220

APR 22 1958 600

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

Re: Docket No. DMEA-4833-Mica
Huskins, Huskins & Petty
W. G. Geouge, Sr. Property
Mitchell County, North Carolina
Contract No. Idm-E1172

Dear Mr. Laurence:

Reference is made to the Field Team's memorandum of April 8, 1958, recommending termination of the subject contract by mutual agreement.

Enclosed are the original and four copies of a proposed termination agreement signed by the Administrator for the Government. Two extra copies are enclosed for the use of the Field Team.

If the proposed termination agreement meets with your approval present it to the Operator for execution. If any part of this agreement 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 are to be returned to this office, together with the proposed changes for consideration.

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

Sincerely yours,

George O. Selfridge

Chairman, Operating Committee (HB)

Approved:

P. F. Yopes (HB)
Member, Bureau of Mines

Thor H. Kiilsgaard (HB)
Member, Geological Survey

LGHouk:rsi 4/21/58
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Enclosures 7

8623

DMEA FORM 6 REFERENCE SLIP

REV. 12-56 DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO:	INITIALS	DATE
1. 110	JEA	4/21
2. 600	HT	4/22
3.		
4.		
5.		
FROM:		

FOR: Check items for action desired

____ Action ____ Reply for signature of _____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions ____ Your information

REMARKS:

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

FINAL

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-53

RECEIVED APR 24 1958 D.M.E.A.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1958 Docket No. DMEA 4833 Contract No. Idm-E 1172
Operator's Name Huskins, Huskins and Petty Minerals Mica
Address c/o Paul Huskins, Rt. 3, Kernersville, N.C.
Contract Amount, $ 4764.00 Government Participation: 75 % Amount, $ 3573.00

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						
272 Bulldozing @ .30 cu.yd.	81.60		81.60			
Crosscutting						
76' Drifting @ 2814 ft.	2138.64		2138.64			
54 cu.ft. Trenching @ .15 ft.	8.10		8.10			
(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						
Toolhouse	75.00		75.00			
Powder & Exploder Mags	40.00		40.00			
(8) Contingencies (specify):						
TOTALS	2343.34		2343.34	2343.34	—	2343.34

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 4-2-58 *Payee Paul Huskins
for
Per Huskins, Huskins and Petty Title Partner

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 1757.50
Signature Helen R. Miller
(Authorized Certifying Officer)
Date APR 18 1958 Vou. No. 162
(See other side)

5847.84

(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. E1172 in accordance with the terms of the contract.

Signature S. Feitler Title MINING ENGINEER U. S. BUREAU OF MINES Date APR 17 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature V. J. Lynch Title ACTING EXECUTIVE OFFICER DMEA FIELD TEAM REGION V Date APR 17 1958

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED APR 21 1958

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 195 8 Docket No. DMEA 4833 Contract No. Idm-E 1172
Operator's Name Huskins, Huskins, and Petty Minerals Mica
Address C/o Paul Huskins, Rt. 3, Bakersville, 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
76' Drifting @ 28.14 ft.	Ft.	2138.64	76	2138.64	76	28.14	160	28.14
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
54' Trenching @ .15 ft.	Ft.	8.10	54	8.10	54	.15	80	.15
Test Pits								
Roads and Trails								
272 cu.yd. Bulldozing @ .30 cu.yd.	Cyd.	81.60	272	81.60	272	.30	444	.30
Total Distributed Costs		2228.34		2228.34				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		75.00		75.00				
Powder & Exploder Magazines		40.00		40.00				
Total Costs		2343.34		2343.34				

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.

Huskins, Huskins & Petty

Date 4-2-58 Operator Paul Huskins

Per Title Partner

Remarks:

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

(Instructions on reverse)

(For Government use only)

S Feitler
MINING ENGINEER
U. S. BUREAU OF MINES

INSTRUCTIONS

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

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

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

GPO 872894

OPERATOR'S

Monthly Report of Progress

March, 1958

DMEA-4833

Idm-E 1172

W.G.Geouge Prospect, Mica

Work Accomplished:

Work began on March 4 on the above project. We moved in bulldozer and trenched to find pegmatite. Pegmatite was located about 75' up the hill. Bulldozed portal site, then began drift with pegmatite, following it 34 feet before it ran out. We then drilled Southeast, locating another pegmatite in the hanging wall which we followed a distance of 42 feet. We recovered 50-75 lbs. of mica which is hard, flat, and free splitting but very little is free of stains and spots.

Daily Notes:

March 4-5: Bulldozed trenches and portal site, locating pegmatite. Hand trenched short distance.

March 6-7: Moved in equipment and supplies. Constructed toolhouse and magazines.

March 10-14: Began drift with pegmatite, following it uphill. Drilled and shot, mucked out waste.

March 17-21: Continued with drift in vein material to about 34 feet, then ran out of vein. Drilled Southeast locating another vein in hanging wall. Began to drift in this direction, picking up some small poor quality mica.

March 24-31: Drilled, shot and mucked daily, following pegmatite in same direction. Recovered few pounds of mica which was hard and free splitting but of little commercial value. Reached 42 feet with this drift.

DMEA EXPLORATION PROJECT

INTERIM REPORT

DMEA-4833, Idm-E1172 (mica) W. C. GOUGE PROSPECT

Operators: Paul and Sherrill Huskins and Paul Petty, Ptnrs., Route #3, Bakersville, North Carolina

Location: Located 0.6 airline miles S75°E from Bandana, Mitchell County, North Carolina

The drift, from the second set at which project work starts, runs 18 feet N40°E and 10 feet N15°E where the pegmatite being followed fingered out. A schist septum from 1-inch to 3 feet thick separated this pegmatite from another to the southeast. At the 18-foot point a drift on the southeast pegmatite was started and ran 48 feet N50°E on pegmatite wider than the drift.

