DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Idm-E NO._____

DMEA NO. 4936

Application
- [ ] Denied
- [ ] Withdrawn

Contract 27 MAY 1958 1195
- [ ] 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
- [x] Closing Letter
- [x] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [x] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [x] Project summary (final)
- [x] 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
- [x] Final Field Team Report (Tab)
- [x] Operator's Final Report (Tab)
- [x] Interim Field Team Reports
- [x] 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._____: Maps (Use pocket folder or envelope)

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

17963

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
5/22	[illegible]	600
5/22	[illegible]	600
5/25	Talbert	800
5/25	Selfridge	120
		110
5/26	[illegible]	220
		600

600

MAY 25 1959

Mr. H. Lee Medford

Altapass, North Carolina

Re: Docket No. DMEA-4936-Mica
H. Lee Medford
Little Brown Prospect
Upson County, Georgia
Contract No. Idm-E1195

Dear Mr. Medford:

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.

We appreciate your interest and participation in the DMEA exploration program which has now been succeeded by the Office of Minerals Exploration program.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

JWAlt:gad 5/22/59
Copy to: Dir. R. File
Region V
Audits
Mr. Kiilsgaard, USGS
Mr. Irving, USBM

43683

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

H. Lee Medford
Altapass, North Carolina

pertaining to Exploration Project Contract No. Idm-E1395, DMEA No. 4936, for June 1958 to October 1958, inclusive, covering a mica project at the Little Brown Mine, Upson County, Georgia.

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 claimed were under a contract provision for contribution by the Government on the basis of fixed unit costs for work performed.

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

Total cost billed by Operator		$4,676.00
Exceptions:		
Prior to this review	$ -0-	
Herewith	-0-	-0-
Accepted cost		$4,676.00

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	$3,507.00
Paid to date	1,887.00
Balance due Operator	$1,620.00

E. D. Talbert, Auditor

November 4, 1958

Government's copy

OFFICIAL FILE COPY
O. M. E.
RECEIVED NOV 24 1958

DATE	INITIALS	CODE

Long
Sawyer
Anderson
Hoch
Mapelli
Selfridge

TERMINATION AGREEMENT

It is agreed this 14th day of November, 1958, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter called the "Government," and H. Lee Medford, hereinafter called the "Operator," parties to that certain Exploration Project Contract Idm-E1195, Docket No. DMEA-4936, dated May 27, 1958, hereinafter called the "Contract," that:

1. Effective October 27, 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 hereby 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.

THE UNITED STATES OF AMERICA

H. LEE MEDFORD

By H. Lee Medford

Title owner

By Frank E. Johnson
ACTING Director, Office of Minerals Exploration

ORIGINAL FILE COPY
DMEA
RECEIVED JUN 16 1958

Government's copy

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
4936	Mica	**1195**	Upson	Georgia

It is agreed 27 MAY 1958, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and H. Lee Medford

whose mailing address is Altapass, 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 30 days from contract date, and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within five 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 $5,516.00. The Government will contribute 75 percent of the fixed unit cost of the work performed, not exceeding $4,137.00, 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: None

(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:

(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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Executed in sextuplicate the day and year first above written.

Ryter
Lawyer
App'd. Sol. Off.

H. Lee Medford (Operator)

H. Lee Medford

By .....

.....

THE UNITED STATES OF AMERICA

By .....
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

Krause
Hoch
Chambers
Selfridge
Johnson

EXPLORATION PROJECT CONTRACT
H. LEE MEDFORD
DOCKET NO. DMEA-4936

ANNEX I

The land referred to in Article 2 of the Contract form consists of 6½ acres, is known as the Little Brown Prospect, and is surrounded by land of the Miles Brown Estate. The property is located 0.5 miles east of Po Biddy Road and 4.5 miles south of Thomaston, Upson County, Georgia.

The Operator undertakes and represents that he is the owner of the land pursuant to a Warranty Deed, dated December 11, 1957, recorded in Deed Book 153, Folio 31, official records of Upson County, Georgia, and the description therein is incorporated in this Annex I by reference. The land is shown on the attached map entitled, "Figure I, Little Brown Prospect."

EXPLORATION PROJECT CONTRACT
H. LEE MEDFORD
DOCKET NO. DMEA-4936

EXHIBIT A

Description of the work

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. From the bottom of the open cut shown on the attached map, Figure I, at a site approved by the Government, sink a two-compartment shaft along the pegmatite or as close thereto as is practical, not to exceed a distance of 60 feet.

3. Within 5 feet of the bottom of the shaft, drift along the pegmatite or as close thereto as is practical, not to exceed a distance of 100 feet.

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

No payment shall be made for work completed closer than 100 feet to the outside boundary of the property.

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

Estimated Cost of the Project

1. Construct:	(a) Toolhouse 1/	$75.00	
	(b) Powder Magazine 1/	25.00	
	(c) Exploder Magazine 1/	16.00	$116.00
2. 60 feet of shaft @ $40/ft.			2,400.00
3. 100 feet of drift and/or crosscut @ $30/ft.			3,000.00
Estimated total cost of the project			$5,516.00
Government participation @ 75 percent			$4,137.00

1/ The completed work constitutes the unit.

2B; 4.00 DM&A- 4936

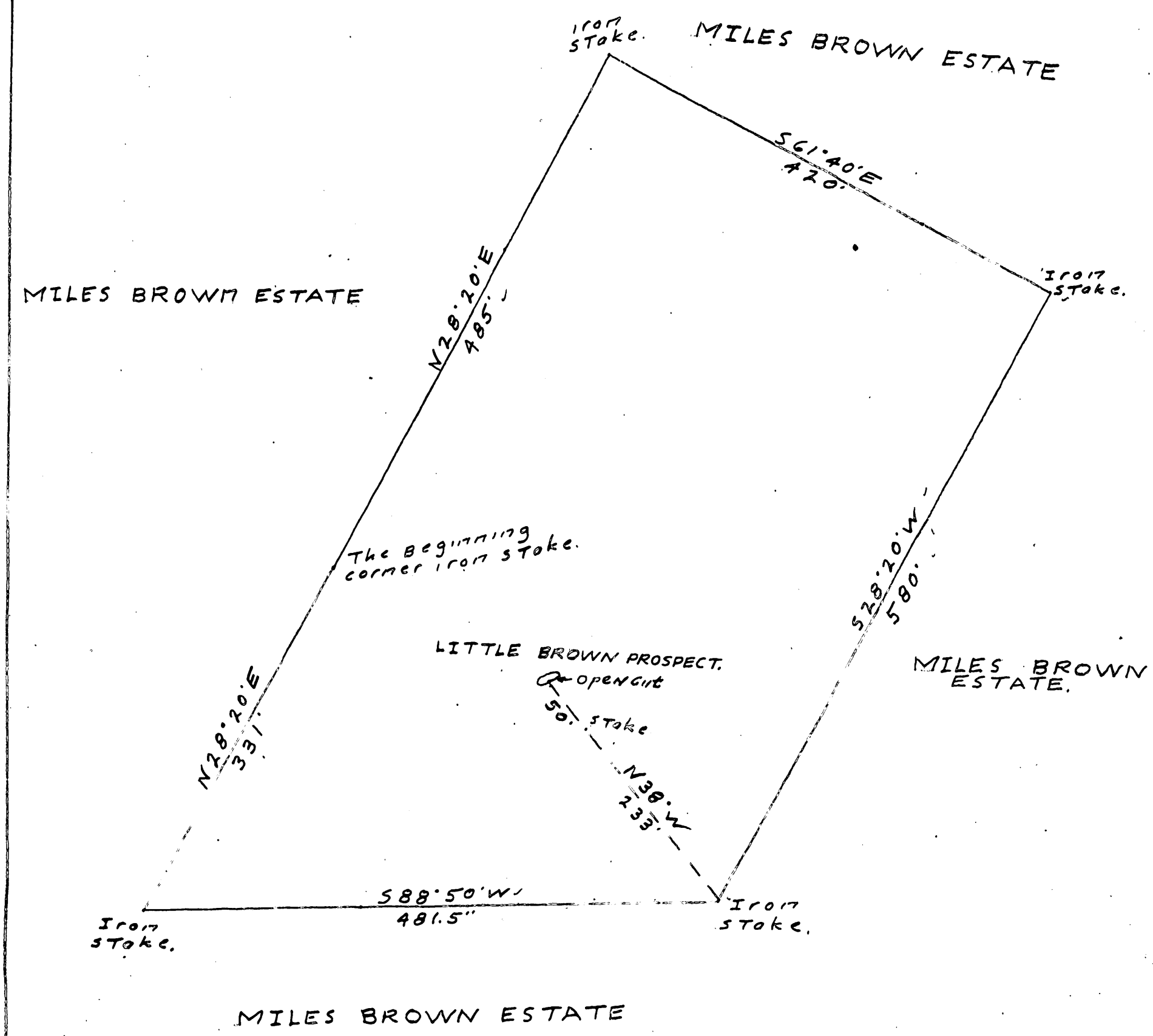


Figure I

"LITTLE BROWN PROSPECT"
BOUNDRY CONTAINS 6.5 ACRES
RECORDED IN BOOK # 153. FOLIO. 31.
UPSON CO. GEORGIA. DEC. 31. 1957
SCALE. 1" = 100'
DATE. THIS MAP. JAN. 25. 1958
PROSPECT LOCATED APPR. 5. MILES
SOUTH OF THOMASTON GEORGIA.

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

February 4, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 6
DATE

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Application from H. Lee Medford, Altapass, N. C.
Little Brown Prospect, Upson County, Georgia

Enclosed are the original and two copies of the subject application, received in this office. We are keeping the fourth copy of the application. Accompanying the application are the original warranty deed and a copy of a sales ticket. These should be returned to the Applicant after review in the Washington office.

Please note that, although the application is made by H. Lee Medford, an individual, it is signed by Vivian M. Harris who is secretary of Southern Mining Co., and the January 27 sale of mica was made by Southern Mining Company. It is our understanding that Mr. Medford is a partner of Southern Mining Company.

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

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

FORM APPROVED BY COMP. GEN. U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

WARRANTY AND ACCEPTANCE

DOMESTIC MICA PURCHASE PROGRAM (GSA REG. 7, AS AMENDED)

MICA PURCHASE DEPOT - [redacted]

DATE PURCHASED: [redacted]

ACCEPTANCE NUMBER: [redacted]

CERTIFICATE AUTHORIZATION NUMBER	LOT NUMBER	VOUCHER NUMBER	SCHEDULE NUMBER
[redacted]	[redacted]		

BASIS FOR FINAL SETTLEMENT: [x] PROGRAM A [redacted] [ ] PROGRAM B [ ] ALTERNATE PROGRAM B *(Under Regulation 7, Revision 3, as amended)*

NAME AND LOCATION OF MINE: [redacted]

TYPE OF MICA: [x] RUBY [ ] NONRUBY

PRELIMINARY PAYMENT

TOTAL POUNDS PURCHASED	AMOUNT OF INITIAL PAYMENT
[redacted]	$ [redacted]

WARRANTY

The undersigned warrants that this lot of mica, weight above indicated, meets the requirements of all applicable regulations and laws governing the Domestic Mica Purchase Program. Further, the undersigned hereby sells this lot of mica to the Government subject to all laws and regulations governing the Domestic Mica Purchase Program and agrees to accept the processing results as valid and correct and to refund unconditionally to the Government any overpayment, with the understanding that the amount of any underpayment will be paid by the Government to the Seller upon completion of the processing of this mica.

SELLER'S NAME AND ADDRESS *(Type or print)*

[redacted]

SELLER OR PERSON AUTHORIZED TO SIGN FOR SELLER

SIGNATURE

NAME *(Type or print)* [redacted]

TITLE *(Type or print)* [redacted]

ACCEPTANCE

This lot of mica, weight above indicated, is accepted for the Government subject to all pertinent regulations and laws governing the Domestic Mica Purchase Program.

GENERAL SERVICES ADMINISTRATION

BY *(Type name)*	SIGNATURE	TITLE
[redacted]		[redacted]

GSA WASH D C 58-3177

GSA FORM 1013 SEPTEMBER 1957

Form No. 24 WARRANTY DEED (Long Form)

STATE OF GEORGIA, County of UPSON.

THIS INDENTURE, Made this 11 day of December in the Year of Our Lord One Thousand Nine Hundred and fifty-seven between Paul Brown and wife, Mrs. Paul Brown, J. R. Brown, Jr. & Iva Jo Gossett of the State of Georgia and County of Upson of the first part, and R. Lee Medford [illegible] of the County of [illegible] of the second part,

WITNESSETH: That the said parties of the first part, for and in consideration of the sum of Five hundred dollars ($500) Dollars, to them paid at and before the sealing and delivery of these presents, the receipt of which is hereby acknowledged, have granted, bargained, sold and conveyed, and by these presents do grant, bargain, sell and convey unto the said party of the second part, his heirs and assigns, all that tract or parcel of land being a part of the 202½ acre tract of land devised by item two of the last will and testament of Miles B. Brown and wife Josephine Brown to Paul Brown and his wife and their children, which will is of record in the office of the Ordinary of Upson County, Georgia, in Will Book [illegible] page 75. Said land lying on the east side of Talbotton Road and being in the Fifteenth district of Upson County, Georgia (the said J. R. Brown, Jr. and Iva Jo Gossett being the only surviving children of Paul Brown and Mrs. Paul Brown as referred to in the will and in deed recorded [illegible] of Clerk of Superior Court, Upson County, Georgia).

The land hereby conveyed being more accurately and particularly described as follows:

Begin at the intersection of a field road with the southeast side of the tar and gravel surface on the public road running from State Highway Number 3 by way of Parker's Bridge to Highway Number [illegible] at Mt. Eddy. Said field road intersection being just across said road from the Miles Brown mica mine and following said field road in a southeasterly direction 2378 feet, more or less, to the [illegible] beginning (a point north 28 degrees and 20 minutes east [illegible] an iron cotton mill spindle); thence south 28 degrees [illegible] east 485 feet, more or less, to a steel cotton mill [illegible] [illegible] feet southeast of a six inch hickory tree; thence [illegible] 40 minutes east 420 feet, more or less, to [illegible] mill spindle; thence south 28 degrees 20 minutes west [illegible] more or less, to another cotton mill spindle; thence south [illegible] and 50 minutes west 481.5, more or less, to another cotton mill spindle; thence north 28 degrees and 20 minutes east 331 feet, [illegible] road, containing 6½ acres, more or less.

The above tract of land is bounded north, east, south and west, by lands of the Miles Brown Estate.

Parties of the First Part, also grant to Party of the Second Part his heirs and assigns an easement 30 feet wide along the entire distance of the road as hereinabove described for the purpose of ingress, egress, and regress to and from the herein conveyed premises. They also grant to Party of the Second Part and his heirs and assigns a right-of-way for a Rowan line from the above referred to hard surface road to the herein conveyed premises. Said easement to be located at the convenience of the Power Company and selected by it [illegible]

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular the rights, members and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of the said party of the second part, his heirs and assigns, forever, in Fee Simple.

AND THE SAID part ies of the first part, for their heirs, executors and administrators, will warrant and forever defend the right and title to the above described property, unto the said party of the second part, his heirs and assigns, against the claims of all persons whomsoever.

IN WITNESS WHEREOF, the said part ies of the first part have hereunto set their hand and seals, the day and year above written.

Signed, sealed and delivered in presence of:

[illegible] Smith

[illegible] Christine Eubanks

[illegible] Upson County, Ga.

Paul Brown Sr. (Seal)

Mrs. Paul Brown Sr (Seal)

J. P. Brown Jr (Seal)

Iva Jo (Brown) Gossett (SEAL)

Paul Brown
Mrs. Paul Brown Jr
G. P. Brown Jr
Iva Jo Gossett

H. Lee Medford

GEORGIA, County

Clerk's Office, Superior Court

Filed for Record [illegible] 10 day of [illegible] A.D.

Dec. [illegible] 57

Recorded in Deed Book 213 Page 31

Dec 31 57

R. M. Bethel Clerk

Form MF-103
Revised Feb. 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)

H. Lee Medford
Altapass, N.C.

APPLICANT NOT TO USE THIS BLOCK

Docket Number: 4936
Date Received: 2-6-58
Government Participation %:
Region: V
Division Code: 600

BUSINESS ORGANIZATION (Check one)

- Individual ✓
- Corporation
- Partnership
- Other (Specify)

State in which firm is organized: Georgia

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title

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

Estimated Cost of Project: $ 5000.00

LOCATION OF PROPERTY

Name	County	State
Little Brown	Upson	Ga

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.

2-1-58
Dated

Lucian M. Harris
BY (Signature)

Secretary
Title

RECEIVED FEB 3 U.S. Geological Survey

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

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 6

DATE	INITIALS	CODE

Information Required with Application

1. Applicants Property Rights.
   a. Owner. (Warranty Deed Enclosed)

2. Physical Descriptions
   a. Map enclosed.
   b. Owner.
   c. 33.50 lbs. mica sold. Initial payment received. (352.68) Settlement Sheet enclosed.

3. Accessibility Project

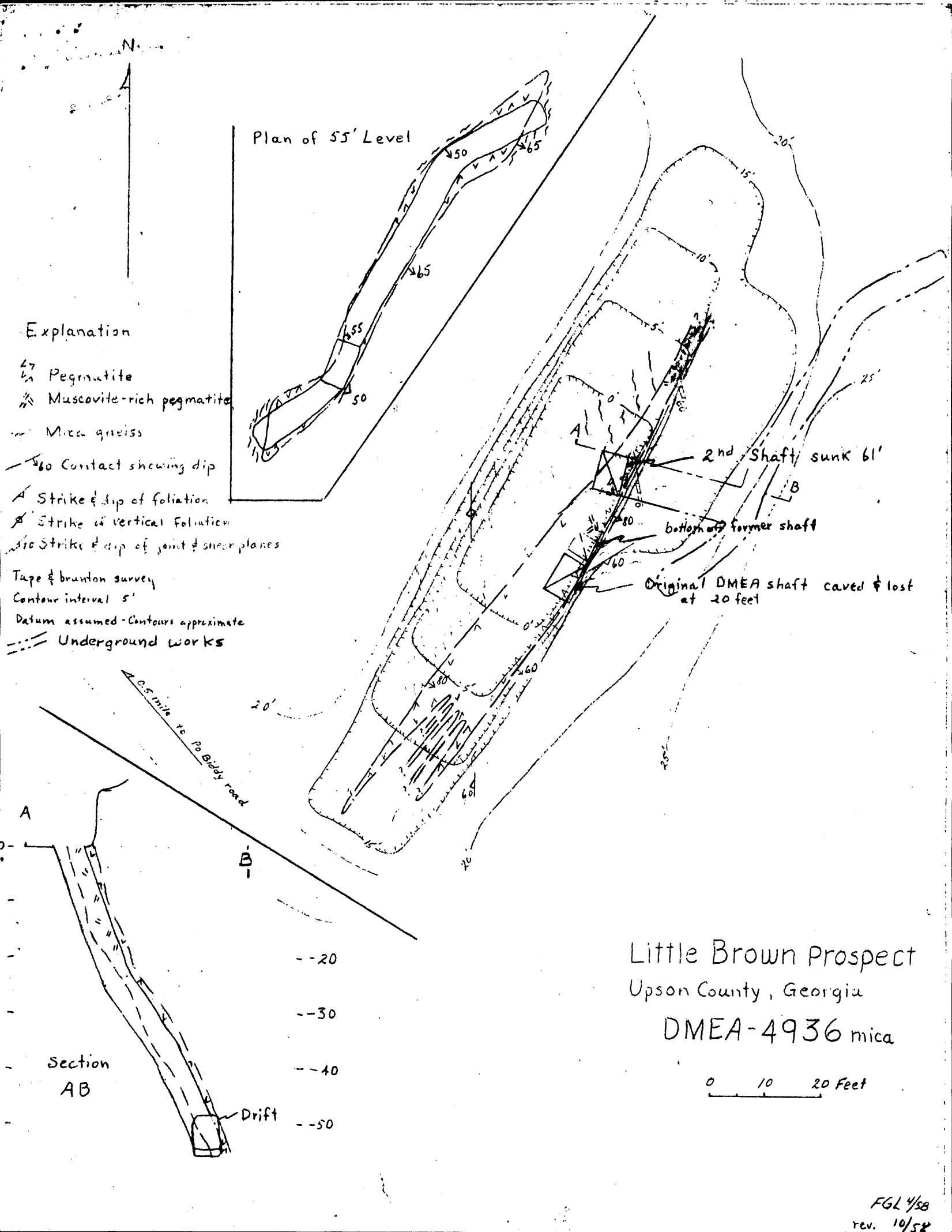
   a. Lee Medford will meet DMEA Representatives at their convenience. He is working the Mathus Prospect in Thomaston Ga., which is approximately 5 miles from Little Brown Prospect, and is there Monday through Friday.