Both pegmatites contain a good concentration of mica, but few books contain even small areas free from clay and mineral stain.

It is recommended that the project be terminated by mutual consent as strategic mica is not being found.

Certification will not be recommended.

Work done to date:

272 cubic yards of bulldozing

54 cubic feet of hand trenching

Construction:

Toolhouse

Powder Magazine

Cap Magazine

76 - feet of drif t .

Original File Copy
DMEA
RECEIVED APR 10 1958
DATE | | CODE
4/16 | C | 220
/15 | Com | 100
" | Tr | 110
4/15 | | 200
| | 600

Inspected:
March 31, 1958

Stanley A. Feitler,
Mining Engineer, USBM

F. G. Lesure, Geologist
Geological Survey

z

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4/14	Talbert	800
4/15	C	220
		600

APR 14 1958

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

Re: Docket No. DMEA-4833 (Mica)
Huskins, Huskins, and Petty
Gauge Prospect
Mitchell County, North Carolina
Contract No. Idm-E1172

Dear Mr. Laurence:

Enclosed are the original and three copies of a Report of Review, as requested by your April 8 memorandum. Also enclosed is the Operator's final (March 1958) MF-104, which was submitted with your request.

If you concur with the facts as stated in this report, please make the usual distribution. If for any reason you do not concur, please return the original and all copies with your comments to this Division.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Director
Contract Administration
and Audit Division

Enclosures

EDTalbert/ama
April 14, 1958

Copy to: Docket
Admr. Reading File
Helen R. Miller
Mr. Chambers

8623

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

April 8, 1958

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DMEA
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DATE INT. CODE
4/10 C 220
1304
4/10 600

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Request for Termination - DMEA-4833, Idm-E1172-mica. W. C. Gouge Prospect, Mitchell County, N.C.

Attached are three copies of the interim report on the subject contract. Also attached is a letter from the Operator. Both the Field Examiners and the Operator requests termination of the contract due to the lack of strategic grade mica in the pegmatite.

The Field Team agrees with these requests and recommends termination of the contract by mutual agreement as of April 1, 1958.

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

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

OFFICIAL FILE COPY
DMEA
RECEIVED APR 10 1958
DATE | INITIALS | SUBJ

Bakersville, N.C.
April 1, 1958

Mr. Robert A. Laurence
D.M.E.A., Region V
Room 13, Post Office Bldg.
Knoxville, Tennessee

Re: DMEA-4833, Idm-E 1172
W.C.Geouge Prospect

Dear Mr. Laurence:

I would like to request a termination, by mutual consent, of the above contract. The mica recovered is of a very poor quality, very little of it being free of spots.

Monthly report is enclosed which gives details.

Very truly yours,

HUSKINS, HUSKINS & PETTY

Paul Huskins (B)

Paul Huskins, Partner

H/b

RECEIVED
APR 7 - 1958

April 8, 1958

Memorandum

To: Jay L. Chambers, Director, Contract Admin. & Audit Div.

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

Subject: Request for Report of Review - DMEA-4833, Idm-E1172-mica
W. C. Gouge Prospect, Mitchell County, North Carolina

Work on the subject contract has been recessed pending approval of request to terminate.

The following units of work have been acceptably performed as vertified by our field examiners:

1 - Construction of toolhouse, powder and exploder magazines.

2 - Excavation of 272 cubic yards of material in bulldozer trench and 54 cubic yards in hand trench.

3 - Drove drift 76 feet.

An adequate engineering and geological report has been received.

A copy of the final MF-104, Operator's Monthly Report and Voucher is attached.

Robert A. Laurence

VJL/zm
cc:
Opr. Com.-2
Lynch
Files

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

April 7, 1958

DMEA
RECEIVED APR 9 1958
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4-9 | C | 220
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Memorandum

To: Operating Committee, DMEA - WAshington

From: Acting Executive Officer, DMEA - Region V - Knoxville

Subject: Operator's Final Engeering & Geologic Report - DMEA-4833, Idm-E1172(mica) W. G. Goute Prospect. Mitchell County, North Carolina

Transmitted are three copies of the subject report received from the Operator today.

V. J. Lynch, Acting
Executive Officer, DMEA

zm

Operator's Final Rept

DMEA

Bakersville, N.C.
April 4, 1958

Mr. Robert A. Laurence
D.M.E.A., Region V
Room 13, P.O. Building
Knoxville, Tennessee

Re: W.G.Gouge Prospect, Final Report
DMEA-4833, Idm-E 1172 (mica)

Dear Mr. Laurence:

Work began on the W.G.Geouge Prospect on March 4, and was completed on March 31.

We trenched with bulldozer and by hand, locating a pegmatite about 75' up the hill from beginning. Portal site was bulldozed, and trench work completed. We began a drift following one pegmatite which we worked a distance of 34 feet before vein material ran out.

We then drilled to the Southeast, locating another pegmatite in the hanging wall. We followed this pegmatite a distance of 42 feet, recovering fifty to seventy-five pounds of mica which was hard, flat and free-splitting but was very spotted. Vein became very small and work was discontinued. Contract was terminated by mutual consent.

If further details are necessary, please contact me. We wish to thank the field team for their assistance on this project.

Very truly yours,

HUSKINS, HUSKINS & PETTY

Paul Huskins
(13)

Paul Huskins, Partner

B/b

RECEIVED
APR 7 - 1958

ORIGINAL FILE COPY
DMEA
RECEIVED MAR 27 1958
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3-27 | C | 220
27 | Cons | 100
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DMEA EXPLORATION PROJECT

INTERIM REPORT

DMEA-4833, Idm-E1172(mica) W. C. GEOUGE PROSPECT

Operator: Paul and Sherrill Huskins and Paul Petty, Ptnrs.
Route # 3, Bakersville, North Carolina.

Location: Located 0.6 airline miles S75°E from Bandana, Mitchell County, North Carolina on Burns Mountain.

The Operator reports work started March 12, 1958.

At the time of inspection, the miners had left for the day.

A toolhouse and two magazines for blasting supplies had been built.

Upslope about 100 feet, a crosscutting bulldozer trench 93' x12' x 3' (124 c.y.) crossed the target pegmatite and the parallel pegmatite 30 feet northwest. Two hand trenches aggregating 54 cubic feet expose the pegmatites. The southeast (target) pagmatite is 3 feet wide and deeply weathered. The mica, up to 3 x 4 inches, is stained by weathering and probably mineral.

The portal site has been dulldozed 40 x 20 x 5 feet deep (148 c.y.).

The portal is timbered and the adit extends 20 feet N45°E of which 6 feet is old work and 14 feet allowable under the contract. The last 10 feet exposes the footwall. Mica though plentiful and up to 4 x 6 inches is badly stained by mineral as well as clay.

Paul Huskins was reached by telephone the evening of March 17, and advised to drift on the hanging wall to determine the quality of the mica.

The pegmatite is more than 5 feet thick and contains plagioclase, perthite, quartz, muscovite, sulphides and garnet.

If, by the next inspection, mica of strategic quality has not been found, termination by mutual consent will be recommended.

Mr. J. H. Vallely, U. S. Bureau of Mines, field office of Knoxville, Tennessee accompanied the Examiners on the inspection.

Inspected: March 17, 1958

S. A. Feitler, Mining Engineer
Bureau of Mines (DMEA)

F. G. Lesure, Geologist
Geological Survey(DMEA)

z

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 18 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

WASHINGTON 25, D.C.

March 12, 1958

GENERAL FILE COPY
DMEA
RECEIVED MAR 17 1958
DATE | INITIALS | CODE
3/17 | G | 220
3/28 | B | 215
600

Memorandum

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

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

Subject: Docket No. DMEA-4833, Contract No. Idm-E1172 (Mica)
Huskins, Huskins and Petty, a Partnership
Route 3, Bakersville, North Carolina
W. C. Geouge Prospect, Mitchell County, North Carolina

Enclosed are the signed Government's copy and Audit copy of the subject contract.

The usual distribution of the other copies has been made by this office.

Robert A. Laurence
Robert A. Laurence
Executive Officer

Stanley A. Feitler
S. A. Feitler for V. J. Lynch
Member, Bureau of Mines

Enclosures 2

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/14	Houk	600
2/21	Talbert	800
2/21	[illegible]	130
2/22	Johnson	110
"	Whitesday	100
2/25	[illegible]	220
		600

600

FEB 25 1958

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

Re: Docket No. DMEA-4833-Mica
Huskins, Huskins & Petty
W. G. Geouge, Sr. Property
Mitchell County, North Carolina

Dear Mr. Laurence:

Enclosed are the original and four copies of a proposed short-form contract signed by the Administrator for the Government. It consists of the form, Annex I (1 page), Consent to Lien and Subordination Agreement, Exhibit A (2 pages), and one map. Also enclosed are two extra copies of Annex I, Exhibit A, and the map for Field Team use.

If the proposed contract meets with your approval, present it to the applicants for execution. If any part of this proposed contract does not have either your approval or that of the applicants and cannot be amended within your delegated authority, then the original and all copies of the contract and the two extra copies of Annex I, Exhibit A and the map are to be returned to this office, together with the proposed changes for consideration. Copies of the executed contract are to be distributed in the usual manner.

Copies of memoranda dated January 14 and 16, 1958, by Mr. N. E. Nelson, USGS, and Mr. W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

Approved:

Frank D. Lamb (GB)
Member, Bureau of Mines

Thor H. Kiilsgaard (GB)
Member, Geological Survey

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GB)

Enclosures 11

LGHouk:gad 2/12/58
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8627

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

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DATE		CODE
2/3	C	220
4/3	Hook	600

January 30, 1958

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: DMEA-4833-mica. Huskins, Huskins & Petty, Bakersville, N. C. W. G. Geouge, Sr. Property, Mitchell County, North Carolina.

Reference is made to your letter of January 16.

We do not favor strike trenching on a slope such as this one. In the case of the Avery mine (DMEA-4805), where the slope is only slightly steeper, it became necessary to amend the contract to provide crosscutting trenches because the dozer could not work effectively at the upper end of the proposed strike trench.

Another disadvantage of a strike trench here is that it would funnel all the surface drainage directly down on the adit portal.

As pointed out in the examination report and the transmittal letter, we consider the exposures on the east pegmatite, plus its indicated strike length of more than 290 feet make it an adequate target for exploration by adit drifting without any trenching at all. However, as it was desirable to bring in a dozer to do approximately $90 worth of portal preparation, we thought an additional $43 worth of trenching to expose the west pegmatite was worth while. In an area where strike continuity is established and there is some evidence of duplicate parallel structures, some effort should be directed toward crosscutting exploration. But the east pegmatite is definitely the main target.

Rather than substitute strike trenches, if the crosscutting trench cannot be approved, we would prefer to eliminate the trenching entirely and limit the project to portal site preparation and adit drifting on the main (east) pegmatite.

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

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

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 15 1958

DATE	INITIALS	CODE
1/15	gb	220
		600

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

January 14, 1958
Re: DMEA 4833
Huskins, Huskins, & Petty
Geouge Prospect
Mitchell County, North Carolina
Applicants' Estimate $360.00
Recommended Estimate $4,763.00 - Mica

Memorandum

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

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

Subject: Review of Field Team Report

The applicants requested assistance in uncovering by bulldozing a 10-foot, zoned pegmatite exposed intermittently for at least 280 feet in shallow pits. If further work then appeared warranted, an amendment was to be sought.