4. The Exploration Project
   a. Map enclosed.

5. Experience---30 years in mining.

6. Estimate of costs---$5000.00.

7. Mining equipment owned by Applicant.



FGL 4/58
rev. 10/58

EXTRA COPY
O. M. E.
RECEIVED DEC 22 1958

DATE	INITIALS	CODE

28; 4.00 DM&A- 4936

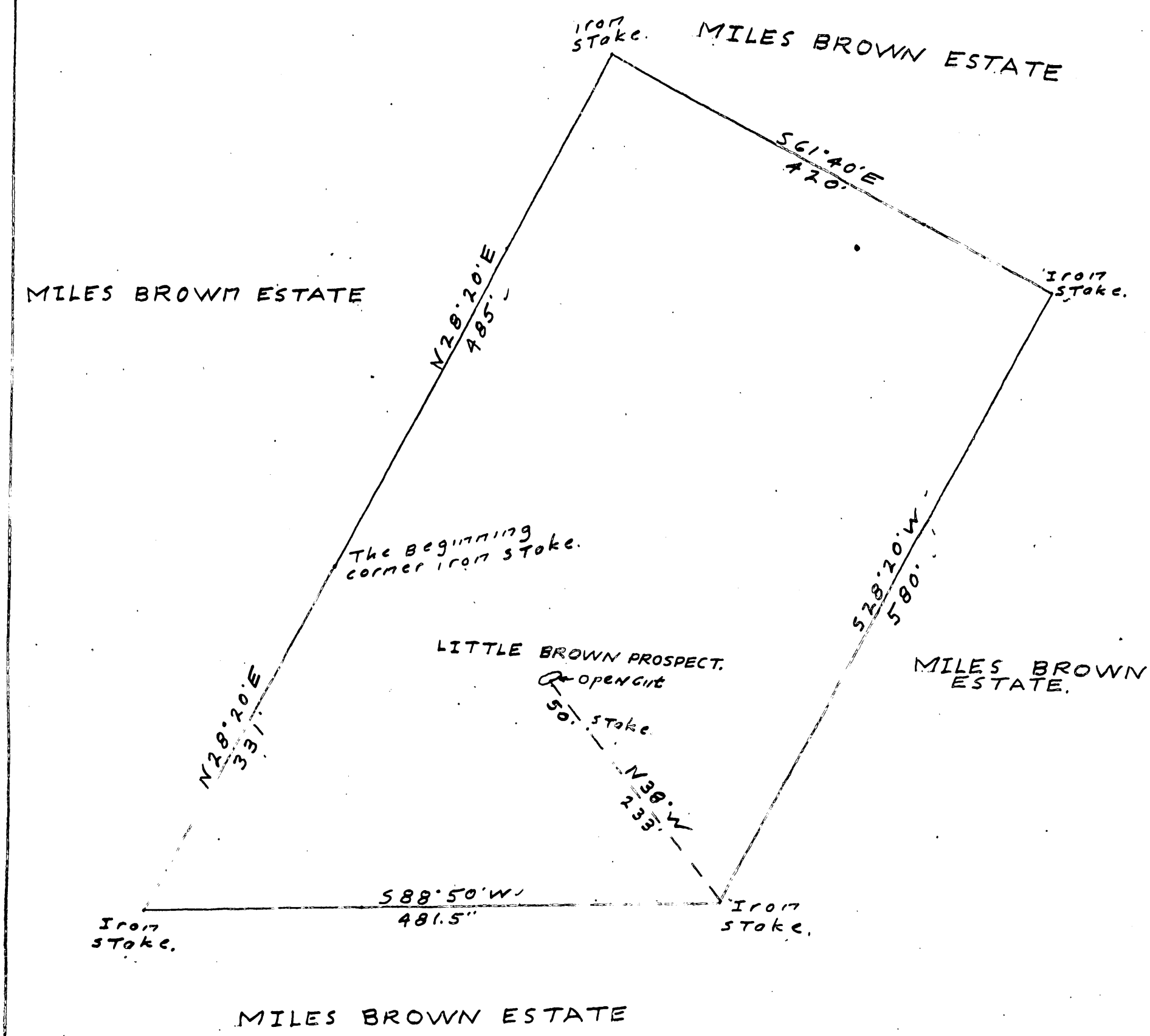
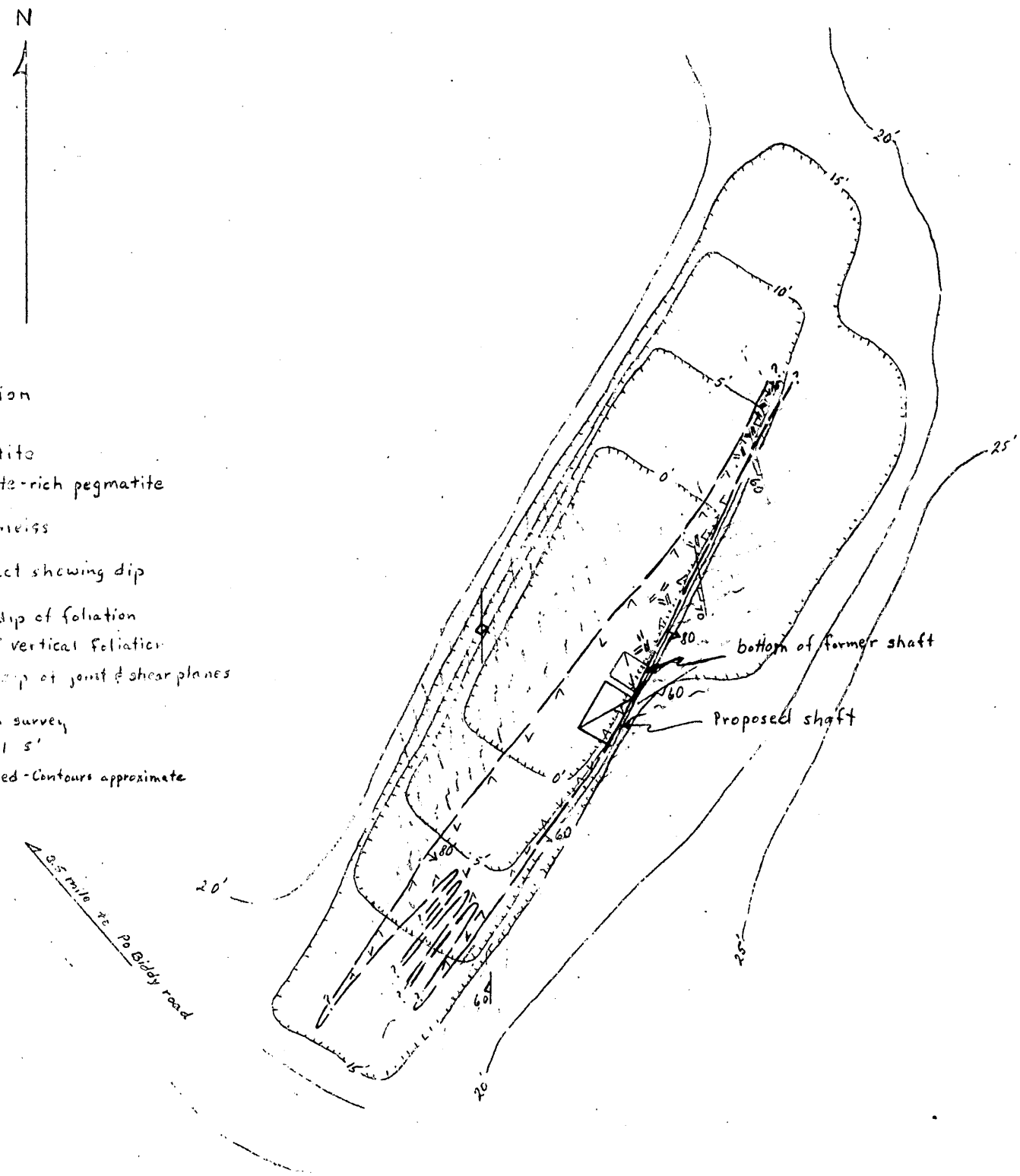


Figure I

"LITTLE BROWN PROSPECT"
BOUNDRY CONTAINS 6.5 ACRES
RECORDED IN BOOK # 153. FOLIO. 31.
UPSON CO. GEORGIA. DEC. 31. 1957
SCALE. 1" = 100'
DATE. THIS MAP. JAN. 25. 1958
PROSPECT LOCATED APPR. 5. MILES
SOUTH OF THOMASTON GEORGIA.

N



Little Brown Prospect

Upson County, Georgia

DMEA-4936 mica

0 10 20 Feet

FGL 4/58

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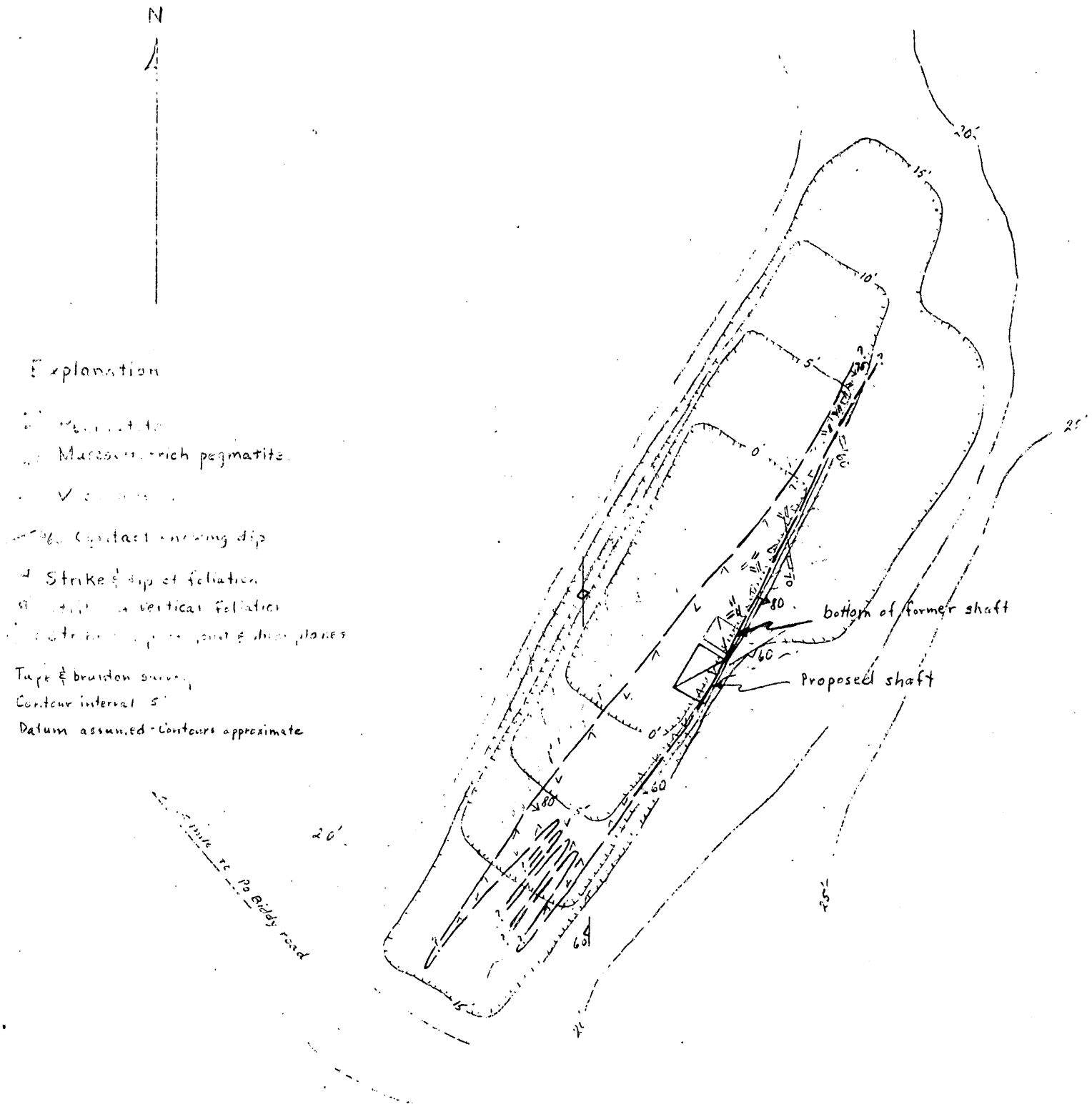
DATE	INITIALS	CODE



Little Brown Prospect

Upson County, Georgia

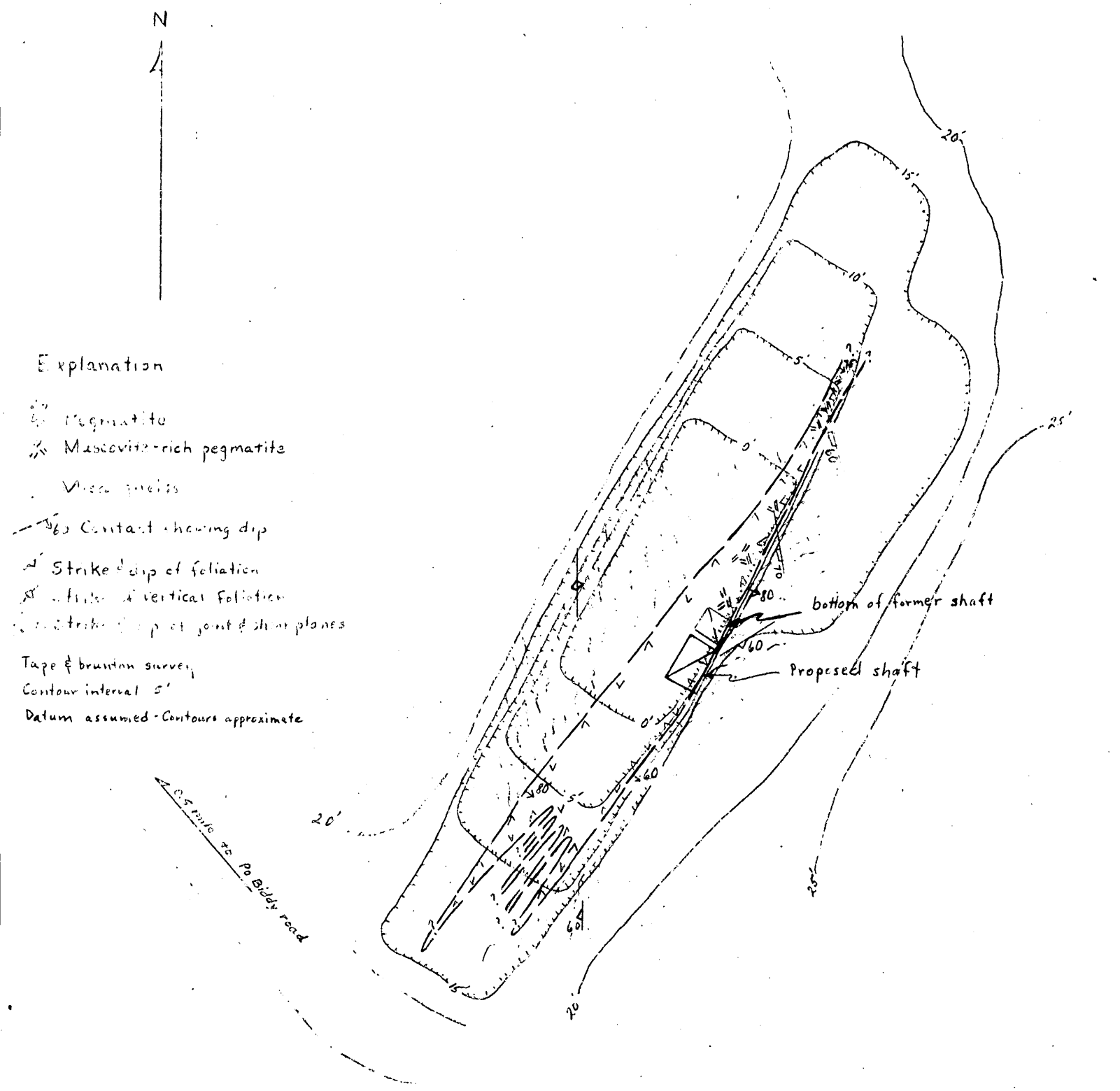
DMEA-4936 mica

0 10 20 Feet

FGL 4/58

EXTRA COPY
D M E A
RECEIVED MAY 8 1958

DATE	INITIALS	CODE



Little Brown Prospect

Upson County, Georgia

DMEA-4936 mica

0 10 20 Feet

FGL 4/58

15

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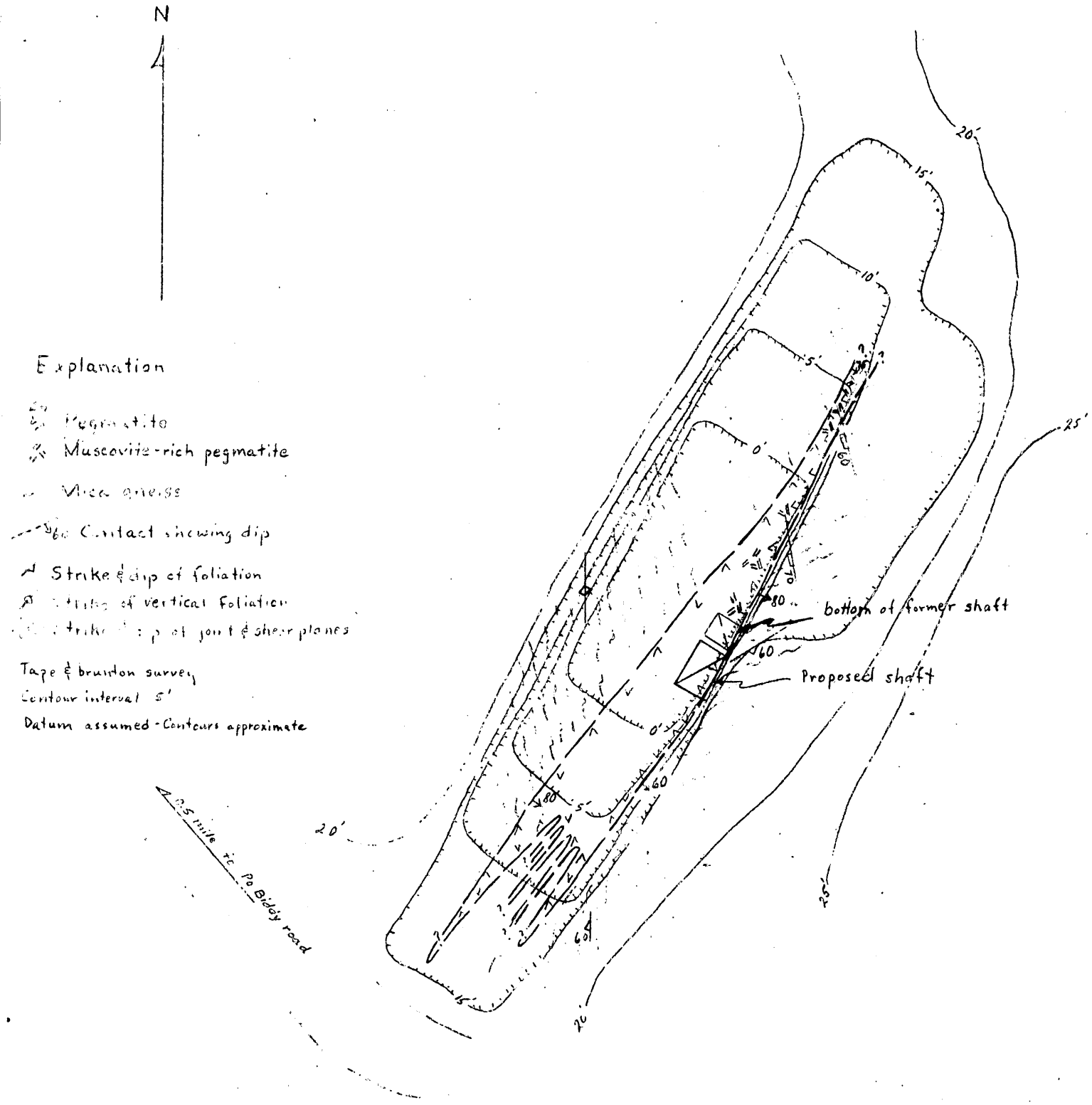
RECEIVED MAY 8 1958