In the opinion of the examiners, the occurrence warrants not only the bulldozing but also drift-adit work and so recommend.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 16 1958
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

January 16, 1958

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4833 (mica)

Applicant: Paul and Sherrill Huskins and Paul Petty

Name and Location of Property: W. C. Geouge Prospect, Mitchell County, N. C.

Date of Field Team Report: January 7, 1958

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: January 13/58

Field Team Recommendation: Recommend approval of a contract as outlined by field team report.

Comments:

1. A series of test pits expose and indicate probable continuous mica-bearing pegmatite for at least 280 feet along strike.

2. An excellent mineralogic, textural, and structural environment for strategic mica is indicated.

3. Proposed exploration outlined by the field team is consistent with good engineering practices and estimated costs are in line with other DMEA projects.

Recommendation:

I concur with the recommendation of the field team for exploration assistance, work to be conducted as outlined in report of field team.

W. F. Dietrich

W. F. Dietrich

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/15	Houk	600
1/15	[illegible]	130
"	[illegible]	110
"	[illegible]	100
1/16	[illegible]	220
		600

600

JAN 16 1958

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

Re: Docket No. DMEA-4833-Mica
Huskins, Huskins & Petty
W. G. Geouge, Sr. Property
Mitchell County, North Carolina

Dear Mr. Laurence:

Reference is made to the Field Examination Report, January 6, 1958, on the subject property.

This is to inquire if strike trenching could possibly be more effective in this case than cross-cut trenching. That is strike trenching on both the main pegmatite and the subordinate pegmatite. The trenching should be Stage I, and Stage II to be either sinking and drifting or an adit as proposed by the Field Team if the pegmatite proves to be continuous along the strike.

If you are in agreement please prepare the necessary cost data for an alternate program.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (HB)

Approved:

Frank D. Lamb (HB)
Member, Bureau of Mines

Thor H. Kiilsgaard (HB)
Member, Geological Survey

LGHouk:gad 1/15/58
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

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

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 9 1958

DATE	INITIALS	CODE
1/9	C	220
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January 7, 1958

Memorandum

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

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

Subject: Examination Report, DMEA-4833 (Mica)
Paul and Sherrill Huskins and Paul Petty, Bakersville, N.C.
W. C. Geouge prospect, Mitchell County, North Carolina

Enclosed are the original and two copies of the field examination report on the W. C. Geouge mica prospect. We recommend approval of a contract as outlined in the report. Eight extra copies of the map are enclosed.

It should be noted that the primary purpose of the horizontal (cross-cutting) bulldozer trench is to expose the second pegmatite at little extra expense since the dozer will be required for the adit portal preparation. Therefore, a two-stage contract is not recommended, as work on the adit is not expected to be affected by the results of the bulldozer trench.

Robert A. Laurence
Robert A. Laurence
Executive Officer

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

Enclosures 11

Reviewed by
DMEA OPERATING COMMITTEE
1-13-58
(date)

On-Site Exam Rpt

ORIGINAL FILE COPY
DMEA
RECEIVED JAN 9 1958

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UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXAMINATION REPORT
FIELD TEAM- REGION V

DMEA-4833 (mica) W. C. GEOUGE PROSPECT
Mitchell County, North Carolima

S. C. Bergman, Geologist
Geological Survey

and

S. A. Feitler, Mining Engineer
Bureau of Mines

January 6, 1958

Reviewed by
DMEA OPERATING COMMITTEE
1-13-58
(date)

FIELD EXAMINATION REPORT

DMEA-4833, W. C. GEOUGE PROSPECT (mica)
Mitchell County, North Carolina

Applicant

Paul and Sherrill Huskins and Paul Petty, R#3, Bakersville, N.C.

SUMMARY

A discontinuous series of northeast-southwest trending pits exposes and indicates probably continuous mica-bearing pegmatite for at least 280 feet along strike. A parallel, but poorly exposed pegmatite of unknown size or extent is indicated about 20 feet in the footwall of the main structure. From exposure and the content of dump material, an excellent mineralogic, textural and structural environment is indicated. A program is recommended which would explore the main pegmatite by means of a strike length adit, and expose the parallel structure for possible investigation.

INTRODUCTION

Location

The prospect is located on the wooded west slope of Burns Mountain at an elevation of approximately 2900 ft. It is 0.6 air-line miles S75°E from Bandana, Mitchell County, N. C., and easily accessible by means of about 0.8 mile of good farm and jeep road southeast from State Highway 80. The site is located in the north-central 1/9th of the Micaville, N. C. Quad., USGS-TVA Ed. 1934,(209-NW).

Examination

An examination lasting about 2 1/2 hrs was conducted November 13, 1957. The Examiners were acoompanied by Messrs. Paul and Sherrill Huskins, both competent and experienced miners. A good graveled jeep road of moderate grade, leads directly to the south-

west end of the pegmatite exposure. Pegmatite is well exposed at the road and about 40 feet upslope in two shallow test pits and northeast trending adits 7 to 12 ft long (see map). Pegmatite has been discontinuously excavated by shallow slumped testpits extending along strike and almost directly upslope in a N32°E direction for a distance of about 280 ft. A shallow slumped pit about 55 ft north of the road exposure indicates the presence of a parallel pegmatite of unknown size or extent, but from dump material, of similar composition.

The shallow testpits are the only evidence of prospecting activity, and except for the recent road exposure are of unknown age or origin.

No equipment, supplies or facilities were present at the site.

GEOLOGY

A tabular, discontinuously zoned pegmatite is exposed in shallow test pits and indicated from dump material in slumped pits for at least 280 ft along strike. The structure is about 10 ft thick at the southwest exposures, strikes N 45 to 50°E and dips 65 to 70° southeast. It is concordantly emplaced in a soft, decomposed mica schist. Slabs of hornblende gneiss and schist float are common in the soil of the hillside and are probably interlayered with the micaceous gneisses and schists. A parallel pegmatite of unknown size and extent, but of similar composition is indicated about 20 ft in the footwall of the main structure.

Pegmatite is composed of thin discontinuous quartz core segments

up to one foot thick, thin medium coarse-grained perthite intermediate zones and 3 to 4 ft of plagioclase-quartz-muscovite wall zone material on either side of the intermediate zone and core material. The inner part of the wall zone material is medium-coarse-grained while the outer 1 to 2 ft of material is medium to medium-fine grained. Pegmatite material rich in quartz and small muscovite was found on the dumps of all the slumped pits upslope from the road.

Muscovite was found in thin flat books up to 3 x 4 inches across. The color of the mica is variable from a light gray green to a dark brownish green. Only a rare isolated speck of mineral intergrowth was noted along with some flat A structure and minor edge cracking. All of the recovered muscovite has come from the hangingwall zone. None has been processed for sale.

The two exposures of pegmatite indicate that quartz core and accompanying mica-rich material are discontinuous along strike and may be localized in repetitious plunging shoots. Specific structural controls were not evident in the limited exposures.

CONCLUSIONS AND RECOMMENDATIONS

Exposed pegmatite and dump material from excavations along strike indicate a pegmatite with strong structural continuity and favorable mineralogical and textural environment. The possible localization of mica-rich material in discontinuous plunging shoots leads the Examiners to recommend that pegmatite be explored by 160 ft

of strike -length adit and/or crosscut with the portal placed in as low a topographic position as possible by means of preliminary bulldozing into the hillside at and below the road level. An additional trench approximately 80' x 10' x 5' deep is recommended parallel to the slope about 75 ft upslope from the road. This is to expose the second pegmatite, its size, gross composition and to see if integration ~~with~~ with the proposed exploration on the main structure is possible or desirable.

ESTIMATED COSTS

Surface Excavation: Excavate a horizontal trench about 80' x 10' x 5' deep containing not more than 148 cubic yards, approximately 75 ft upslope from the portal site to expose the northwest pegmatite and the target pegmatite.

In the bottom of the bulldozer trench, expose the pegmatites from wall to wall with hand trenches approximately two feet wide by one foot deep to aggregate of not more than 80 cubic feet.

Prepare the adit portal site by excavating approximately 40 x 20 x 10 feet deep, not more than 296 cubic yards.

Bulldoze trench and adit portal site 444 cu.yds at 0.30¢	=	$133.00
Hand trench 80 cu ft @ 15¢/ft	=	12.00
Total surface excavation		$145.00

Drive 160 ft of drift and/or crosscut 5 x 7 ft in cross section from the portal site indicated on the map:

Construct:

Toolhouse	$75.00
Powder Magazine	25.00
Cap Magazine	15.00
	$115.00

Labor:

1 - Foreman-miner @ $14/shift
1 - Miners helper : $10/shift
Per 8 hour shift-24.00
Total labor 80 shifts - $1920.00

Equipment-rental:

1 - Compressor @ $50/Mo.	$600.00
1 - Rock drill with air hose @ $40/Mo.	160.00
1 - Jackleg @ $25/Mo.	100.00
	$860.00

Supplies:

Gasoline and oil	$280.00
Explosives	560.00
Drill steel	240.00
Timber, 2 M bf.	130.00
Small tools and misc.	240.00
Social Security & Ins.	230.00
Sales tax	43.00
Total supplies.....	$1723.00

Estimated total cost of drift..... $4,503.00
Estimated cost per foot $28.14.

Summary of Estimated Costs:

Surface Excavations	$ 145.00
Construction	115.00
Drifting	4503.00

Estimated total cost of project.....$4,763.00

January 6, 1958

S. C. Bergman, Geologist
Geological Survey

S. A. Feitler, Mining Engineer
Bureau of Mines

z

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
10/22	Houk	600
10/23	GCS	130
"	Johnson	110
"	Mitchell	100
10/24	gb	220
		600

600

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

OCT 23 1957

Re: Docket No. DMEA-4833-Mica
Huskins, Huskins & Petty
W. G. Geouge, Sr. Property
Mitchell County, North Carolina

Dear Mr. Laurence:

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

Copies of memoranda dated September 19 and 20, 1957, by Mr. N. E. Nelson, USGS, and Mr. W. F. Dietrich, USBM, respectively, relating to the project are enclosed. There is also enclosed a copy of the application for the use of the Field Team.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Approved:
Frank D. Lamb
(FDL)
Member, Bureau of Mines

Thor H. Kiilsgaard
(THK)
Member, Geological Survey

LGHouk:gad 10/22/57
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Enclosures 5

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
10/22	Houk	600
10/23	Selfridge	130
10/23	Lamb	~~130~~
"	Johnson	~~130~~
"	Mittendorf	110
		100
10/24	gb	220
		600
10/23	Kiilsgaard	130

600

OCT 23 1957

Huskins, Huskins & Petty
c/o Paul Huskins
Route 3
Bakersville, North Carolina

Re: Docket No. DMEA-4833-Mica
Huskins, Huskins & Petty
W. G. Geouge, Sr. Property
Mitchell County, North Carolina

Gentlemen:

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

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

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

LGHouk:rsi 9/23/57
Copy to: Admr. R. File
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

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

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 21 1957

DATE	INITIALS	CODE
10/21	gb	220
		600

October 17, 1957

Memorandum

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

From: Executive Officer, DMEA Field Team, Region V

Subject: Docket No. DMEA-4833 - Huskins, Huskins & Petty
c/o Paul Huskins, Route 3, Bakersville, N. C.
W. G. Geouge, Sr. Property, Mitchell County, N. C.