DATE	INITIALS	CODE



Little Brown Prospect

Upson County, Georgia

DMEA-4936 mica

0 10 20 Feet

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18

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DMEA
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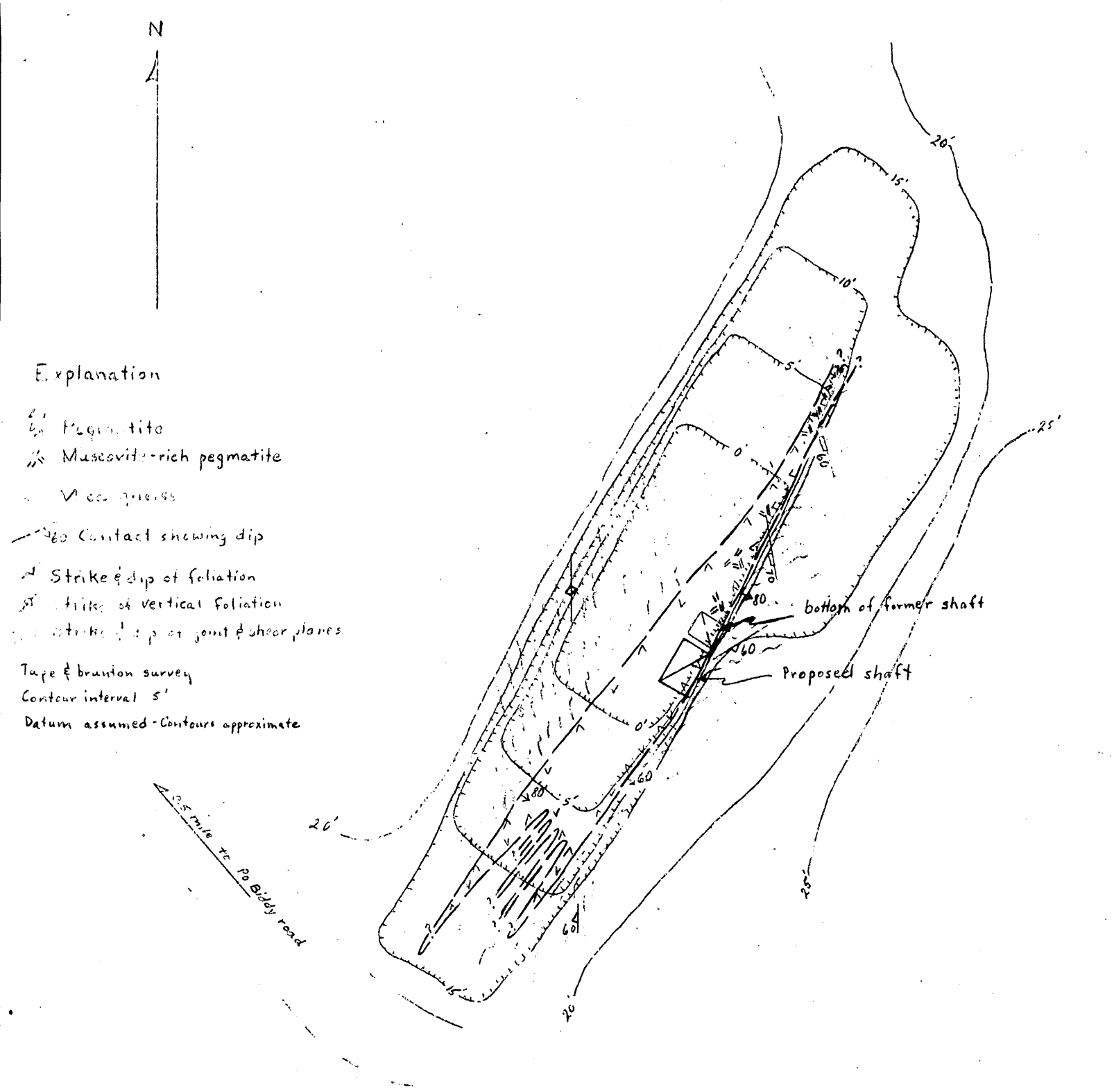
DATE	INITIALS	CODE



Little Brown Prospect

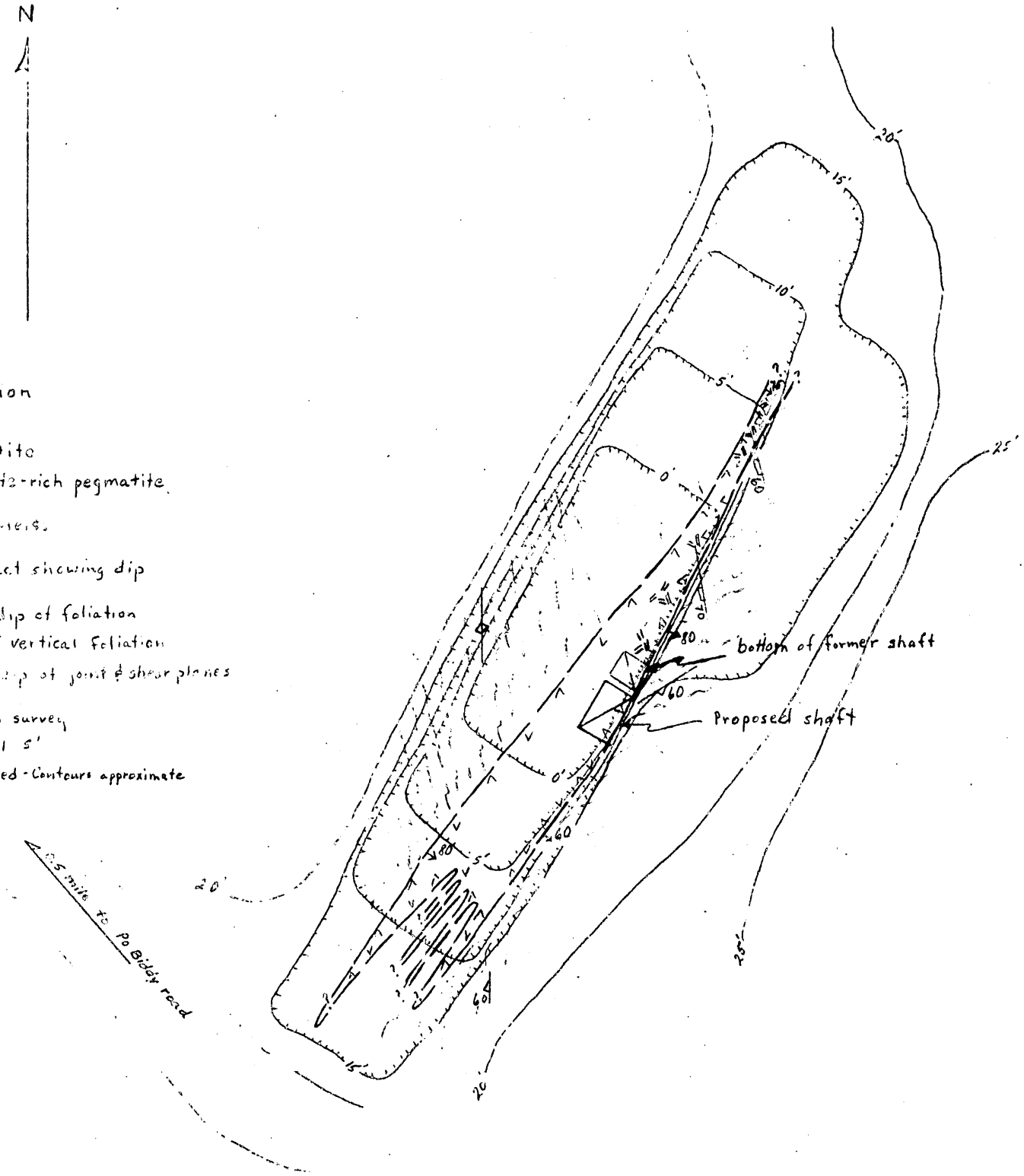
Upson County, Georgia

DMEA-4936 mica

0 10 20 Feet

FGL 4/58

DOCUMENT
BY
RECEIVED
DATE | INITIALS | CODE



Little Brown Prospect

Upson County, Georgia

DMEA-4936 mica

0 10 20 Feet

FGL 4/88

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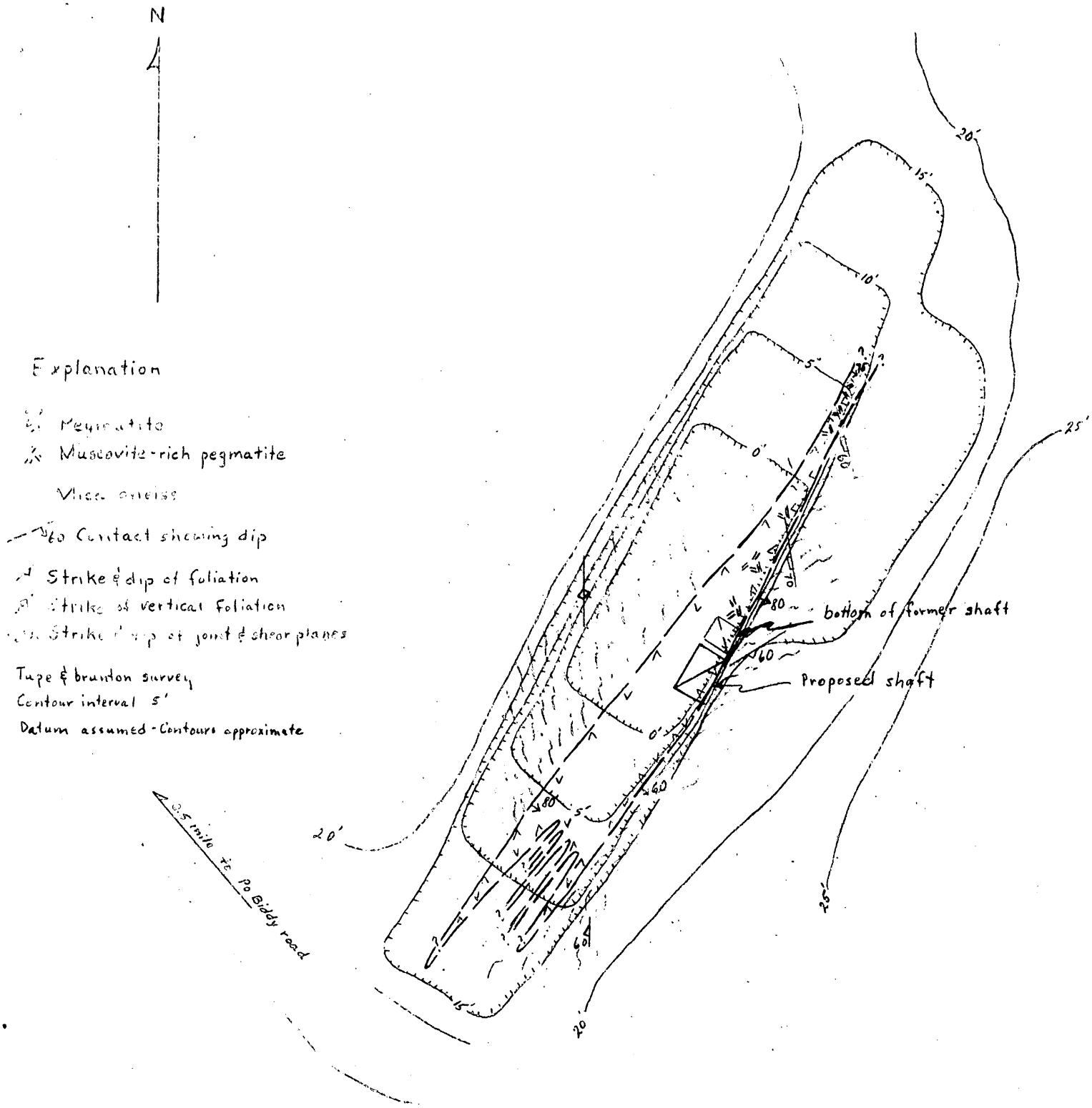
DATE	[illegible]	CODE



Little Brown Prospect

Upson County, Georgia

DMEA-4936 mica

0 10 20 Feet

FGL 4/58

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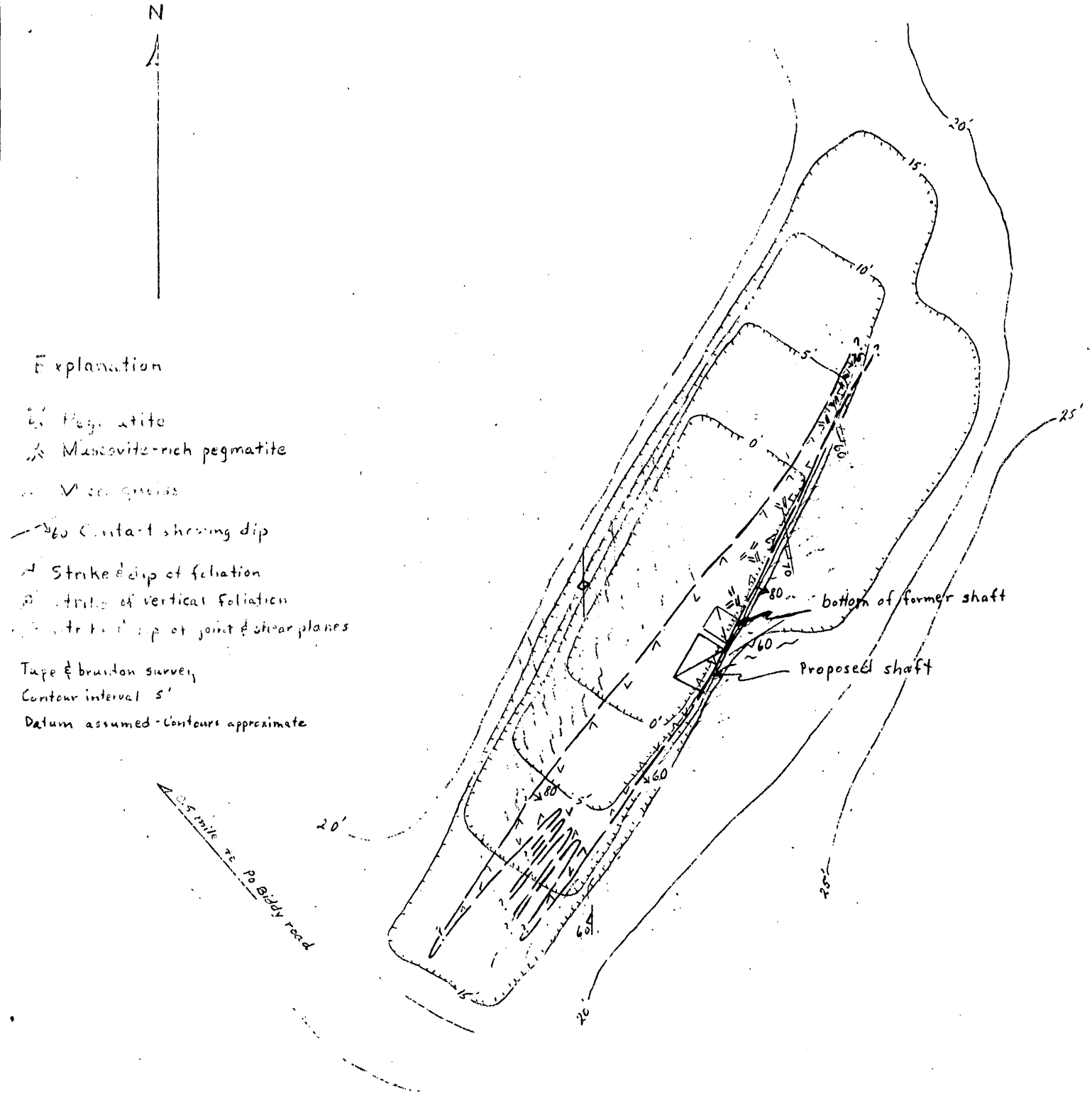
DATE		CODE



Little Brown Prospect

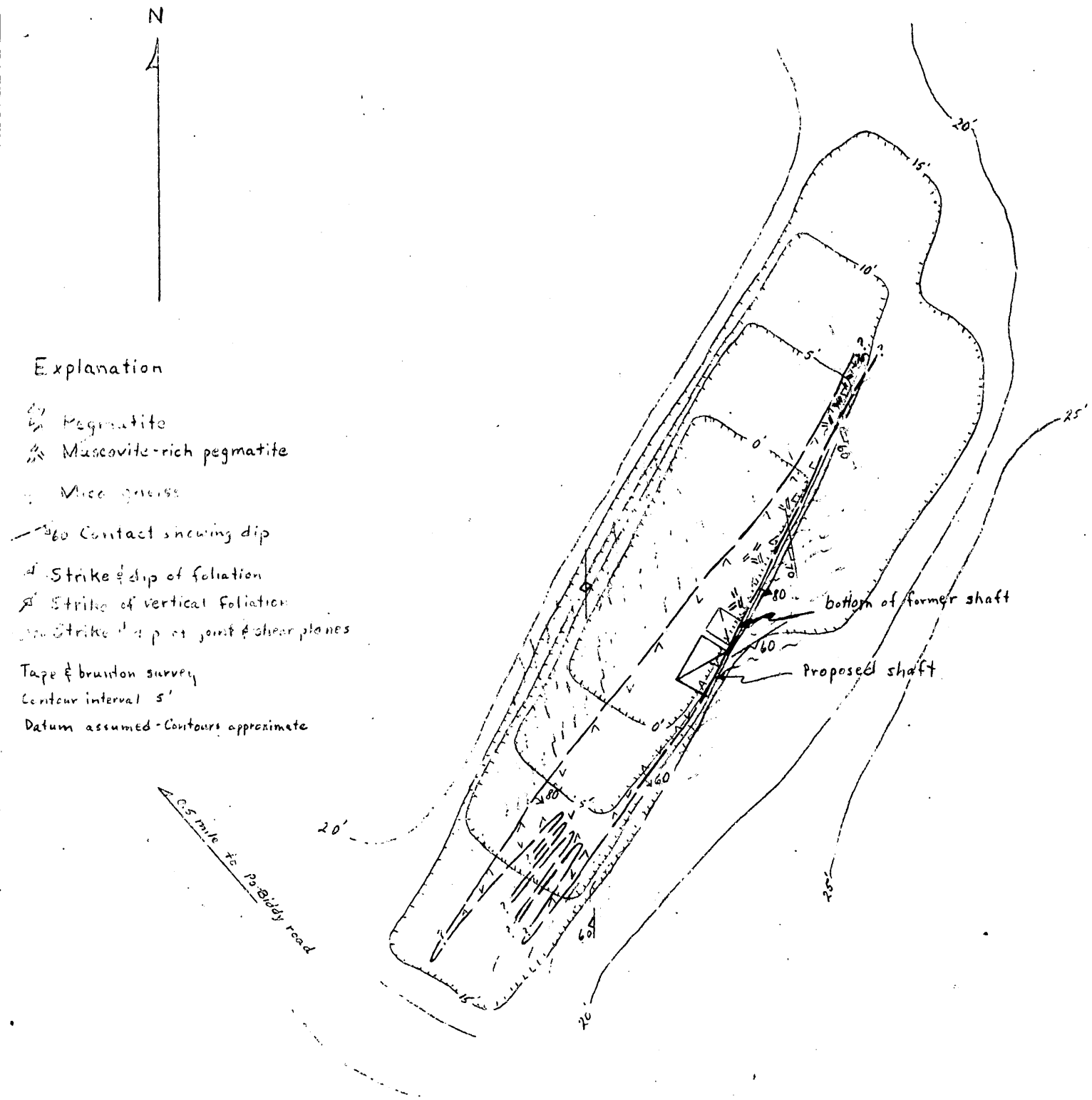
Upson County, Georgia

DMEA-4936 mica

0 10 20 Feet

FGL 4/58

EXTRA COPY
D M E
RECEIVED MAR 8 1958
DATE | | CODE



Little Brown Prospect

Upson County, Georgia

DMEA-4936 mica

0 10 20 Feet

FGL 4/58

EXTRA COPY
D M E A
RECEIVED MAR 8 1958

DATE	[illegible]	CODE

Project Summary Report

By: J. W. Alt May 18, 1959

1. Docket No. DMEA-4936-Mica
Contract No. Idm-E1195
Little Brown Prospect
Upson County, Georgia

Application: Form MF-103 (February, 1957) received February 6, 1958.
Work proposed by Applicant:
No work program is outlined -- estimated total cost $5,000.00.