Attached is the original and one copy of letter received today from Huskins, Huskins & Petty relative to the subject property in reply to my letter of September 16, which states in part that "the proposed mica project for which I recently made application for Government financial assistance has no connections in any way with the 'Old Luke Mine' referred to in your letter."

Robert A. Laurence
Robert A. Laurence

Enclosures 2

DMEA-4833

Bakersville, N.C.
October 14, 1957

Mr. Robt A. Laurence,
DMEA Office
Room 13. P.O. Bldg.
Knoxville, N.C.

Re: HUSKINS, HUSKINS & PETTY
c/o Paul Huskins
Rt. # 3
Bakersville, N.C.

Dear Mr. Laurence:

Replying to your letter of Sept. 16th inst in which you msde reference to a mica mine on the property of Mr. W.G. Geouge known as the " Old Luke Mine".

You will please be advised that the proposed mica project for which I recently made application for Government financial assistance has no connections in any way with the "Old Luke Mine" referred to in your letter.

The mica prospect for which I made application for a mining loan is located approximately ½ mile east of the Old Luke Mine.

Trusting that this information will serve to clarify this matter and with kindest personal regards, we are

Respectfully yours,

Huskins, Huskins & Petty (Ptnrship)

By Paul Huskins
Partner

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 21 1957

DATE	INITIALS	CODE

RECEIVED
OCT 16 1957
U. S. Geological Survey
Radiation Division
Knoxville, Tenn.

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 20 1957
DATE | INITIALS | CODE
9-20 | | 600

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

September 20, 1957

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: W. F. Dietrich, Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4833 (mica)

Applicant: Paul Huskins, Sherrill Huskins, and Paul Petty (a partnership)

Name and Location of Property: Geouge Mica Prospect, Mitchell County, N. C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 9/19/57

Comments:

1. Applicants claim a mica bearing vein has been exposed by several previously dug shallow pits which are now partially caved.

2. At one point applicants state there is a rich accumulation of small to medium sized books of green mica.

3. Applicants request $360 to bulldoze a trench 100 feet long and 16 feet wide to uncover vein.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis. If results of a field examination are favorable, two-stage project consisting of additional shafting and drifting should be outlined.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

September 19, 1957
Re: DMEA 4833
Huskins, Huskins & Petty
Geouge Prospect
Mitchell County, North Carolina
$360.00 - Mica

Memorandum

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

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

Subject: Review of application

The applicants request assistance in exploring by bulldozing a pegmatite on which work was done sometime in the past and, as I read it, on which bulldozing has recently been done resulting in a 'discovery' that presages a good reserve of high grade mica.

If, as opined by the Field Team, the prospect is the Old Luke Mine examined under DMEA 4553 and no new work has been done, denial of the application is in order. The application under 4553 was denied.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

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DMEA
RECEIVED SEP 20 1957

DATE	INITIALS	CODE
9/20	B	220
9/23	[illegible]	600

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

September 18, 1957

Huskins, Huskins & Petty
c/o Paul Huskins
Route 3
Bakersville, North Carolina

Subject: DMEA-4833

Gentlemen:

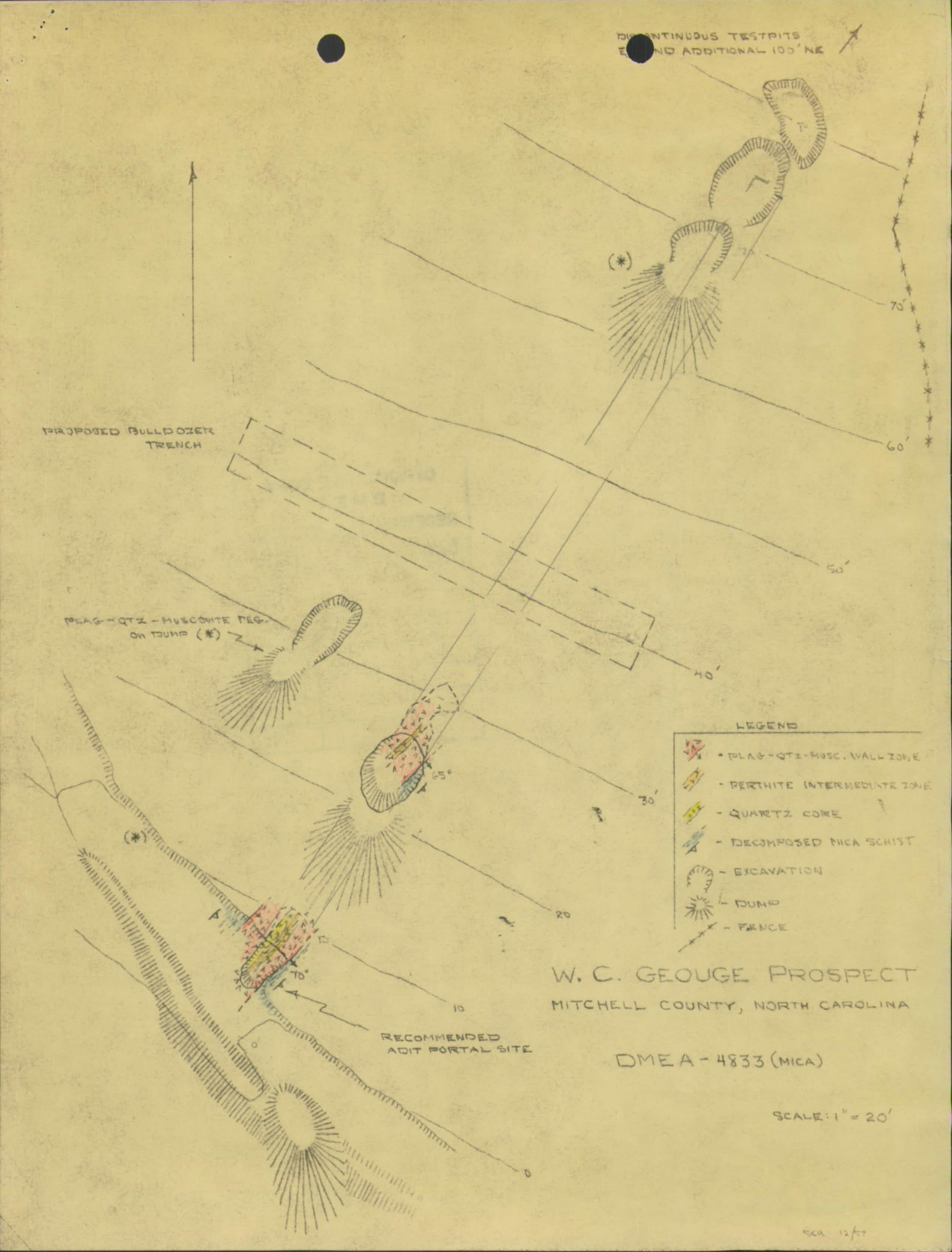
Your application for exploration assistance, dated September 13, 1957 submitted to our office at Knoxville, Tennessee has been assigned Docket Number DMEA-4833 and referred to the Nonmetallic Minerals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to:

Region V


DISCONTINUOUS TESTPITS
EXTEND ADDITIONAL 100' NE
(*)
70'
60'
50'
40'
30'
20
10
0
PROPOSED BULLDOZER TRENCH
PLAG - QTZ - MUSCOVITE PEG. ON DUMP (*)
65°
70°
(*)
RECOMMENDED ADIT PORTAL SITE
LEGEND
- PLAG - QTZ - MUSC. WALL ZONE
- PERTHITE INTERMEDIATE ZONE
- QUARTZ CORE
- DECOMPOSED MICA SCHIST
- EXCAVATION
- DUMP
- FENCE
W. C. GEOUGE PROSPECT
MITCHELL COUNTY, NORTH CAROLINA
DMEA - 4833 (MICA)
SCALE: 1" = 20'

SCR 12/77

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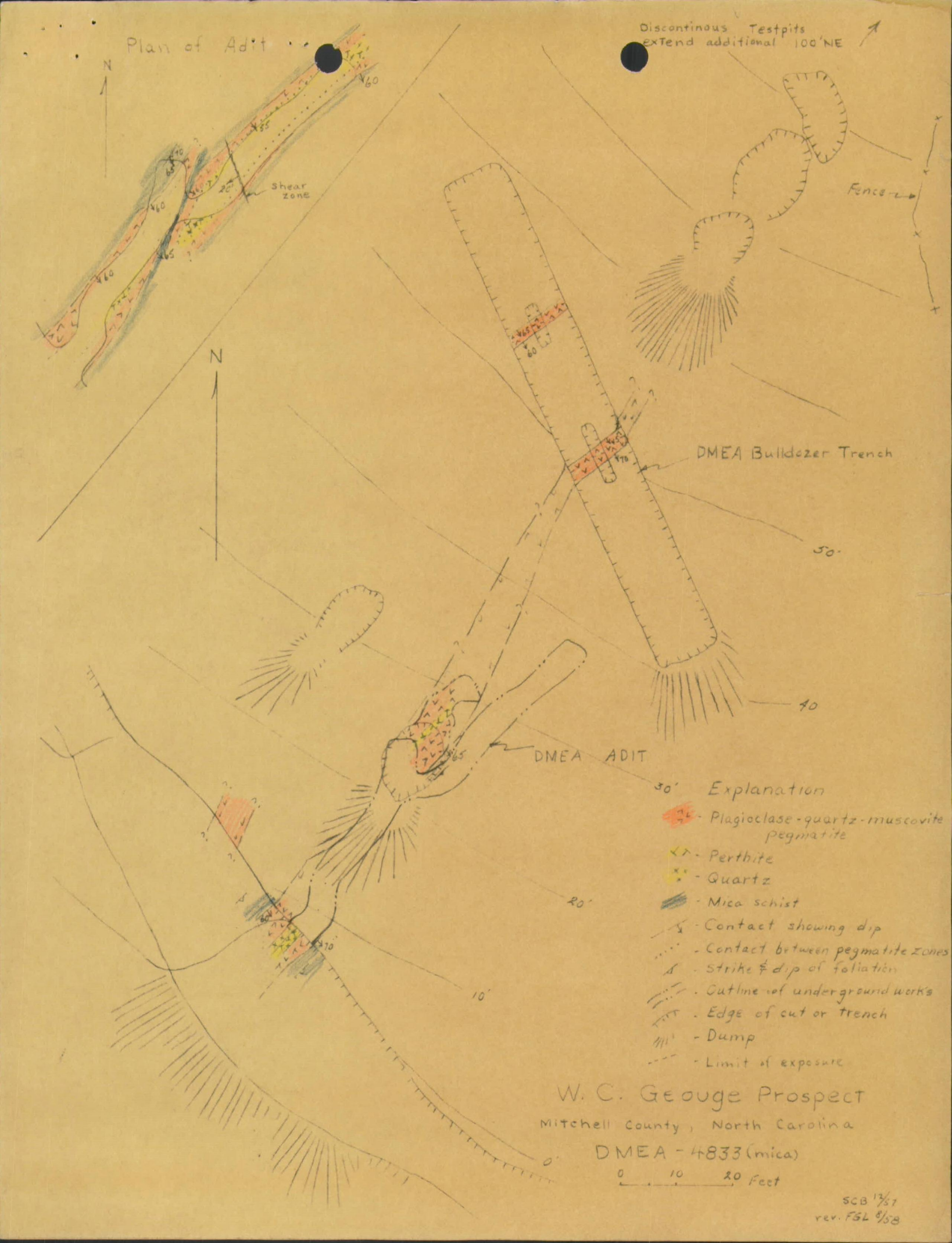
DMEA
RECEIVED JAN 9 1958