Operator: H. Lee Medord
Altapass, North Carolina

Operator's property rights: Owner of 6½ acres.

2. Contract: Form MF-200A (April 1956) dated May 27, 1958

Work authorized:			
1. Construct	(a) Toolhouse	$75.00	
	(b) Powder Magazine	25.00	
	(c) Exploder Magazine	16.00	
			$116.00
2. 60 feet of shaft @ $40.00/ft.			2,400.00
3. 100 feet of drift and/or crosscut @ $30.00/ft.			3,000.00
Estimated total cost of the project			$5,516.00
Government participation @ 75%			$4,137.00

Amendments: None

Work Completed:

72 feet of drift @ $30.00/ft.	$2,160.00
60 feet of shaft sinking @ $40.00/ft.	2,400.00
New Buildings	116.00
Total cost of project	$4,676.00

Work started June 16, 1958. Contract terminated by mutual agreement, effective October 27, 1958. Field Team final report received December 22, 1958. Operator's final report received October 27, 1958. No equipment purchased under contract. The amount of royalty received to April 28, 1959, is $55.24 from production of 1,500 pounds of mine-run mica and 1,000 pounds of hand cobbed mica.

3. Audit: Report of Review issued November 4, 1958

Total accepted cost	$4,676.00
Government participation @ 75%	$3,507.00

97023

DEFENSE MINERALS ADMINISTRATION

PRODUCTION EXPANSION DIVISION

PROCUREMENT APPLICATIONS

Name of Company and Address _____

Name of Mine and Location _____

Docket No. DMA - _____ Date received by P.E.D. _____

Metals or Minerals involved _____

Length of Contract (preproduction plus production) _____

Amount of Metals or Minerals in tons, units or pounds _____

Floor price or Guaranteed price and whether or not escalated _____

Maximum Government Commitment _____

Comments on Contract: _____

_____

_____

_____

_____

_____

Date sent to Legal Division _____

Date of Recommendation to D.P.A. for Certification _____

Date Certification sent to G.S.A. by D.P.A. _____

Date signed into Contract by G.S.A. _____

Additional Remarks: _____

_____

_____

_____

_____

NOTE: If application is denied, or if it is recommended for change into exploration, etc., please state under additional remarks.

Signed _____

Interior—Duplicating Section, Washington, D. C.

4. Certification of discovery: None issued.

5. Comments:

How conducted: All work in which the Government participated was acceptable.
Operation: At first the contract work was slow and inefficient. A vertical and incline shaft was started and when it was down 20 feet it was lost by caving when too heavy a shot was set off. The Operator employed a new minor-driller, started a new shaft and the work from then on was done quickly and efficiently.
Engineering: Operator's reports including final report contain only meager information.
Geological premise: Mica of strategic quality exposed in a bulldozer trench.
Geological criteria upon which work was based:

1. An irregular pegmatite dike about 115 feet long and 2 to 11 feet wide is exposed in a bulldozer trench 20 feet deep. Muscovite of strategic quality is concentrated in areas along the hanging wall of the pegmatite.
2. Mica -- ruby and good quality. Muscovite in books up to 3 by 5 inches is present in the pegmatite.
3. Production -- Applicant reports that mica produced during the bulldozing was trimmed and sold for $2,000 to $3,000.

Criteria developed during project:

1. Pegmatite: Consists of a course grained mixture of perthite, plagioclase, quartz, biotite, and muscovite. Muscovite is concentrated along the hanging wall near the surface and was recovered in the shaft to a depth of 20 feet. At the drift level muscovite occurs only as scrap size material. The pegmatite appears to pinch out at both ends of the contract drift.
2. Mica: Recovered on surface and in the shaft to a depth of 20 feet, is of good quality and ruby.

Future possibilities: Additional exploration work on this property is not warranted.

Recommendations: Division of Nonmetallic Minerals concurs in the Field Team's recommendation that no certification be made.

J. W. Alt

J. W. Alt
Division of Nonmetallic Minerals

DEFENSE MINERALS ADMINISTRATION

97023

PRODUCTION EXPANSION DIVISION

PROCUREMENT APPLICATIONS

Name of Company and Address _____

Name of Mine and Location _____

Docket No. DMA - _____ Date received by P.E.D. _____

Metals or Minerals involved _____

Length of Contract (preproduction plus production) _____

Amount of Metals or Minerals in tons, units or pounds _____

Floor price or Guaranteed price and whether or not escalated _____

Maximum Government Commitment _____

Comments on Contract: _____

_____

_____

_____

_____

_____

Date sent to Legal Division _____

Date of Recommendation to D.P.A. for Certification _____

Date Certification sent to G.S.A. by D.P.A. _____

Date signed into Contract by G.S.A. _____

Additional Remarks: _____

_____

_____

_____

_____

NOTE: If application is denied, or if it is recommended for change into exploration, etc., please state under additional remarks.

Signed _____

Interior--Duplicating Section, Washington, D. C.

☑ Audited 11/4/58

☐ Certified

Name H. Lee Medford

State Georgia

WORK ANALYSIS SHEET - DMEA PROJECT

Analysis as of 10/13/58

Incl. Voucher for Sept. 58

Commodity Mica

☐ Actual Cost

☑ Agreed Unit Costs

Docket No. 4936

Idm-E No. 1195

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	100 Ft.	3000.00	72	2160.00	2160.00
Raising					
Shafts	60 Ft.	2400.00	60	2400.00	2400.00
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.		116.00		116.00	116.00
Other (Specify)					
Totals		5516.00		$4676.00	$4676.00

Prepared by Walter C. Anderson

71626

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.

April 14, 1959

Memorandum

To: Finance Officer, Region V (OME)

From: Executive Officer, OME - Region V - Knoxville

Subject: Royalty Payment - DMEA-4936, Idm-E1195(mica)
Little Brown Mine, Upson County, Georgia

Attached are settlement sheets for mica sold from the subject mine in the amount of $740.72 and their check for 5% royalty in the amount of $37.04. Mr. Medford stated in a letter accompanying the settlements sheets that this was the final payment.

Robert A. Laurence

z

CK.no.519,
dated 4-12-59--$15.45

ck.no.521, dated
4-12-59--$21.59
F. Johnson - OME L

3704
18 v 0
$5.24

OFFICIAL FILE
O. M. E.
RECEIVED APR 16
DATE INITIAL
4/16 C

220
600

244.34
104.52
82.86
309.00

740.72

APPROVED BY CO[illegible] U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT - PROGRAM B - MICA PURCHASE

(MICA REGULATION 7, REVISION 3, AMENDMENT 2, FURTHER AMENDED BY 4 AND 8)

MICA PURCHASE DEPOT - Spruce Pine, N. C.

DATE PURCHASED: 10-22-58

ACCEPTANCE NUMBER: BR3-74(a) Max. $600

W.A.I. NUMBER	LOT NUMBER	VOUCHER NUMBER	SCHEDULE NUMBER
[redacted]-4-293 B	SPBR-74(a)		

TYPE OF MICA: [X] RUBY [ ] NONRUBY

POUNDS PURCHASED: 1030.00

INITIAL PAYMENT: $ 88.86

STATEMENT OF ACTUAL YIELD

QUALITY	POUNDS	PROGRAM A - VALUE STAINED MICA (5)
1. GOOD STAINED AND BETTER	14.78 14.78	
2. STAINED	20.03 20.03	$ 155.18
3. HEAVY STAINED	16.64 16.64	
4. TOTAL YIELD	51.45 51.45	

COSTS

3.94 3.94 B Spotted 1.66 B Stain

6. RIFTING: 92 HOURS X $ 1.05 = $ 96.60 (96.60)

7. TRIMMING: 296½ HOURS X $ 1.10 = $ 325.88

8. RIFTING AND TRIMMING (Per pound)

TOTAL COSTS (Items 6 and 7) $ 422.48 (422.48) ÷ TOTAL YIELD (Item 4) 51.45 = COST PER LB. $ 8.21

COMPUTATION OF FINAL PAYMENT

9. POUNDS OF GOOD STAINED AND BETTER (Item 1) 14.78 $ [redacted] RUBY X $ 37.037 PER LB. - RUBY =	$ 547.41
10. POUNDS OF STAINED (Item 2)	NUMBER OF POUNDS 20.03
11. POUNDS OF GOOD STAINED AND BETTER (Item 1) 14.78 x 1.5 = EQUIVALENT LBS. OF STAINED	NUMBER OF POUNDS 22.17
12. DIFFERENCE (Item 10 minus 11)	NUMBER OF POUNDS -0-
13. PROGRAM A - VALUE OF STAINED (Item 5) $ 155.18 ÷ LBS. OF STAINED (Item 2) 20.03 =	(Per lb.) $ 7.75
14. DUE SELLER ON STAINED (Item 12) X (Item 13) $ =	$
15. TOTAL (Item 9 + Item 14)	$ 547.41
16. COST OF RIFTING AND TRIMMING (Item 12 x Item 8)	$
17. GROSS AMOUNT DUE SELLER (Item 15 - Item 16)	$ 547.41
18. MAXIMUM ALLOWABLE (1030.00 lbs. X 30¢)	$ 309.00
19. INITIAL PAYMENT	$ 88.86
20. DUE [X] SELLER [ ] GOVERNMENT	$ 220.14

NAME AND LOCATION OF MINE

Little Brown, Upson County, Ga.

SELLER'S NAME AND ADDRESS (Type or print)

Cheek Rice

Southern Mining Co.
Altapass, N. C.

APPROVED

DEPOT SUPERINTENDENT

[signature]

DATE 3-20-59

GSA WASH D C 58-3177

GSA FORM 1013b

COPY

FORM APPROVED BY COMP. GEN., U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

WARRANTY AND ACCEPTANCE

DOMESTIC MICA PURCHASE PROGRAM (GSA REG. 7, AS AMENDED)

MICA PURCHASE DEPOT - Spruce Pine, N. C.

DATE PURCHASED: 7-28-58

ACCEPTANCE NUMBER: AR3-77

CERTIFICATE AUTHORIZATION NUMBER	LOT NUMBER	VOUCHER NUMBER	SCHEDULE NUMBER
DMS-4-1877A	SPAR-77		

BASIS FOR FINAL SETTLEMENT: [X] PROGRAM A [ ] PROGRAM B [ ] ALTERNATE PROGRAM B *(Under Regulation 7, Revision 3, as amended)*

NAME AND LOCATION OF MINE: Little Brown, Upson County, Ga.

TYPE OF MICA: [X] RUBY [ ] NONRUBY

PRELIMINARY PAYMENT

TOTAL POUNDS PURCHASED	AMOUNT OF INITIAL PAYMENT
13.00	$ 140.72

WARRANTY

The undersigned warrants that this lot of mica, weight above indicated, meets the requirements of all applicable regulations and laws governing the Domestic Mica Purchase Program. Further, the undersigned hereby sells this lot of mica to the Government subject to all laws and regulations governing the Domestic Mica Purchase Program and agrees to accept the processing results as valid and correct and to refund unconditionally to the Government any overpayment, with the understanding that the amount of any underpayment will be paid by the Government to the Seller upon completion of the processing of this mica.

SELLER'S NAME AND ADDRESS *(Type or print)*

Southern Mining Co.
Altapass, N. C.

SELLER OR PERSON AUTHORIZED TO SIGN FOR SELLER

SIGNATURE: (Sgd) H. Lee Medford

NAME *(Type or print)*:

TITLE *(Type or print)*: Partner

ACCEPTANCE

This lot of mica, weight above indicated, is accepted for the Government subject to all pertinent regulations and laws governing the Domestic Mica Purchase Program.

GENERAL SERVICES ADMINISTRATION

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

COPY

FORM APPROVED BY COMP. GEN., U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT - MICA PURCHASE

MICA PURCHASE DEPOT - _____

PROGRAM: [X] A [ ] B

DATE PURCHASED: 7-28-58

ACCEPTANCE NUMBER: AR3-77(a)

CERTIFICATE AUTHORIZATION NUMBER	LOT NUMBER	VOUCHER NUMBER	SCHEDULE NUMBER
DMS-4-1877A	SPAR-77(a)		

EVALUATION DATA

RUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$
GRADES NO. 4 AND 5				1.40	40.00	56.00
GRADES NO. 5½ AND 6				9.71	17.70	171.87
STAINED						
GRADES NO. 3 AND LARGER		12.00			31.90	
GRADES NO. 4 AND 5		5.00		.19	18.25	3.47
GRADES NO. 5½ AND 6		3.00		1.69	7.55	12.76
HEAVY STAINED						
GRADES NO. 3 AND LARGER		8.00			14.80	
GRADES NO. 4 AND 5		4.00			6.85	
GRADES NO. 5½ AND 6		2.00		.06	4.00	.24
TOTALS			$			$

NONRUBY

GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$
GRADES NO. 4 AND 5					40.00	
GRADES NO. 5½ AND 6					17.70	
STAINED						
GRADES NO. 3 AND LARGER		9.60			25.55	
GRADES NO. 4 AND 5		4.00			14.60	
GRADES NO. 5½ AND 6		2.40			6.55	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		6.40			11.85	
GRADES NO. 4 AND 5		3.20			5.45	
GRADES NO. 5½ AND 6		1.60			4.00	
TOTALS			$			$

TOTAL YIELD AND VALUE [X] RUBY [ ] NONRUBY *(Half trim plus full trim)*	13.05 LBS.	$ 244.34
ADJUSTED VALUE WHEN LESS THAN 18% GS & B (ABOVE VALUE $ _____ X _____ ÷ 18)		$
FOR PROGRAM B, DEDUCT $4.00 PER POUND FOR RIFTING AND TRIMMING		
FINAL BASIS FOR PAYMENT		$ 244.34
LESS: INITIAL PAYMENT VOUCHER NUMBER SCHEDULE NUMBER		140.72
BALANCE DUE [X] SELLER [ ] GOVERNMENT		$ 103.62

NAME AND LOCATION OF MINE

Little Brown, Upson County, Ga.
% GS & B 85.13

PROCESSED FOR PAYMENT (LBS.)	13.05
PROCESSED - NO PAYMENT (LBS.) THINS	
BLACK *(Dots, Spots, Stained)*	
UNDERSIZED	
PROCESSING ~~LOSS~~	.05 Gain
TOTAL POUNDS PURCHASED	13.00

SELLER'S NAME AND ADDRESS *(Type or print)*

Southern Mining Co.
Altapass, N. C.

APPROVED

DEPOT SUPERINTENDENT

(Sgd) J. P. McKinney

DATE

8-22-58

GSA WASH D C 58-3177

GSA FORM 1013a SEPTEMBER 1957

COPY

FORM APPROVED BY COMP. GEN., U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

WARRANTY AND ACCEPTANCE

DOMESTIC MICA PURCHASE PROGRAM (GSA REG. 7, AS AMENDED)

MICA PURCHASE DEPOT - Spruce Pine, N. C.

DATE PURCHASED: 8-4-58

ACCEPTANCE NUMBER: AR3-93

CERTIFICATE AUTHORIZATION NUMBER	LOT NUMBER	VOUCHER NUMBER	SCHEDULE NUMBER
DMS-4-1877A	SPAR-93		

BASIS FOR FINAL SETTLEMENT: [X] PROGRAM A [ ] PROGRAM B [ ] ALTERNATE PROGRAM B *(Under Regulation 7, Revision 3, as amended)*

NAME AND LOCATION OF MINE: Little Brown, Upson County, Ga.

TYPE OF MICA: [X] RUBY [ ] NONRUBY

PRELIMINARY PAYMENT

TOTAL POUNDS PURCHASED	AMOUNT OF INITIAL PAYMENT
23.31	$ 188.80

WARRANTY

The undersigned warrants that this lot of mica, weight above indicated, meets the requirements of all applicable regulations and laws governing the Domestic Mica Purchase Program. Further, the undersigned hereby sells this lot of mica to the Government subject to all laws and regulations governing the Domestic Mica Purchase Program and agrees to accept the processing results as valid and correct and to refund unconditionally to the Government any overpayment, with the understanding that the amount of any underpayment will be paid by the Government to the Seller upon completion of the processing of this mica.

SELLER'S NAME AND ADDRESS *(Type or print)*

Southern Mining Co.
Altapass, N. C.

SELLER OR PERSON AUTHORIZED TO SIGN FOR SELLER

SIGNATURE: (Sgd) H. Lee Medford

NAME *(Type or print)*: Partner

TITLE *(Type or print)*:

ACCEPTANCE

This lot of mica, weight above indicated, is accepted for the Government subject to all pertinent regulations and laws governing the Domestic Mica Purchase Program.

GENERAL SERVICES ADMINISTRATION

BY *(Type name)*	SIGNATURE	TITLE
	(Sgd) Raleigh Young	Buyer

COPY

FORM APPROVED BY COMP. GEN., U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT - MICA PURCHASE

MICA PURCHASE DEPOT - Spruce Pine, N. C.

PROGRAM: [X] A [ ] B

DATE PURCHASED: 8-4-58

ACCEPTANCE NUMBER: AR3-93(a)

CERTIFICATE AUTHORIZATION NUMBER	LOT NUMBER	VOUCHER NUMBER	SCHEDULE NUMBER
DMS-4-1877A	SPAR-93(a)		

EVALUATION DATA

RUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$
GRADES NO. 4 AND 5				1.12	40.00	44.80
GRADES NO. 5½ AND 6				14.80	17.70	261.96
STAINED						
GRADES NO. 3 AND LARGER		12.00			31.90	
GRADES NO. 4 AND 5		5.00		.28	18.25	5.11
GRADES NO. 5½ AND 6		3.00		6.78	7.55	51.19
HEAVY STAINED						
GRADES NO. 3 AND LARGER		8.00			14.80	
GRADES NO. 4 AND 5		4.00			6.85	
GRADES NO. 5½ AND 6		2.00		.25	4.00	1.00
TOTALS			$			$

NONRUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$
GRADES NO. 4 AND 5					40.00	
GRADES NO. 5½ AND 6					17.70	
STAINED						
GRADES NO. 3 AND LARGER		9.60			25.55	
GRADES NO. 4 AND 5		4.00			14.60	
GRADES NO. 5½ AND 6		2.40			6.55	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		6.40			11.85	
GRADES NO. 4 AND 5		3.20			5.45	
GRADES NO. 5½ AND 6		1.60			4.00	
TOTALS			$			$

TOTAL YIELD AND VALUE [X] RUBY [ ] NONRUBY *(Half trim plus full trim)*	23.23 LBS.	$ 364.06
ADJUSTED VALUE WHEN LESS THAN 18% GS & B (ABOVE VALUE $ _____ X _____ ÷ 18)		$
FOR PROGRAM B, DEDUCT $4.00 PER POUND FOR RIFTING AND TRIMMING		
FINAL BASIS FOR PAYMENT		$ 364.06
LESS: INITIAL PAYMENT VOUCHER NUMBER SCHEDULE NUMBER		188.80
BALANCE DUE [X] SELLER [ ] GOVERNMENT		$ 175.26

NAME AND LOCATION OF MINE

Little Brown, Upson County, Ga.
% GS & B 68.53

PROCESSED FOR PAYMENT (LBS.)	23.23
PROCESSED - NO PAYMENT (LBS.) THINS	
BLACK *(Dots, Spots, Stained)*	
UNDERSIZED	
PROCESSING LOSS	.08
TOTAL POUNDS PURCHASED	23.31

SELLER'S NAME AND ADDRESS *(Type or print)*

Southern Mining Co.
Altapass, N. C.

APPROVED

DEPOT SUPERINTENDENT

(Sgd) J. P. McKinney

DATE 8-28-58

GSA WASH D C 58-3177

GSA FORM 1013a SEPTEMBER 1957

COPY

FORM APPROVED BY COMP. GEN., U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

WARRANTY AND ACCEPTANCE

DOMESTIC MICA PURCHASE PROGRAM (GSA REG. 7, AS AMENDED)

MICA PURCHASE DEPOT - Spruce Pine, N. C.

DATE PURCHASED: 10-8-58

ACCEPTANCE NUMBER: AR3-273

CERTIFICATE AUTHORIZATION NUMBER	LOT NUMBER	VOUCHER NUMBER	SCHEDULE NUMBER
DMS-4-1877A	SPAR-273		

BASIS FOR FINAL SETTLEMENT: [X] PROGRAM A [ ] PROGRAM B [ ] ALTERNATE PROGRAM B *(Under Regulation 7, Revision 3, as amended)*

NAME AND LOCATION OF MINE: Brown, Upson County, Ga.

TYPE OF MICA: [X] RUBY [ ] NONRUBY

PRELIMINARY PAYMENT

TOTAL POUNDS PURCHASED	AMOUNT OF INITIAL PAYMENT
7.81	$ 66.23

WARRANTY

The undersigned warrants that this lot of mica, weight above indicated, meets the requirements of all applicable regulations and laws governing the Domestic Mica Purchase Program. Further, the undersigned hereby sells this lot of mica to the Government subject to all laws and regulations governing the Domestic Mica Purchase Program and agrees to accept the processing results as valid and correct and to refund unconditionally to the Government any overpayment, with the understanding that the amount of any underpayment will be paid by the Government to the Seller upon completion of the processing of this mica.

SELLER'S NAME AND ADDRESS *(Type or print)*

Southern Mining Co.
Altapass, N. C.

SELLER OR PERSON AUTHORIZED TO SIGN FOR SELLER

SIGNATURE: (Sgd) H. Lee Medford

NAME *(Type or print)*:

TITLE *(Type or print)*: Partner

ACCEPTANCE

This lot of mica, weight above indicated, is accepted for the Government subject to all pertinent regulations and laws governing the Domestic Mica Purchase Program.

GENERAL SERVICES ADMINISTRATION

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

COPY

FORM APPROVED BY COMP. GEN., U.S. MARCH 25, 1957.

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT - MICA PURCHASE

MICA PURCHASE DEPOT - _____

PROGRAM: [X] A [ ] B

DATE PURCHASED: 10-8-58

ACCEPTANCE NUMBER: AR3-273 (a)

CERTIFICATE AUTHORIZATION NUMBER	LOT NUMBER	VOUCHER NUMBER	SCHEDULE NUMBER
DMS-4-1877A	SPAR-273 (a)		

EVALUATION DATA

RUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$
GRADES NO. 4 AND 5				/59	40.00	23.60
GRADES NO. 5½ AND 6				2.59	17.70	45.84
STAINED						
GRADES NO. 3 AND LARGER		12.00			31.90	
GRADES NO. 4 AND 5		5.00		.50	18.25	9.13
GRADES NO. 5½ AND 6		3.00		2.72	7.55	20.54
HEAVY STAINED						
GRADES NO. 3 AND LARGER		8.00			14.80	
GRADES NO. 4 AND 5		4.00		.06	6.85	.41
GRADES NO. 5½ AND 6		2.00		1.25	4.00	5.00
TOTALS			$			$

NONRUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$
GRADES NO. 4 AND 5					40.00	
GRADES NO. 5½ AND 6					17.70	
STAINED						
GRADES NO. 3 AND LARGER		9.60			25.55	
GRADES NO. 4 AND 5		4.00			14.60	
GRADES NO. 5½ AND 6		2.40			6.55	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		6.40			11.85	
GRADES NO. 4 AND 5		3.20			5.45	
GRADES NO. 5½ AND 6		1.60			4.00	
TOTALS			$			$

TOTAL YIELD AND VALUE [X] RUBY [ ] NONRUBY *(Half trim plus full trim)*	7.71 LBS.	$ 104.52
ADJUSTED VALUE WHEN LESS THAN 18% GS & B (ABOVE VALUE $ _____ X _____ ÷ 18)		$
FOR PROGRAM B, DEDUCT $4.00 PER POUND FOR RIFTING AND TRIMMING		
FINAL BASIS FOR PAYMENT		$ 104.52
LESS: INITIAL PAYMENT VOUCHER NUMBER SCHEDULE NUMBER		66.23
BALANCE DUE [X] SELLER [ ] GOVERNMENT		$ 38.29

NAME AND LOCATION OF MINE

Brown, Upson County, Ga.

%GS & B 41.25

PROCESSED FOR PAYMENT (LBS.)	7.71
PROCESSED - NO PAYMENT (LBS.) THINS	
BLACK *(Dots, Spots, Stained)*	
UNDERSIZED	
PROCESSING LOSS	.10
TOTAL POUNDS PURCHASED	7.81

SELLER'S NAME AND ADDRESS *(Type or print)*

Southern Mining Co.
Altapass, N. C.

APPROVED

DEPOT SUPERINTENDENT

(Sgd) J. P. McKinney

DATE

11-19-58

GSA WASH D C 58-3177

GSA FORM 1013a SEPTEMBER 1957

COPY

FORM APPROVED BY COMP. GEN., U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT - MICA PURCHASE

MICA PURCHASE DEPOT - Spruce Pine, N. C.

PROGRAM: [X] A [ ] B

DATE PURCHASED: 1-19-59

ACCEPTANCE NUMBER: AR3-496(a)

CERTIFICATE AUTHORIZATION NUMBER: DMS-4-408A

LOT NUMBER: SPAR-496(a)

VOUCHER NUMBER:

SCHEDULE NUMBER:

EVALUATION DATA

RUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$
GRADES NO. 4 AND 5				.13	40.00	5.20
GRADES NO. 5½ AND 6				3.19	17.70	56.46
STAINED						
GRADES NO. 3 AND LARGER		12.00			31.90	
GRADES NO. 4 AND 5		5.00		.22	18.25	4.02
GRADES NO. 5½ AND 6		3.00		2.12	7.55	16.01
HEAVY STAINED						
GRADES NO. 3 AND LARGER		8.00			14.80	
GRADES NO. 4 AND 5		4.00		.06	6.85	.41
GRADES NO. 5½ AND 6		2.00		.19	4.00	.76
TOTALS			$			$

NONRUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$
GRADES NO. 4 AND 5					40.00	
GRADES NO. 5½ AND 6					17.70	
STAINED						
GRADES NO. 3 AND LARGER		9.60			25.55	
GRADES NO. 4 AND 5		4.00			14.60	
GRADES NO. 5½ AND 6		2.40			6.55	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		6.40			11.85	
GRADES NO. 4 AND 5		3.20			5.45	
GRADES NO. 5½ AND 6		1.60			4.00	
TOTALS			$			$

TOTAL YIELD AND VALUE [X] RUBY [ ] NONRUBY *(Half trim plus full trim)*	5.91 LBS.	$ 82.86
ADJUSTED VALUE WHEN LESS THAN 18% GS & B (ABOVE VALUE $ _____ X _____ ÷ 18)		$
FOR PROGRAM B, DEDUCT $4.00 PER POUND FOR RIFTING AND TRIMMING		
FINAL BASIS FOR PAYMENT		$ 82.86
LESS: INITIAL PAYMENT VOUCHER NUMBER SCHEDULE NUMBER		45.27
BALANCE DUE [X] SELLER [ ] GOVERNMENT		$ 37.59

NAME AND LOCATION OF MINE

Little Brown, Upson County, Ga.
% GS & B 56.18

PROCESSED FOR PAYMENT (LBS.)	5.91
PROCESSED - NO PAYMENT (LBS.) THINS	
BLACK *(Dots, Spots, Stained)*	
UNDERSIZED	
PROCESSING ~~LOSS~~	.03 Gain
TOTAL POUNDS PURCHASED	5.88

SELLER'S NAME AND ADDRESS *(Type or print)*

H. Lee Medford
Altapass, N. C.

APPROVED

DEPOT SUPERINTENDENT

(Sgd) J. P. McKinney

DATE

3-18-59

GSA WASH D C 58-3177

GSA FORM 1013a SEPTEMBER 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.

April 9, 1959

Mr. H. Lee Medford
Altapass
Spruce Pine, N. C.

Re: DMEA-4936, Idm-E1195-mica.
Little Brown Mine
Upson County, Georgia

Dear Mr. Medford:

The records at the Spruce Pine Mica Buying Depot show that four sales of mica have been made from production from the subject mine since the date of the contract, May 27, 1958. Royalty in the amount of $18.20 has been paid on one of these sales. No royalty has been paid on the sales listed below:

Date	Lot	Pounds	Preliminary payment	Final Pay't	Total
7-28-58	77	13.00	$140.72	$ 103.62	$244.34
10-8-58	273	7.81	66.23	38.29	104.52
1-19-59	496	5.88	45.27	37.59	82.86
Totals		26.69	$252.22	$179.50	$431.72
				Royalty due	.05
					$21.58 60

Please send us your check in the amount of $21.59 together with the settlement sheets on the above sales. Royalty is also due on any sales of punch and scrap, and should be included in the above mentioned check.

Sincerely yours,

Robert A. Laurence
Executive Officer, OME
Region V

WAB/zm
Opr. Com-2
Lynch
Files

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
3/31	Anderson	600
4/1	Hook	600
4/1	Talbot	800
4/3	[illegible]	130
"	Johnson	110
4/6	C	220
		600

600

APR 3 1959

Memorandum

To: Executive Officer, OME Field Team, Region V

From: Chairman, Operating Committee, OME

Subject: Royalty payments — Docket No. DMEA-4936 (Mica)
H. Lee Medford
Little Brown Prospect
Upson County, Georgia
Contract No. Idm-E1195

According to the Field Team's final report on the subject contract, production during the contract work amounted to about 1,500 pounds of mine-run mica. One sale of 23.23 pounds of trimmed mica was made, for which the Government received its royalty. Another sale of about 1,000 pounds of hand-cobbed mica has been made, but final settlement has not yet been received. Therefore, it appears that only a partial payment of royalties due the Government has been made.

Before we write the closing letter, which is due on April 27, 1959, we will appreciate receiving a report on the value and disposition of all mica produced at the subject mine during the period of the contract and subsequently up to this time.

/s/ George C. Selfridge

(2/2)

Approved:

(sgd.) G. W. Josephson

Member, Bureau of Mines

N. E. Nelson

Member, Geological Survey

WCAnderson:gad 3/31/59
Copy to: Dir. R. File
Operating Committee
Mr. Kiilsgaard, USGS
Mr. Dietrich, USBM

43683

OFFICIAL FILE COPY
O. M. E.
RECEIVED DEC 31 1958

DATE	INITIALS	CODE
12/31	C	220
		600

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

December 31, 1958

Memorandum

To: Nonmetallic Minerals Division
Office of Minerals Exploration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4936 (mica)

Applicant: H. Lee Medford

Name and Location of Property: Little Brown Prospect, Upson County, Ga.

Contract Number: Idm-E 1195

Date of Field Team Final Report: 12/18/58

Date Rec'd. by Branch of Ceramic & Fertilizer Materials: 12/29/58

Field Team Recommendation: Recommend that this prospect not be certified.

Comments:

1. Contract work consisted of sinking 60 feet of inclined shaft and driving 72 feet of drift.
2. Mica was abundant near the surface but no strategic mica was recovered below the first 20 feet in the shaft.
3. Reserves of strategic mica are estimated to be negligible.
4. Expenditures -

Total approved	$5,516.00
Total cost	4,676.00
Gov't. share of the cost	3,507.00
Value of production during operation (partial)	364.06
Royalty paid to date	18.20

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
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.

OFFICIAL FILE COPY
O. M. E.
RECEIVED DEC 22 1958

DATE	INITIALS	CODE
12/22	C	220
12/30	[illegible]	130
12/31	C	220
1/8	Hook	100

December 18, 1958

Memorandum

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

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

Subject: Field Team Final Report - DMEA-4936, Idm-E1195-mica
Little Brown Prospect, Upson County, Georgia
H. Lee Medford, Operator, Spruce Pine, N.C.

Attached are the original and two copies of the subject report with maps attached.

Certification is not recommended on this project.

V. J. Lynch

V. J. Lynch, Acting
Executive Officer, OME
Region V

Frank G. Lesure

Frank G. Lesure, Geologist
U. S. Geological Survey

Reviewed by
OME OPERATING COMMITTEE
12-30-58
(date)

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UNITED STATES
DEPARTMENT OF THE INTERIOR

OFFICE OF MINERALS EXPLORATION

FINAL REPORT
OME FIELD TEAM, REGION V

DMEA-4936, Idm-E1195(mica) LITTLE BROWN PROSPECT
Upson County, Georgia

Final Field Team rpt.

Frank G. Lesure, Geologist
Geological Survey

and

Stanley A. Feitler, Mining Engineer
Bureau of Mines

December 18, 1958

Reviewed by
OME OPERATING COMMITTEE
12-30-58
(date)

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EXPLORATION PROJECT CONTRACT

FINAL REPORT

DMEA-4936, Idm-E1195 (mica) LITTLE BROWN PROSPECT
Upson County, Georgia

Operator: H. Lee Medford, Altapass, Spruce Pine, N. C.

SUMMARY

The Little Brown prospect was explored by sinking 60-feet of inclined shaft and driving 72 feet of drift. The pegmatite is a tabular body trending northeast, dipping southeast, and apparently plunging to the northeast. It is a coarse-grained mixture of plagioclase, perthite, quartz, biotite and muscovite. Although mica was abundant near the surface, no strategic mica was recovered below the first 20 feet in the shaft. Only scrap mica was found in the pegmatite at the drift level. No significant reserves were outlined by the contract work. We recommend that no certification be made. No further exploration is warranted.

INTRODUCTION

Location: The Little Brown prospect is on the crest of a low hill 0.5 mile east of the Po Biddy road and 4½ miles south of Thomaston, Upson County, Georgia. Access to the mine is good at all times over a dirt road 0.5 miles long off the paved Po Biddy road.

History: According to the Operator the Little Brown was first worked in several shallow shafts about 20 feet deep between 1916 and 1918. In 1957-1958 the Operator bulldozed an open cut 130 feet long, 25 feet wide and 20 feet deep. The total amount of mica produced is unknown but trimmed mica worth $2,000 to $3,000 was sold.

CONTRACT WORK

Work on DMEA-4936, Idm-E1195 was begun June 16, 1958. A toolhouse, powder magazine, and exploder magazine were built and a vertical and inclined shaft started. This shaft was lost by caving at a depth of 20 feet when too heavy a

shot was set off. The Operator assumed the cost of this work, moved the shaft location about 15 feet to the northeast and sank a 60-foot inclined shaft in pegmatite. From the bottom of this shaft drifts were driven 17 feet southwest and 55 feet northeast. The pegmatite appears to be pinching out near the face of each drift. Because of the generally poor showing the work was terminated October 27, 1958.

At first the contract work was slow and inefficient, but after the loss of the first shaft a new miner-driller was employed and the remaining work done quickly and efficiently.

GEOLOGY

The Little Brown pegmatite is an irregular dike intruding mica gneiss. The pegmatite trends northeast and dips steeply southeast. A comparison of the outline of the pegmatite at depth with that at the surface suggests a plunge of 30° to 40° to the northeast. The pegmatite is generally discordant to the foliation of the gneiss at the surface but becomes more nearly concordant at depth. Both gneiss and pegmatite are weathered at least to the 55-foot level drift.

The pegmatite is a coarse-grained mixture of perthite, plagioclase, quartz, biotite, and muscovite. Muscovite is concentrated along the hanging wall near the surface and was recovered in the shaft to a depth of 20 feet. The mica is ruby and of good quality. Books up to 3 x 5 inches are

present at the surface. At the drift level muscovite occurs only as scrap size material. No indications of mica shoots were found.

PRODUCTION AND RESERVES

Production during the contract work amounted to about 1500 pounds of mine-run mica. The Operator reported one sale of trimmed mica weighing 23.23 pounds for $364.06. This mica graded out as follows:

	4 & 5	5½ & 6
Good stained and better	1.12 lbs.	14.80 lbs.
Stained	.28 "	6.78 "
Heavy stained		.23 "

Another sale of about 1,000 pounds of hand-cobbed mica has been made, but final settlement has not yet been received.

No significant reserves were outlined by the contract work. Only about 300 pounds of mica was recovered from the first 20 feet of shaft, or an average of 0.5 percent mica in the pegmatite mined. Above the 20-foot level in the shaft there is an estimated 600 tons of pegmatite and an inferred mica reserve of 3 tons.

RECOMMENDATIONS AND CONCLUSIONS

We recommend that no certification be made. No significant reserves of mica were outlined by the contract work. Although mica was abundant in the pegmatite at the surface no mica was recovered below 20 feet in the shaft. The pegmatite appears to pinch out at both ends of the contract

drift and no further exploration seems warranted.