DATE	INITIALS	CODE


Plan of Adit
N
Shear zone
Discontinous Testpits extend additional 100' NE
Fence
DMEA Bulldozer Trench
DMEA ADIT
50'
40
30'
20'
10'
0'
Explanation
- Plagioclase-quartz-muscovite pegmatite
- Perthite
- Quartz
- Mica schist
- Contact showing dip
- Contact between pegmatite zones
- Strike & dip of foliation
- Outline of underground works
- Edge of cut or trench
- Dump
- Limit of exposure
W. C. Geouge Prospect
Mitchell County, North Carolina
DMEA - 4833 (mica)
0 10 20 Feet
SCB 12/57
rev. FGL 8/58

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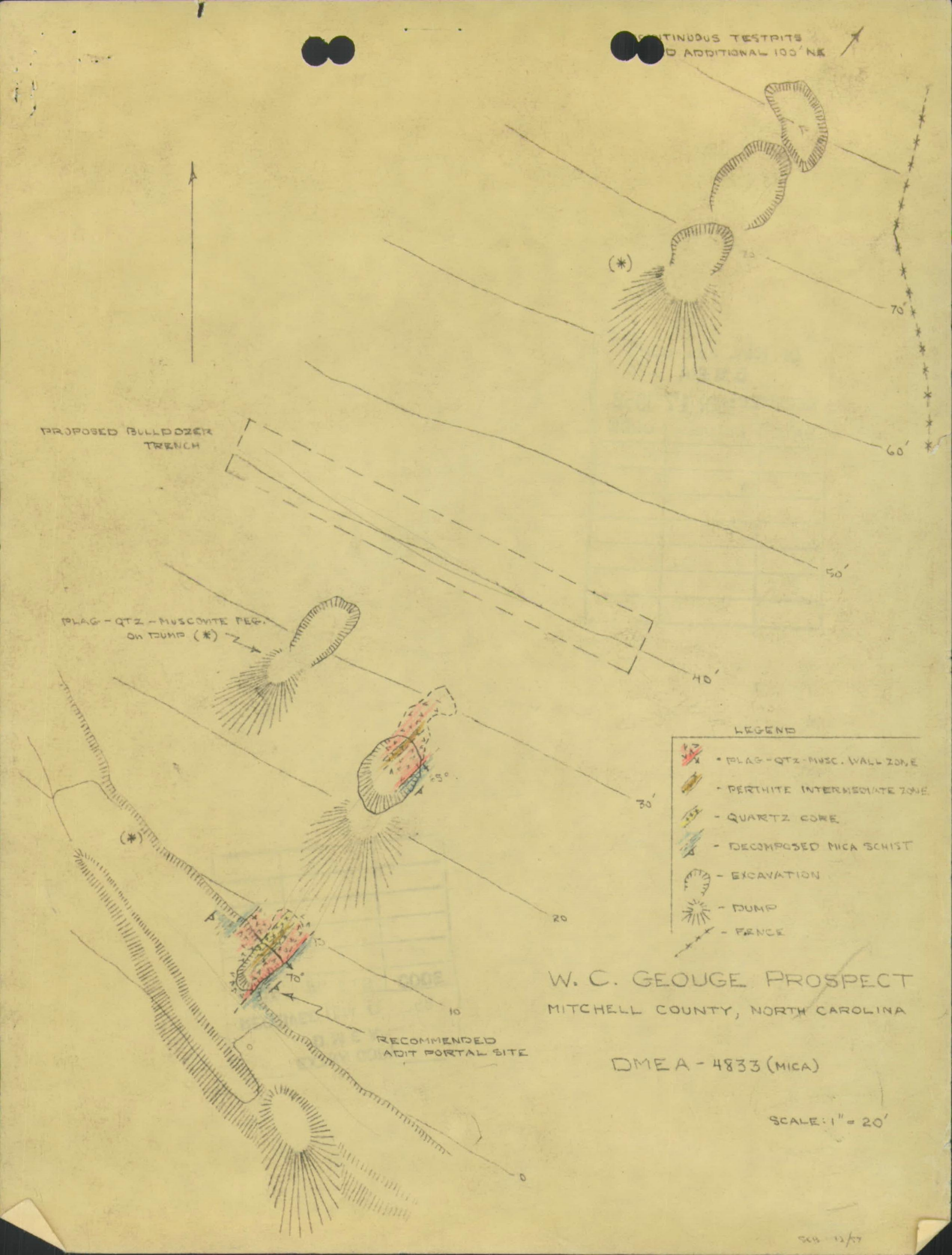
D M E A
RECEIVED AUG 11 1958

DATE	INITIALS	CODE


CONTINUOUS TESTPITS
AND ADDITIONAL 100' NE
(*)
70'
60'
50'
40'
30'
20
10
0
PROPOSED BULLDOZER TRENCH
PLAG - QTZ - MUSCOVITE PEG. ON DUMP (*)
(*)
-5°
70°
RECOMMENDED ADIT PORTAL SITE
LEGEND
- PLAG - QTZ - MUSC. WALL ZONE
- PERTHITE INTERMEDIATE ZONE
- QUARTZ CORE
- DECOMPOSED MICA SCHIST
- EXCAVATION
- DUMP
- FENCE
W. C. GEOUGE PROSPECT
MITCHELL COUNTY, NORTH CAROLINA
DMEA - 4833 (MICA)
SCALE: 1" = 20'

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 17 1958

DATE	INITIALS	CODE

EXTRA COPY
DMEA
RECEIVED JAN 9 1958

DATE	INITIALS	CODE