EXPENDITURES

1)	Total approved	$5,516.00
2)	Total cost of work done	4,676.00
3)	Government's share of cost	3,507.00
4)	Government's share unexpended	630.00
5)	Value of production (partial)	364.06
6)	Royalty paid to date	18.20

December 18, 1958

Frank G. Lesure, Geologist
Geological Survey

Stanley A. Feitler, Mining Engineer
Bureau of Mines

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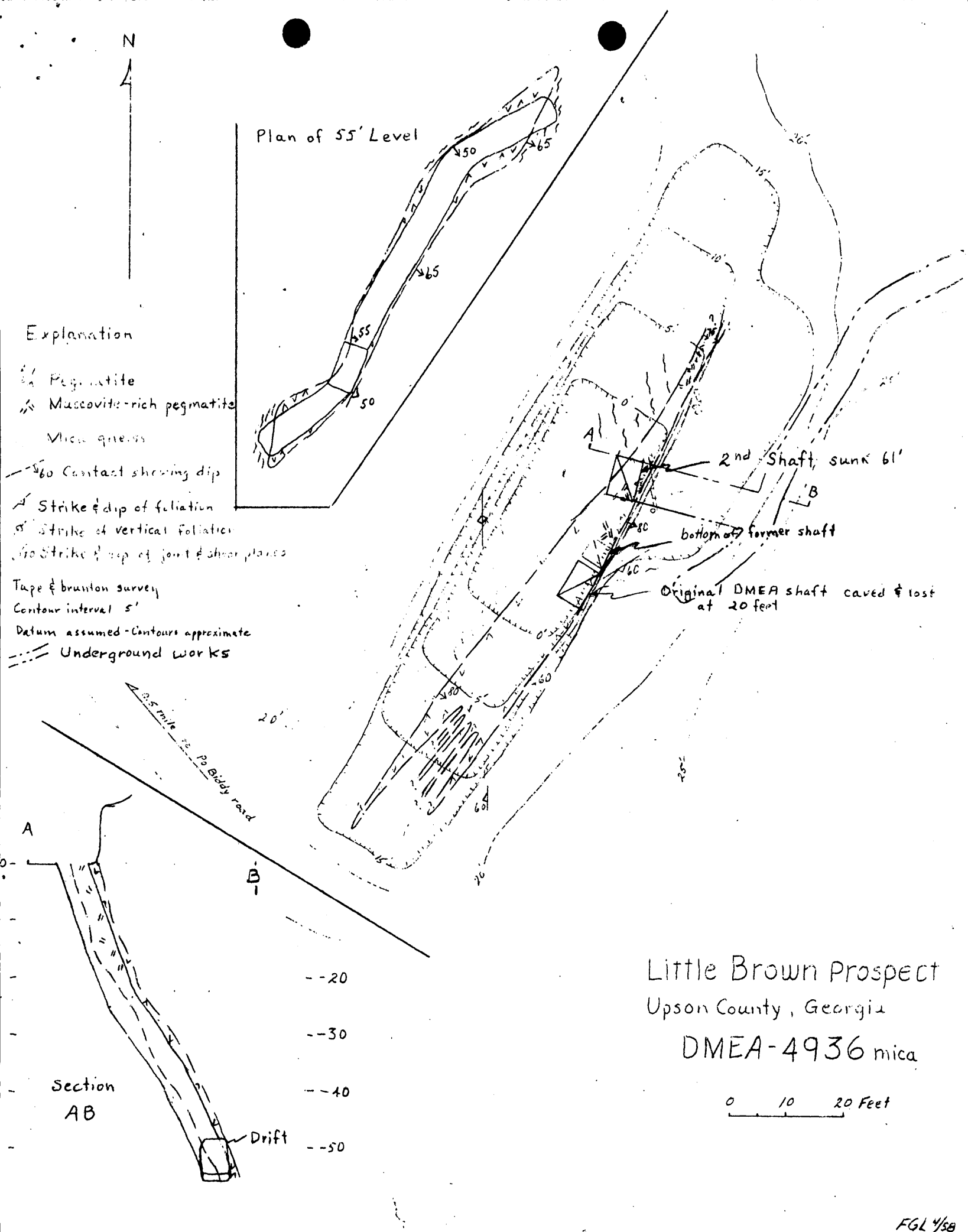
N
Plan of 55' Level
50
65
65
55
50
Explanation
Pegmatite
Muscovite-rich pegmatite
Mica gneiss
60 Contact showing dip
Strike & dip of foliation
Strike of vertical foliation
Strike & dip of joint & shear planes
Tape & brunton survey
Contour interval 5'
Datum assumed - Contours approximate
Underground works
2nd Shaft, sunk 61'
bottom of former shaft
Original DMEA shaft caved & lost at 20 feet
A
B
80
60
0'
5'
10'
15'
20'
25'
26'
0.5 mile to Po Biddy road
A
B
0
20
30
40
50
Section AB
Drift
Little Brown Prospect
Upson County, Georgia
DMEA-4936 mica
0 10 20 Feet
FGL 4/58

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UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 2-8 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

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11/24	C	220
11/24	Hoch	600

November 21, 1958

Memorandum

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

From: Executive Officer, OME Field Team, Region V

Subject: Termination Agreement, DMEA-4936, Idm-E1195
H. Lee Medford, Altapass, North Carolina
Little Brown Prospect (mica), Upson County, Georgia

Transmitted are the Government and Audit signed copies of the subject Termination Agreement.

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

Robert A. Laurence
Robert A. Laurence

Enclosures 2

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
11-14	Anderson	600
11/15	Houk	600
11-14	Chambers	800
11/15	[illegible]	130
"	[illegible]	110
11/17	[illegible]	220
		600

600

Mr. Robert A. Laurence
Executive Officer, OME
Field Team, Region V
Room 2-B, Post Office Bldg.
Knoxville 2, Tennessee

NOV 14 1958

Re: Docket No. DMEA-4936-Mica
H. Lee Medford
Little Brown Prospect
Upson County, Georgia
Contract No. Idm-K1195

Dear Mr. Laurence:

Pursuant to the Field Team's recommendation in memorandum of October 29, 1958, we have prepared the enclosed original and four copies of a proposed termination agreement signed by the Acting Director 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 C. Selfridge
(esf)
ACTING Chairman, Operating Committee

Approved:
Richard H. Moto
(esf)
Member, Bureau of Mines

N. E. Nelson
(esf)
Member, Geological Survey

Enclosures 7

WCAnderson:gad 11/14/58
Copy to: Dir. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
11/4	Talbert	800
11/5	C	220
11/5	Ford	600

Mr. Robert A. Laurence
Executive Officer
OME Field Team, Region V
Room 2-B, Post Office Building
Knoxville 2, Tennessee

NOV 4 1958

Re: Docket No. DMEA-4936 (Mica)
H. Lee Medford
Contract No. Idm-E1195

Dear Mr. Laurence:

As requested in your memorandum of October 29, 1958, a Report of Review covering the referenced project has been prepared. The original and three copies are enclosed.

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

Although your memorandum stated that the final MF-104 and MF-104A were attached, the actual enclosures consisted solely of four copies of the final MF-104, which are returned herewith. It is requested that the original MF-104, MF-104A, narrative and other pertinent attachments be submitted with future requests for audit reviews of "short form" contracts.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers
Contract Administration
and Audit Division

Enclosures

EDTalbert/GMcC
November 4, 1958

cc: Docket
Director's Reading File

cc: Mr. Chambers
Mrs. Helen R. Miller

8623

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED NOV 26 1958 O.M.E.

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-30

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October 1958 Docket No. DMEA 4936 Contract No. 1195
Operator's Name H. Lee Medford Minerals
Address Altapass, N. C.
Contract Amount, $4137.00 Government Participation: 75 % Amount, $5516.00

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~~ Shafting		2400.00	2400.00			
Bulldozing						
Crosscutting						
Drifting 72 ft @ 30	$2160.		2160.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		116.00	116.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$2160.00	$2516.00	$4676.00	2160.00	2,516.00	4,676.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 10-25-58 *Payee H. Lee Medford
Per Lucian M. Harris Title Secretary

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$1,620.00
Signature Helen R. Mullin
(Authorized Certifying Officer)
Date NOV 24 1958 Vou. No. 60
(See other side)

548 T 10/27 $540.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm E-1195 in accordance with the terms of the contract.

Signature W. M. Beck Title MINING ENGINEER U. S. BUREAU OF MINES Date NOV 21 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER OME FIELD TEAM REGION V Date NOV 21 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.

MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

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

RECEIVED NOV. 26 1958 O.M.E.

Month of October 1958 Docket No. DMEA 4936 Contract No. 1195
Operator's Name H. Lee Medford Minerals Mica
Address Attapass, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting 72 ft. @ $30	ft.	$ 2160.	72	$ 2160.	72	$ 30.		
~~Crosscutting~~ shafting	ft			2400.	60	$ 40.		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$ 2160.	72	$ 4560.				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				116.				
TOTAL COSTS		$ 2160.	72	$ 4676.				

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

Date 10-25-58 Operator H. Lee Medford
Per Lucian B. Harris Title Secretary

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

REMARKS:

(Instructions on reverse)

(For Government use only)

W. M. Beck

NOV 21 1958

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

Month of October, 1958

DMEA - 4936
Idm-E- 1195
Date Work began - 6-16-58

10-7 to 10-17

Drifting began. Rain and pump trouble hindered progress. Pegmatite is cutting out.

Blasted too heavily and lost 17 feet of drifting.

Drifted 17 feet west, then turned in opposite direction. Worked this way for 36 feet, then 19 feet SE, producing only scrap mica.

10-25

Requested termination of loan.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.

October 29, 1958

RECEIVED OCT 31 1958		
DATE	INITIALS	CODE

Memorandum

To: Jay L. Chambers, Acting Director, OME - Washington

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

Subject: DMEA-4936, Idm-E1195(mica) Lee Medford, Spruce Pine, N.C.
Little Brown Mine, Upson County, Georgia.

Work on the subject contract has been stopped pending approval of a request for termination.

The following units of work have been acceptably performed as verified by our Field Examiners:

1) Constructed: toolhouse, powder magazine and exploder magazine.

2) A shaft was sunk to a depth of 60 feet.

3) A total of 72 feet of drifting completed.

Work on the contract was stopped on October 24. Termination by mutual agreement has been requested.

An adequate final engineering and geological report has been received from the Operator.

A report of review is requested. The final MF-104 and 104A is attached.

Robert A. Laurence, Executive Officer
Region V - OME

VJL/mm
Opr. Con-2
Lynch
Files

V. J. Lynch, Member
Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 31 1958

DATE	INITIALS	CODE
10/31	C	220
"		110
10/31		800
10/4		600

October 29, 1958

Memorandum

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

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

Subject: DMEA-4936, Idm-E1195(mica) H. Lee Medford, Altapass, N.C.
Little Brown Mine, Upson County, Georgia.

Enclosed are the original and two copies of the latest interim report, and the original and two copies of the Operator's final engineering and geological report.

Although some good mica was recovered at the surface and in the upper 20 feet of the shaft, the drifting on the 58-foot level failed to pick up any extension of strategic mica concentrations in the pegmatite. We agree with the Field Examiners' conclusion that it is not desirable to do the remaining 28 feet of authorized drifting. Therefore, we recommend termination by mutual agreement, effective October 27.

Certification probably will not be recommended, although a small reserve may exist in the upper 20 feet. The Operator does not plan to do any additional work at this time.

Time for completion of this project, as stated in the contract, was October 27, 1958.

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

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

COPY COPY

FORM APPROVED BY COMP. GEN., U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

WARRANTY AND ACCEPTANCE

DOMESTIC MICA PURCHASE PROGRAM (GSA REG. 7, AS AMENDED)

MICA PURCHASE DEPOT - Spruce Pine, N. C.

DATE PURCHASED: 1-19-59

ACCEPTANCE NUMBER: AR3-496

CERTIFICATE AUTHORIZATION NUMBER	LOT NUMBER	VOUCHER NUMBER	SCHEDULE NUMBER
DMS-4-408A	SPAR-496		

BASIS FOR FINAL SETTLEMENT: [X] PROGRAM A [ ] PROGRAM B [ ] ALTERNATE PROGRAM B *(Under Regulation 7, Revision 3, as amended)*

NAME AND LOCATION OF MINE: Little Brown, Upson County, Ga.

TYPE OF MICA: [X] RUBY [ ] NONRUBY

PRELIMINARY PAYMENT

TOTAL POUNDS PURCHASED	AMOUNT OF INITIAL PAYMENT
5.88	$ 45.27

WARRANTY

The undersigned warrants that this lot of mica, weight above indicated, meets the requirements of all applicable regulations and laws governing the Domestic Mica Purchase Program. Further, the undersigned hereby sells this lot of mica to the Government subject to all laws and regulations governing the Domestic Mica Purchase Program and agrees to accept the processing results as valid and correct and to refund unconditionally to the Government any overpayment, with the understanding that the amount of any underpayment will be paid by the Government to the Seller upon completion of the processing of this mica.

SELLER'S NAME AND ADDRESS *(Type or print)*

H. Lee Medford
Altapass, N. C.

SELLER OR PERSON AUTHORIZED TO SIGN FOR SELLER

SIGNATURE: (Sgd.) H. Lee Medford

NAME *(Type or print)*: H. Lee Medford

TITLE *(Type or print)*: Owner

ACCEPTANCE

This lot of mica, weight above indicated, is accepted for the Government subject to all pertinent regulations and laws governing the Domestic Mica Purchase Program.

GENERAL SERVICES ADMINISTRATION

BY *(Type name)*	SIGNATURE	TITLE
(Sgd)	Raleigh Young	Buyer

GSA WASH D C 58-3177

GSA FORM 1013 SEPTEMBER 1957

DMEA EXPLORATION PROJECT

INTERIM REPORT

DMEA-4936, Idm-E1195 (mica) LITTLE BROWN PROSPECT
Upson County, Georgia

Operator: H. Lee Medford, Spruce Pine (Altapass) North Carolina

Location: The mine is 0.5 miles east of Po Biddy road and 4.5 miles south of Thomaston, Upson County, Georgia

The shaft was completed to a depth of 60 feet and a drift driven on the pegmatite in both directions at the 58-foot level. The drift had been driven a total of 72 feet as follows:

17 feet S 55°W
36 feet N 30°E
19 feet N 65°E

The pegmatite in the face trends NE and dips SE. It is about 5 feet thick and composed of coarse-grained perthite, some plagioclase, quartz, biotite and minor muscovite in tiny books. No mica of commercial size or quality has been recovered since about 20 feet down in the shaft. The Operator has made one sale of 23.23 pounds of sheet mica for which he received $364.06 and on which the Government's royalty in the amount of $18.20 has been paid and about 1000 pounds of hand cobbed mica on which the final settlement will not be made for from 5 to 6 months. This is the total production since beginning of the contract. Most of this mica was obtained on the surface north of the shaft.

The excellent surface showing does not continue down and is not shown in the drift. The Field Examiners are of the opinion that no worth while discovery can be made, so recommend that termination of the contract by mutual agreement be made before completion of the contract work.

Work done under the contract: Structures (3) $116.00; Shaft 60 feet--$2,400; drift-72 feet--$2,160. Total $4,676.00.

The original shaft mentioned in the interim of 7/25/58 was lost at a depth of 20 ft. The Operator assumed the cost of this shaft and moved 15 feet to the NE and sank the contract shaft.

Inspected: Oct. 24, 1958

Wm. A. Beck, Mining Engineer
Bureau of Mines -OME

F. G. Lesure, Geologist
Geological Survey - OME

z

Altapass, N.C.
October 25, 1958

Robert A. Lawrence
Executive Officer
DMEA Field Team
Knoxville, Tenn.

Re: DMEA 4936 (Mica)
Little Brown Prospect
Upson County, Ga.
Contract No. Idm 1195

Dear Mr. Lawrence:

Work began on Contract #1195 on June 16, 1958 and ended on October 24, 1958.

The exploration consisted of constructing a toolhouse, powder storage magazine, and an exploder storage magazine. We sank a shaft 60 feet and drifted 17 feet S 55° west, then 36 feet N 30°E, and 19 feet N 65°SE, producing altogether around 1500 pounds of mica since work began in June.

The 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 are as follows:

After completing 60 feet of shafting, and 72 feet of drifting, the pegmatite continued to wither and soften, with only scrap mica present. The pegmatite consisted of Na and K spar, quartz, biotite, and muscovite.

It is the opinion of both the field team and the operator that this pegmatite does not warrant further exploration.

We wish to thank the field team for their co-operation.

Sincerely,

Southern Mining Co.
H. Lee Medford, Pres.

Operator's Final Rpt

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 31 1958

DATE	INITIALS	CODE

RECEIVED
OCT 27 1958
U. S. Bureau of Mines
Norfolk Division
Knoxville, Tenn.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
ROOM 2-B POST OFFICE BLDG.
KNOXVILLE 2, TENN.

October 28, 1958

OFFICIAL FILE COPY
O. M. E.
OCT 30 1958
10/30 C 220 600

Memorandum

To: Finance Officer, OME - Region V - Morris, Tenn.

From: Executive Officer, OME - Region V - Knoxville

Subject: Royalty Payment- DMEA-4936, Idm-E1195 (mica)
H. Lee Medford, Spruce Pine, N.C.
Little Brown Mine, Upson County, Georgia

Attached is a final settlement sheet for mica sold from the subject mine and their check for 5% royalty on the sale in the amount of $18.20.

Robert A. Laurence

sm.
ec
Mr. F. Johnson
Lynch
Files

FORM APPROVED BY COMP. GEN., U.S. MARCH 25, 1957

GENERAL SERVICES ADMINISTRATION

FINAL SETTLEMENT - MICA PURCHASE

MICA PURCHASE DEPOT - [redacted]

PROGRAM	DATE PURCHASED
[X] A [ ] B	[redacted]
	ACCEPTANCE NUMBER [redacted]

CERTIFICATE AUTHORIZATION NUMBER	LOT NUMBER	VOUCHER NUMBER	SCHEDULE NUMBER
[redacted]	[redacted]		

EVALUATION DATA

RUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT	
GOOD STAINED AND BETTER							
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$	
GRADES NO. 4 AND 5				[redacted]	40.00	[redacted]	44.00
GRADES NO. 5½ AND 6				[redacted]	17.70	[redacted]	261.96
STAINED				14.80			
GRADES NO. 3 AND LARGER		12.00		28	31.90		
GRADES NO. 4 AND 5		5.00		[redacted]	18.25	[redacted]	5.11
GRADES NO. 5½ AND 6		3.00		[redacted]	7.55	[redacted]	51.19
HEAVY STAINED				6.78			
GRADES NO. 3 AND LARGER		8.00			14.80		
GRADES NO. 4 AND 5		4.00		23	6.85		
GRADES NO. 5½ AND 6		2.00		[redacted]	4.00	[redacted]	1.00
TOTALS			$			$	

NONRUBY

QUALITY	HALF TRIM POUNDS	HALF TRIM PRICE PER LB.	HALF TRIM AMOUNT	FULL TRIM POUNDS	FULL TRIM PRICE PER LB.	FULL TRIM AMOUNT
GOOD STAINED AND BETTER						
GRADES NO. 3 AND LARGER		$	$		$ 70.00	$
GRADES NO. 4 AND 5					40.00	
GRADES NO. 5½ AND 6					17.70	
STAINED						
GRADES NO. 3 AND LARGER		9.60			25.55	
GRADES NO. 4 AND 5		4.[illegible]			14.60	
GRADES NO. 5½ AND 6		2.40			6.55	
HEAVY STAINED						
GRADES NO. 3 AND LARGER		6.40			11.85	
GRADES NO. 4 AND 5		3.20			5.45	
GRADES NO. 5½ AND 6		1.60			4.00	
TOTALS			$			$

TOTAL YIELD AND VALUE [X] RUBY [ ] NONRUBY (*Half trim plus full trim*)	[redacted] LBS.	$ [redacted] 364.06
ADJUSTED VALUE WHEN LESS THAN 18% GS & B (ABOVE VALUE $ _____ X _____ ÷ 18)		$
FOR PROGRAM B, DEDUCT $4.00 PER POUND FOR RIFTING AND TRIMMING		
FINAL BASIS FOR PAYMENT		$ [redacted] 364.06
LESS: INITIAL PAYMENT VOUCHER NUMBER SCHEDULE NUMBER		[redacted] 188.80
BALANCE DUE [X] SELLER [ ] GOVERNMENT		$ [redacted] 175.26

NAME AND LOCATION OF MINE

[redacted]

PROCESSED FOR PAYMENT (LBS.)	[redacted]	23.23
PROCESSED - NO PAYMENT (LBS.) THINS		
BLACK (*Dots, Spots, Stained*)		
UNDERSIZED		
PROCESSING LOSS	[redacted]	08
TOTAL POUNDS PURCHASED	[redacted]	23.31

SELLER'S NAME AND ADDRESS (*Type or print*)

[redacted]

APPROVED

DEPOT SUPERINTENDENT

DATE [redacted]

GSA FORM 7077

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 3 1958

DATE	INITIALS	CODE
10/3	C	220
16	Com	100
"	JEJ	110
10/6	CBF	800
10/13	[illegible]	600

DMEA EXPLORATION PROJECT

INTERIM REPORT

DMEA-4936, Idm-E1195 (mica) LITTLE BROWN PROS.
Upson County, Georgia

Operator: H. Lee Medford, Spruce Pine (Altapass) No. Carolina

Location: The mine is 0.5 miles east of Po Biddy Road and 4.5 miles south of Thomaston, Upson County, Georgia.

The shaft is down 59 feet. From the collar 27 feet is at -70°, 16 feet at -55°, and 16 feet at -65°. The long dimension of the shaft is N 15°E.

The pegmatite is composed of perthite, plagioclase, quartz, scrap muscovite, and biotite. The footwall in the north end of the shaft strikes north and dips 55° east. The footwall plus 3 feet can be seen in the shaft and the hanging wall is not exposed.

Drifting will be started both ways from the shaft along strike.

Inspected:
September 26, 1958

Stanley A. Feitler, Mining Engineer
U. S. Bureau of Mines

Frank G. Lesure, Geologist
U. S. Geological Survey

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION V

ELECTROTECHNICAL
EXPERIMENT STATION

P. O. BOX 217
NORRIS, TENNESSEE

October 2, 1958

Memorandum

To: Jay L. Chambers, Office of Minerals Exploration, Interior Building, Washington 25, D. C.

From: Personal Assistant, Norris, Tennessee

Subject: Monthly report and voucher

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

Idm-E1195 H. Lee Medford
Docket No. DMEA-4936
4th payment - month of September
Amount $300.00

Helen R. Miller

Attachments
/hbm
Copies to R. A. Laurence
V. J. Lynch
Norris files
Day files

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 6 1958

DATE	INITIALS	CODE
10/6	C	220
"	FEL	110
10/7	Lynch	600

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER ON VOUCHER & SCHEDULE OF PAYMENTS K-2

RECEIVED OCT 1958 D.M.E.

Month of September, 1958 Docket No. DMEA 4936 Contract No. 1195
Operator's Name H. Lee Medford Minerals Mica
Address Altapass, N.C.
Contract Amount, ~~$4137.~~ $4137. Government Participation: 75 % Amount, $ 5516.

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~~ Shafting 10H @ $40	400.	2000.	2400.			
Bulldozing						
Crosscutting						
Drifting						
(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.		116.	116.			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	400.	2116.	2516.	400.00	2116.00	2516.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 9-30-58 *Payee H. Lee Medford
Per Lillian M. Harris Title Secy

*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:
$ 300.00
Signature Helen R. Mellin
(Authorized Certifying Officer)
Date OCT 2 1958 Vou. No. 43
(See other side)

4

100.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1195 in accordance with the terms of the contract.

Signature S. Fiedler Title MINING ENGINEER U. S. BUREAU OF MINES Date OCT 2 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER OME FIELD TEAM REGION V Date OCT 2 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
OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED OCT 6 1958 D.M.E.

Month of Sept. 1958 Docket No. DMEA 193b Contract No. 195
Operator's Name H. Lee Medford Minerals Mica
Address Altapass, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT: Units	AUTHORIZED BY CONTRACT: Unit Costs
~~Drifting~~ Shafting	ft.	$400	10	2400.	60	$40.		
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$400.	10	$2400.				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 9-30-58 Operator H. Lee Medford
Per Lurian M. Harris Title Sec'y

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

Month of September, 1958.

DMEA - 4936
Idm-E - 1195
Date Work began - 6-16-58

W/E 9/19/58

Finished the shaft. 60 feet of shafting has been completed and we are now ready to begin drifting.

Pegmatite is showing all the way across the bottom of the shaft.

1500 lbs of mica has been produced since work began in June.

H. Lee Medford

RECEIVED
OCT 1 - 1958

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

Budget Bureau No. 42-R1036.5

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-

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

Month of August 1958 Docket No. DMEA 4936 Contract No. 1195
Operator's Name H. Lee Medford Minerals Mica
Address Altapass, N. C.
Contract Amount, $4137.00 Government Participation 75% Amount, $5516.00

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: 23' @ 40						
~~Drilling~~ Shafting	$1320.	$680.	$2000.			
Bulldozing						
Crosscutting						
Drifting						
(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.		116.00	116.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1320.00	796.00	2116.00	1320.00	796.00	2116.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 9-19-58 *Payee H. Lee Medford
Per Lillian Harris Title Secretary

*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:

$ 990.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date OCT 1 1958 Vou. No. 40
(See other side)

3

330.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1195 in accordance with the terms of the contract.

Signature S. Fedler Title MINING ENGINEER U. S. BUREAU OF MINES Date

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lamerson Title EXECUTIVE OFFICER OME FIELD TEAM REGION V Date SEP 29 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
OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED OCT 9 DMEA

Month of August 1958 Docket No. DMEA 4936 Contract No. 1195
Operator's Name H. Lee Medford Minerals Mica
Address Altapass, N.C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
~~Drifting~~ Shafting	ft.	$1320.	33	$2000.	50	$40.00	60	$40.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				116.00				
Total Costs		$1320.00		2116.00				

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

Date 9-20-58 Operator H. Lee Medford
Per Louise Harris Title Secretary

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

RECEIVED
SEP 22 1958

Month of August, 1958

DMEA — 4936
Idm-E — 1195
Date work began — 6-16-58

W/E 8/8/58

Continued to drill and blast. Completed several feet of shafting. The shaft is being timbered solidly with 5 feet of pegmatite showing in bottom.

W/E 8/15/58

Repaired pump. Worked in shaft. The pegmatite is still showing, but no mica being produced.

W/E 8/29/58

Completed 33 feet of shafting this month with plenty of pegmatite in sight, but no mica. To date, about 1500 pounds of mica has been found and 50 feet of shafting completed.

H. Lee Medford

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 21 1958

DATE	INITIALS	CODE
8/21	H. g.	225
21	Cook	100
"	[illegible]	110
8/25	[illegible]	800
8/25	[illegible]	600

DMEA EXPLORATION PROJECT

INTERIM REPORT

DMEA-4936, Idm-E1195 (mica) LITTLE BROWN PROSPECT
UPSON COUNTY, GEORGIA

Operator: H. Lee Medford, Spruce Pine (Altapass) North Carolina

Location: The mine is 0.5 miles east of Po Biddy Road and 4.5 miles south of Thomaston, Upson County, Georgia

No work was done at this prospect during the interim.

Inspected: August 15, 1958

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

F. G. Lesure, Geologist
Geological Survey

z

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-

OPERATOR'S MONTHLY REPORT AND VOUCHER

195 8 Docket No. DMEA 4936 Contract No. 1195

Operator: H. Lee Medford

Minerals: Mica

Contract Amount, $ 4137.00 Government Participation: 75 % Amount, $ 5516.00

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~~ Shafting 117 to 40'	680.00	—	680.00	680.00		680.00
Bulldozing						
Crosscutting						
Drifting						
(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.		116.00	116.00		116.00	116.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	680.00	116.00	796.00	680.00	116.00	796.00

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

Date 7-31-58 *Payee H. Lee Medford

Per Lucian Harris Title Secy

*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:

$ 510.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date AUG 4 1958 Vou. No. 14

(See other side)

178.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1195 in accordance with the terms of the contract.

Signature S Fertler Title MINING ENGINEER U. S. BUREAU OF MINES Date AUG 1 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA FIELD TEAM REGION V Date AUG 1 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

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1958 Docket No. DMEA 4936 Contract No. 1195
Operator's Name N. Lee Medford Minerals Mica
Address Altapass, N. C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
~~Drifting~~ Shafting	ft	680.00	17	680.00	17	~~680.00~~ 40.00	60	40.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				116.00				
Total Costs		680.00		796.00				

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

Date 7-31-58 Operator N. Lee Medford
Per Lucian Harris Title Secy

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 A Seider
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

Month of July, 1958

DMEA 4936
Idm-E 1195
Date Work began - 6-16-58

July 7. Drilled and blasted test holes. Hired one man.

July 14. Shaft is being timbered solidly. Pegmatite Narrowed to 14 inches in bottom of shaft.

July 21. Continued to shaft. 17 feet has been completed with about 1200 pounds of block mica being produced so far.

RECEIVED
AUG - 1 1958
U. S. Geological Survey
Contracts Division
Beaver, Penna.

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 1 1958

DATE	INITIALS	CODE
8-1	C	220
"	Com	100
"	[illegible]	110
8/4	[illegible]	800
"	[illegible]	600

DMEA EXPLORATION PROJECT

INTERIM REPORT

DMEA-4936, Idm-E1195(mica) LITTLE BROWN PROSPECT
Upson County, Georgia

Operator: H. Lee Medford, Spruse Pine (Altapass) North Carolina

Location: The mine is 0.5 miles east of Po Biddy Road and 4.5 miles South of Thomaston, Upson County, Georgia.

The toolhouse, cap magazine and powder magazine are finished.

The shaft is 17 feet deep of which 8 feet is vertical and 9 feet inclined at 70°.

In the shaft bottom are one foot of gneiss and four feet of pegmatite with the hanging wall not exposed.

Rains have slowed work in the shaft and the crew has dug about 1000 pounds of mica from the pegmatite at the surface north of the shaft and recovered about 200 pounds from the shaft during the last two weeks.

Shaft sinking will be continued.

Inspected: July 25, 1958

S. A. Feitler, MiningEngineer
Bureau of Mines (DMEA)

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

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DMEA EXPLORATION PROJECT

INTERIM REPORT

DMEA-4936, Idm-E1195 (mica) LITTLE BROWN PROS.
Upson County, Georgia

Operator: H. Lee Medford, Altapass, North Carolina

Location: The mine is 0.5 miles east of Po Biddy Road and 4.5 miles South of Thomaston, Upson County, Georgia.

Work on this project began June 16, 1958.

No one was at the property at the time of the inspection. Power is being brought in from the road. Hoisting equipment is in place and a toolhouse has been built.

Inspected: July 3, 1958.

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 14 1958

DATE	INITIALS	CODE
7-14	C	220
14	Com	100
"	Jg	110
7/15	cdo	800
7/17	Hmh	600

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

D. H. Amos, Geologist
Geological Survey (DMEA)

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

RECEIVED JUL 14 1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K-

OPERATOR'S MONTHLY REPORT AND VOUCHER

2

Month of July, 1958 Docket No. DMEA4436 Contract No. 1195
Operator's Name Helen Medford Minerals Mica
Address Hillsboro, N.C.
Contract Amount, $5,516.00 Government Participation: 75 % Amount, $4,137.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(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.	116.00	—	116.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	116.00		116.00	116.00	—	116.00

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

Date 7-9-58 *Payee H. Lee Medford

Per Lessie M. Norris Title Sec'y

*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)

29.00

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

$87.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date JUL 11 1958 Vou. No. 3

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1195 in accordance with the terms of the contract.

Signature S. Feitler Title MINING ENGINEER ~~U. S. BUREAU OF MINES~~ Date JUL 10 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA FIELD TEAM REGION V Date JUL 10 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

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1958 Docket No. DMEA 4936 Contract No. 1195
Operator's Name H. Lee Medford Minerals Mica
Address Hillsboro, N.C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
* Roads and Trails								
New Buildings		116.00		116.00			116.00	
* Tool house, powder & caps & magazines								
Total Distributed Costs				116.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

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

Date 7-7-58 Operator H. Lee Medford

Per [illegible] Title [illegible]

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

Month of June, 1958

DMEA No. 4936
Idm-E. No. 1195
Date work began 6-16-58

Work Accomplished:

June 16 - June 21:

Constructed toolhouse, powder and exploder magazines.

June 23 - 27:

Moved and set up hoist. Erected power line 1½ miles. Planned to start shaft July 7.

H. Lee Mulford

RECEIVED
JUL 10 1958
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

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

June 12, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 16 1958

DATE		
6/16	C	220
6/16	C	215
6/16	Hold	600

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Signed Contract - DMEA-4936, Idm-E1195-mica.
H. Lee Medford, Spruce Pine, N.C.
Little Brown Prospect, Upson County, Georgia

Transmitted are the Government and Audit copies of the subject contract.

The usual distribution of the other copies has been made.

Robert A. Laurence

Robert A. Laurence

zm

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5-22	Knouse	600
5/23	Houk	600
5-23	Chamberlin	800
5/26	[illegible]	130
"	Johnson	130
		~~130~~
		~~110~~
27	Rutledge	100
5/27	J.G.	220
		600

MAY 27 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-4936-Mica
H. Lee Medford
Little Brown Prospect
Upson County, Georgia

Dear Mr. Laurence:

Enclosed are the original and four copies of a proposed short-form contract between the Government and the subject Applicant, signed by the Administrator. The contract consists of Form 200A; Annex I (one page); Exhibit A (two pages); and one map, (Figure I). Also enclosed for the use of the Field Team, are two extra copies of Annex I, Exhibit A and map (Figure I).

Sincerely yours,

George C. Selfridge
(esf)
Chairman, Operating Committee

Approved:

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

N. E. Nelson (esf)
Member, Geological Survey

FLKnouse:rsi 5/22/58
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Knouse

Enclosures 10

P.S. Copies of memoranda dated May 13 and 16, 1958, by Mr. W. P. Williams, USGS, and Mr. W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

8623

7

OFFICIAL FILE COPY

Date	Surname	Code
5/15	Knouse	600
		600
		140
		220

600

Memorandum

To: Legal Division

From: Division of Nonmetallic Minerals

Subject: Docket No. DMEA-4936-Mica
H. Lee Medford
Little Brown Prospect
Upson County, Georgia

Attached is a draft of a short-form contract covering the subject project. The map (Figure I) referred to in the contract draft is being duplicated and the necessary copies will be forwarded for attachment to the contract.

Please prepare a contract from the draft.

F. L. Knouse
Division of Nonmetallic Minerals

FLKnouse:rsi 5/15/58
Copy to: Admr. R. File
Mr. Houk
Mr. Knouse

RECEIVED
MAY 16 1958
ASSOC. SOLICITOR
MINERAL RESOURCES

8623

5/19/58 B
5/20 Kuwa 220
600

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

May 16, 1958

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4936 (mica)

Applicant: H. Lee Medford

Name and Location of Property: Little Brown Mine, Upson County, Georgia

Date of Field Team Report: 5/5/58

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 5/12/58

Field Team Recommendation: Recommend approval of a contract as outlined in report.

Comments:

1. This prospect was reportedly worked between 1916 and 1918 but no records are available.
2. The applicant has exposed a mica-bearing pegmatite 115 feet long and 2 to 11 feet thick in a 20 foot deep bulldozed trench.
3. Good quality mica in books up to 3 by 5 inches are visible in concentrations along the hanging wall.
4. Applicant states that mica produced during bulldozing sold for over $2,000.
5. This deposit appears to have possibilities for the development of strategic mica.

Recommendation:

I concur with the field team in recommending that DMEA assistance be granted.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 14 1958

DATE	INITIALS	CODE
5/14/58	KVB.	220
5/14	Kuowal	600

May 13, 1958

Memorandum

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

From: W. P. Williams, U. S. Geological Survey

Subject: Review of Field Examination Report, DMEA 4936 (Mica)
H. Lee Medford, Altapass, North Carolina, Little Brown Mine, Upson County, Georgia

The examining team report that geologic conditions on the applicant's property appear to be good for undiscovered reserves of strategic-grade mica. They point out that a pegmatite dike about 115 feet long and 2 to 11 feet wide is exposed on the property. In 1957 and 1958 the applicant bulldozed a large open cut which is now 130 feet long, 25 feet wide, and 20 feet deep. That work exposed strategic-grade mica which was ruby and of good quality. = 5,000 lbs

The DMEA Field Team, Region V, points out that the overall aspect of the pegmatite is good and it appears to be a better than average possibility for discovery of strategic mica.

The examining team recommend approval of an exploration project consisting of a 60-foot shaft and 100 feet of drift in the pegmatite. I agree with the findings and recommendations of the Field Team for approval of the application.

W. P. Williams

W. P. Williams

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

OFFICE FILE COPY
DMEA
RECEIVED MAY 8 1958

DATE		CODE
5/8	C	220
5/12	2B	130
5/12	C	220
5/14	Hoch	600
5/14	Knoxville	600

May 5, 1958

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Field Examination Report, DMEA-4936 (mica)
H. Lee Medford, Altapass, N. C.
Little Brown Mine, Upson County, Georgia

Enclosed are the original and two copies of the subject examination report, with eight extra copies of the geologic map. The Applicant's property map, which was sent with the application would make a suitable contract map.

It was not possible to get precise (or even approximate) measurements of the number of mica books per cubic foot of pegmatite, or of the thickness of possible mica zones. It is seldon ever possible to get such data in a deeply weathered Piedmont pegmatite. Nevertheless, the overall aspect of the pegmatite is good, and it appears to be a better than average possibility for a discovery of strategic mica. Therefore, we are in agreement with the Examiners, and we recommend approval of a contract as outlined in the report.

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

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

Reviewed by
DMEA OPERATING COMMITTEE
5-12-58
(date)

On-Site Exam Rpt

8 extra maps in envelope 7 folder

DMEA
RECEIVED MAY 8 1958
DATE | INITIAL | CODE
5/12 | HB | 130
220

UNITED STATES

DEPARTMENT OF THE INTERIOR

DEFENCE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT, REGION V

DMEA-4936 (Mica) LITTLE BROWN PROSPECT
Upson County, Georgia

F. G. Lesure, Geologist
U. S. Geological Survey

S. A. Feitler, Mining Engineer
U. S. Bureau of Mines

May 5, 1958

Reviewed by
DMEA OPERATING COMMITTEE
5-12-58
(date)

DMEA
RECEIVED

FIELD EXAMINATION REPORT

DMEA-4936 (Mica) LITTLE BROWN PROSPECT
Upson County, Georgia

Applicant: H. L. Medford
Altapass, North Carolina

SUMMARY

An irregular pegmatite dike about 115 feet long and 2 to 11 feet wide is exposed in a bulldozer trench 20 feet deep at the Little Brown prospect. Muscovite of strategic quality is concentrated in areas along the hanging wall of the pegmatite. The Applicant reports that between $2,000 and $3,000 worth of mica was produced during the bulldozing. It is recommended that exploration assistance be granted.

INTRODUCTION

Location

The Little Brown prospect is on the crest of a low hill 0.5 mile east of the Po Biddy road and 4½ miles south of Thomaston, Upson County, Georgia. Access to the mine is good at all times over a dirt road 0.5 mile long off the paved Po Biddy road.

Examination

The examination of the Little Brown prospect was made on April 23, 1958, and lasted 1 hour. The examiners were accompanied by Mr. H. L. Medford, Mr. Howard Boone, Dr. A. S. Furcron, Chief Geologist, Georgia Geological Survey, and Mr. R. A. Laurence, Executive Officer, DMEA Field Team, Region V.

Previous Operations

According to the Applicant the Little Brown prospect was first worked in several shallow shafts about 20 feet deep between 1916 and 1918.

No records of these old workings are available. Neither A. S. Furcron nor K. H. Teague was aware of their existence when Ga. G. S. Bulletin 48 was written. In 1957-58 the Applicant bulldozed the present open cut which is now 130 feet long, 25 feet wide and 20 feet deep. The Applicant reports that mica produced during this bulldozing was trimmed and sold for $2,000 to $3,000. The exact amount of mica recovered is unknown.

At present there are no buildings or equipment on the property. Water for drilling will have to be hauled in. Electric power is available along the Po Biddy road 0.5 mile to the west.

GEOLOGY

An irregular pegmatite dike about 115 feet long and 2 to 11 feet wide is exposed in the open cut at the Little Brown prospect. The dike trends N. 30° E. and dips steeply southeast. It is generally discordant to the foliation of the country rock, a deeply weathered mica gneiss. The dike was probably injected along a fault zone in the gneiss and seems to finger out into gneiss along the southwest end. No indication of plunge was seen in the pegmatite.

The pegmatite is composed of medium- to coarse-grained plagioclase, perthite, quartz, and muscovite. No zoning was seen, but at the bottom of the cut near the site of the former shaft discontinuous pieces of quartz possibly representing a quartz core were reported by the Applicant. Slumping resulting from recent heavy rains has concealed this area.

Muscovite in books up to 3" x 5" is present in the pegmatite. The mica is generally concentrated in several areas along the hanging wall.

The muscovite is ruby and of good quality. The Applicant reports that much of the mica recovered during bulldozing trimmed to no.5 and 6 sizes but some trimmed to no. 4.

Both gneiss and pegmatite are deeply weathered and soft in the cut.

RECOMMENDATIONS

We recommend that exploration assistance be granted. The pegmatite dike is long enough and contains enough indications of muscovite concentrations to be considered a geologic target. Exploration is needed to determine if the muscovite concentrations along the hanging wall are shoots and if so the attitude and size of these shoots. We recommend sinking a 60-foot shaft near the hanging wall of the pegmatite where the former shaft bottomed and driving 100 feet of drift in pegmatite.

F. G. Lesure, Geologist
U. S. Geological Survey

S. A. Feitler, Mining Engineer
U. S. Bureau of Mines

LITTLE BROWN PROJECT

Cost Estimates

Construction:

Toolhouse	$ 75.00	
Powder magazine	25.00	
Cap magazine	15.00	
Total construction		$ 115.00

Sink a 60-foot, two compartment shaft 5 x 7 feet in cross section from the bottom of the open cut as shown on attached map. At his own expense, operator will crib up from the bottom of the cut and backfill to eliminate danger of damage by slump. (~~40~~ 35 shifts) sinking 1.7 ft./shift.

Depreciation on equipment:

Gardner Denver 105 compressor	$3,600.00	
Jack hammer	400.00	
Jack leg	225.00	
Hose--air and water	150.00	
Hoist and rope	500.00	
Dump	350.00	
Discharge hose	100.00	
Total value of equipment	$5,325.00	$153.50
Depreciation ~~2~~ 1¾ mos. @ $88.75/mo.		$ ~~177.50~~ 137

Labor:

1 Foreman-miner	(per shift)	$ 14.00	
1 Hoistman	(per shift)	12.00	
1 Laborer	(per shift)	8.00	
	Per 8-hour shift	$ 34.00	
Total labor--~~40~~ 35 shifts @ $34.00			* ~~$1,360.00~~ 1190.00

Supplies, tax, and insurance:

Gasoline and oil	$ 135.00	
Explosives	180.00	
Drill steel	90.00	
Timber -- 3,000 BF.	195.00	
Small tools and miscellaneous	150.00	
Sales tax	22.00	
Soc. security and insurance	* ~~163.00~~ 142.80	
		$914.80
12% $1190.00 = $142.80 Total supplies, etc.		$ ~~935.00~~
		$2373.30
Total estimated cost of shaft		~~$2,472.50~~

$2373.30/60 ft = $39.56/ft use $40/ft.

Estimated cost/foot of shaft $41.28.

Drift and/or crosscut 100 feet 5 x 7 feet in cross section from or near the bottom of the shaft. (~~50~~ 45 shifts)

drifting rate 2.2 ft/shift use 45 shifts

Depreciation on equipment:

	$199.69
Depreciation ~~2½~~ 2¼ mos. @ $88.75/mo.	$ ~~221.88~~

Labor:

1 Foreman-miner	(per shift)	$ 14.00	
1 Hoistman	(per shift)	12.00	
1 Laborer	(per shift)	8.00	
	Per 8-hour shift	$ 34.00	$1,530.00
Total labor -- ~~50~~ 45 shifts @ $34.00			* $1,700.00

Supplies, tax, and insurance:

Gasoline and oil	$ 225.00	
Explosives	375.00	
Drill steel	150.00	
Timber-- 1,000 BF	65.00	
Small tools and miscellaneous	200.00	
Sales tax	30.00	
Soc. security and insurance	* ~~204.00~~ 183.60	
		$1228.60
Total supplies, etc.		~~$1,249.00~~
		** $2958.29
		$3,170.88

* 12% of $1530.00 = $183.60

Estimated cost/foot of drift $31.71.

** 2958.29/100 ft = $29.58/ft. use $30/ft.

Summary of Estimates

Construction	$ 115.00	
Sinking 60 feet	2,472.50	
Drifting and/or crosscutting 100 feet	3,170.88	
Total estimated cost of project		$5,758.38

Government contribution $4,318.79.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/27	Houk	600
2/28	Selfridge	130
2/28	Lamb	130
2/28	Kilsgaard	130
"	Johnson	110
"	Dankenbrink	100
3/3	C	220
		600

600

Mr. H. Lee Medford

FEB 28 1958

Altapass, North Carolina

Re: Docket No. DMEA-4936-Mica
H. Lee Medford
Little Brown Prospect
Upson County, Georgia

Dear Mr. Medford:

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.

The Warranty Deed is returned as you requested, also sales ticket.

Sincerely yours,

C. C. Kittendorf (for)

Administrator

Enclosures

LGHouk:rsi 2/27/58
Copy to: Admr. R. File
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/27	Houk	600
2/28	GCS	130
"	Johnson	110
		100
		220

600

FEB 28 1958

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

Re: Docket No. DMEA-4936-Mica
H. Lee Medford
Little Brown Prospect
Upson County, Georgia

Dear Mr. Laurence:

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

Copies of memoranda dated February 7 and 25, 1958, 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 (GHB)

Approved:

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

Thor H. Kiilsgaard (GHB)
Member, Geological Survey

Enclosures 5

LGHouk:rsi 2/27/58
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

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

February 25, 1958

RECEIVED FEB 26 1958		
DATE		
2/26	C	220
2/27	Hmh	600

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4936 (mica)

Applicant: H. Lee Medford

Name and Location of Property: Little Brown Prospect, Upson County, Ga.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 2/6/58

Comments:

1. Applicant requests $5,000 to explore for mica. He further claims to have sold 33½ pounds of mica from undesignated source.

2. No work program is outlined.

3. Although it would be desirable for the applicant to furnish more complete information, it appears that a visit by an examiner would furnish more useful data.

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.

W. F. Dietrich

W. F. Dietrich

DMEA
FEB 10 1958
INITIALS | CODE
C | 220
600

IN REPLY REFER TO:

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

February 7, 1958
Re: DMEA 4936
H. Lee Medford
Little Brown Prospect
Upson County, Georgia
$5,000 - Mica

Memorandum

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

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

Subject: Review of application

The applicant requests assistance in exploring, I assume, a pegmatite. No information is given concerning the pegmatite and no work program is outlined.

The application says 33½ pounds of mica have been sold and $352.68 received as an initial payment.

Judging by its name and location in the Miles Brown Estate, the prospect is near the Brown Mine, one of the most extensively worked deposits in Georgia, Geological Survey Professional Paper 248-F, 1953.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

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

February 6, 1958

Mr. H. Lee Medford
Altapass, North Carolina

Subject: DMEA-4936

Dear Mr. Medford:

Your application for exploration assistance, dated February 1, 1958 submitted to our office at Knoxville, Tennessee has been assigned Docket Number DMEA-4936 and referred to the Non Metallics 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

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

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 6
DATE

February 4, 1958

Mr. H. Lee Medford
Altapass, North Carolina

Dear Mr. Medford:

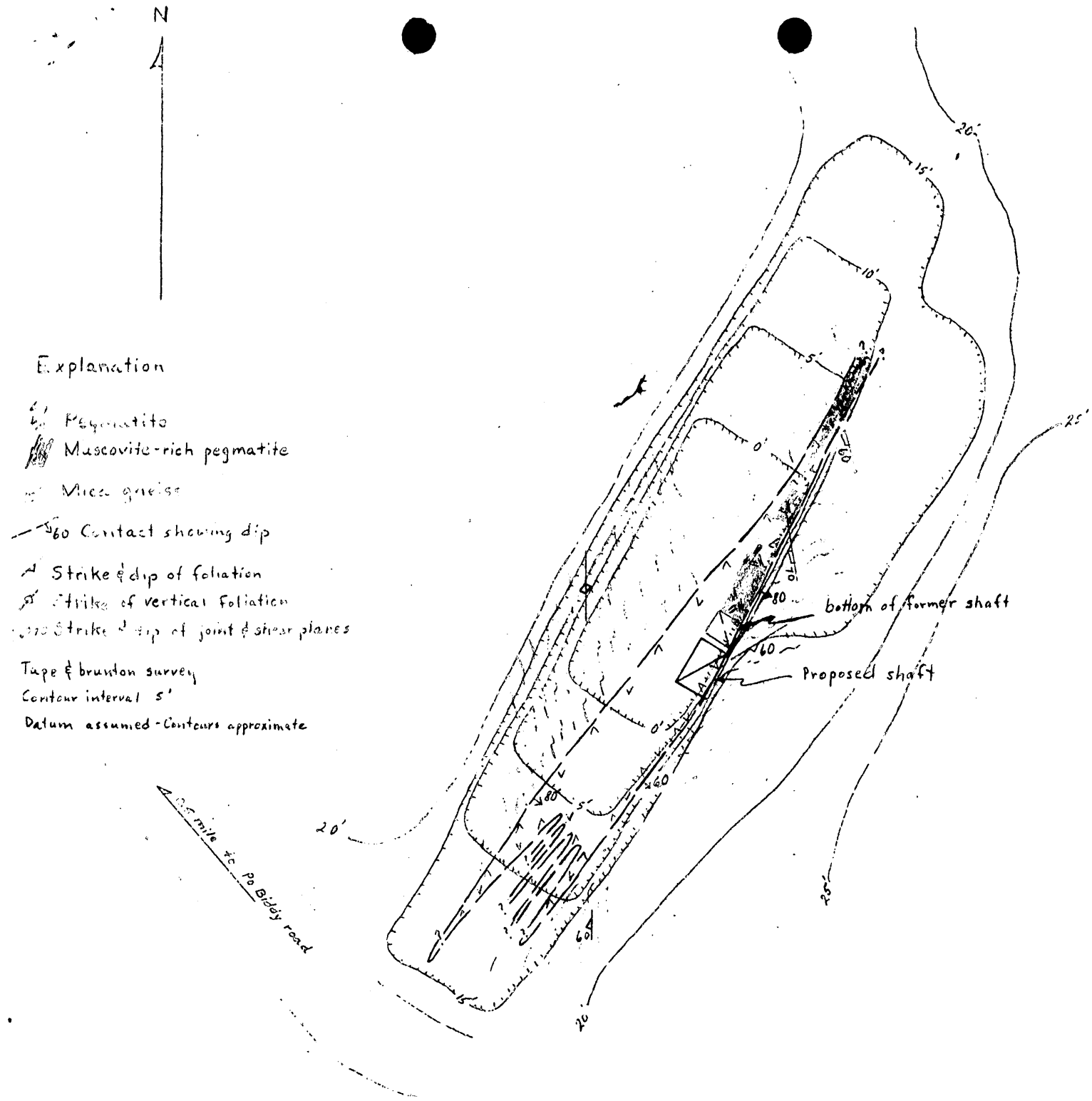
Your application for aid in exploration for strategic mica at the Little Brown prospect in Upson County, Georgia has been forwarded to our Washington office in accordance with established procedure. We will notify you in advance if an examination is to be made.

I note that the January 27 sale of mica was made by Southern Mining Company, although the warranty deed and the application are both in your name. I assume that the proposed exploration will be done by you as an individual and not by the Southern Mining Company.

Very truly yours,

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

RAL/zm
cc
Opr. Com-2
Lynch
Files



Little Brown Prospect

Upson County, Georgia

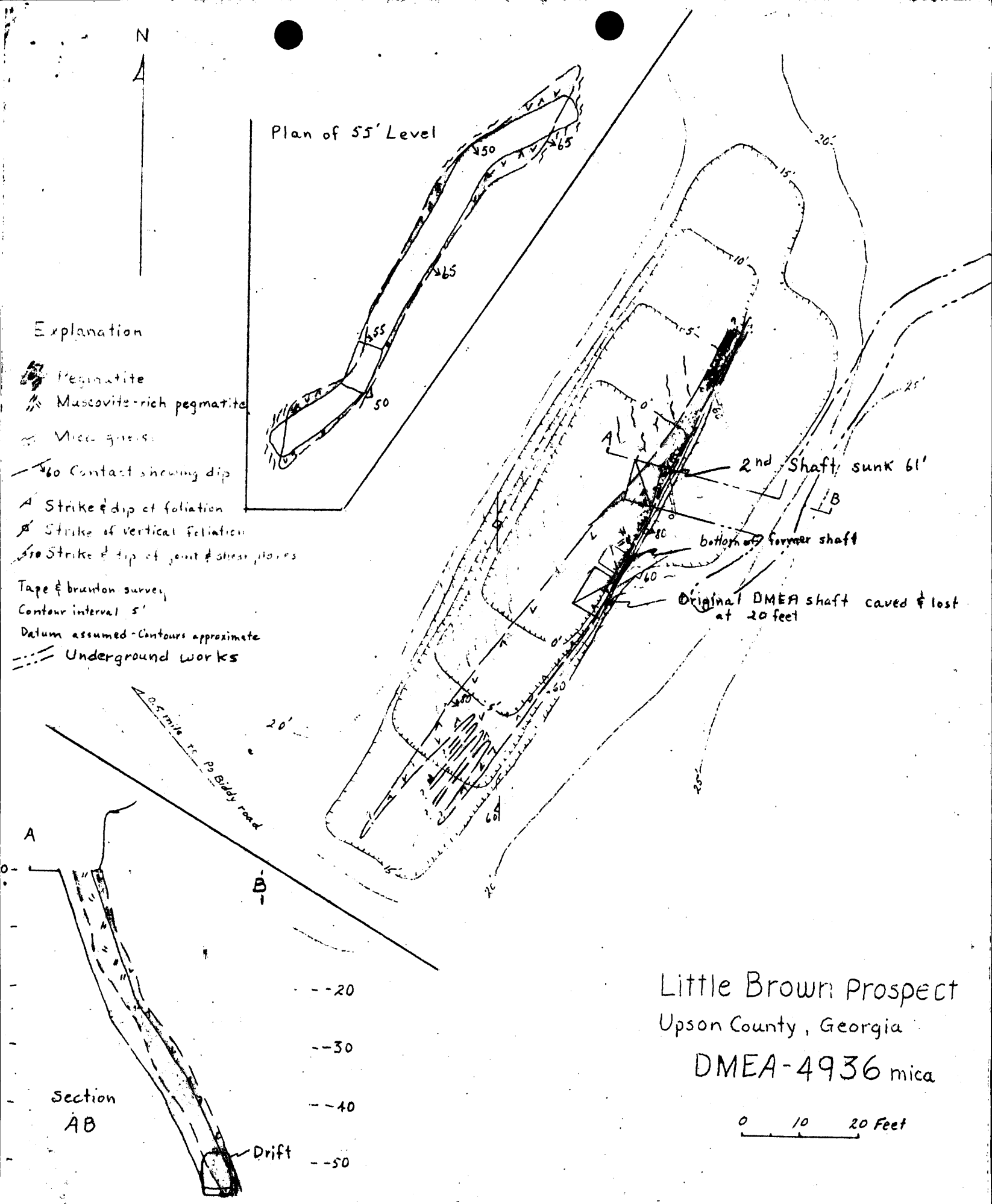
DMEA-4936 mica

0 10 20 Feet

FG1

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 8 1958

DATE	INITIAL	CODE


N
Plan of 55' Level
Explanation
Pegmatite
Muscovite-rich pegmatite
Mica gneiss
Contact showing dip
Strike & dip of foliation
Strike of vertical foliation
Strike & dip of joint & shear planes
Tape & brunton survey
Contour interval 5'
Datum assumed - Contours approximate
Underground works
2nd Shaft sunk 61'
bottom of former shaft
Original DMEA shaft caved & lost at 20 feet
0.5 mile to Po Biddy road
Section AB
Drift
Little Brown Prospect
Upson County, Georgia
DMEA-4936 mica
0 10 20 Feet

FGL 4/58

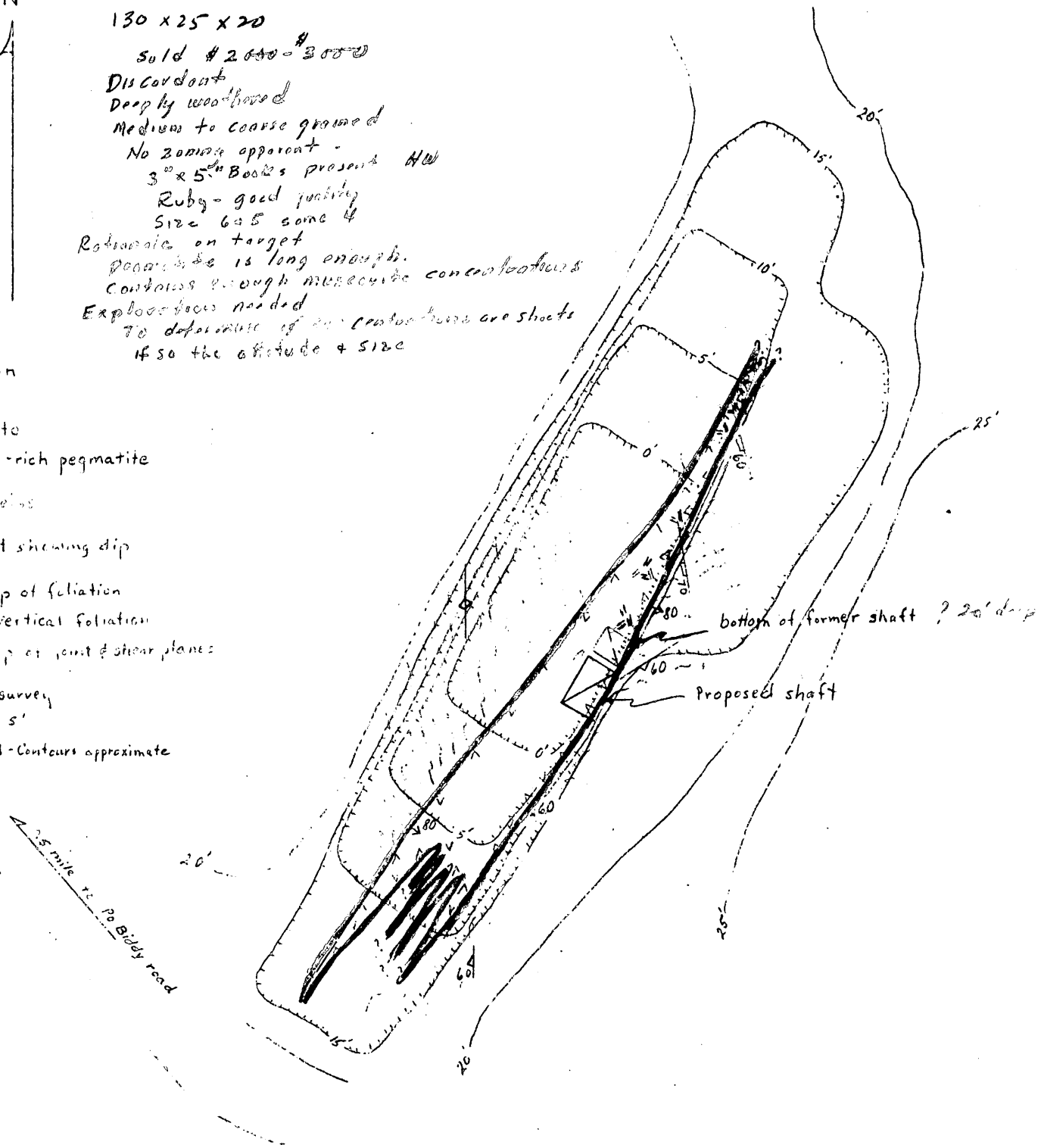
N

open cut
130 x 25 x 20
sold $2000 - $3000
Discordant
Deeply weathered
Medium to coarse grained
No zoning apparent -
3" x 5" Books present HW
Ruby - good quality
Size 6 x 5 some 4
Radioactive on target
pegmatite is long enough.
Contains enough muscovite concentrations
Exploration needed
To determine if the concentrations are sheets
If so the attitude & size

Explanation

Pegmatite
Muscovite-rich pegmatite
Vein quartz
60 Contact showing dip
Strike & dip of foliation
Strike of vertical foliation
Strike & dip of joint & shear planes

Tape & brunton survey
Contour interval 5'
Datum assumed - Contours approximate



Little Brown Prospect

Upson County, Georgia

DMEA-4936 mica

0 10 20 Feet

$\frac{4+10}{2} \times 40 = 280$ □' 23 Ton/ft pegmatite

$\frac{\$3000}{20' \text{ depth}} = \$150/\text{ft}$ Δ = $15.00/Ton

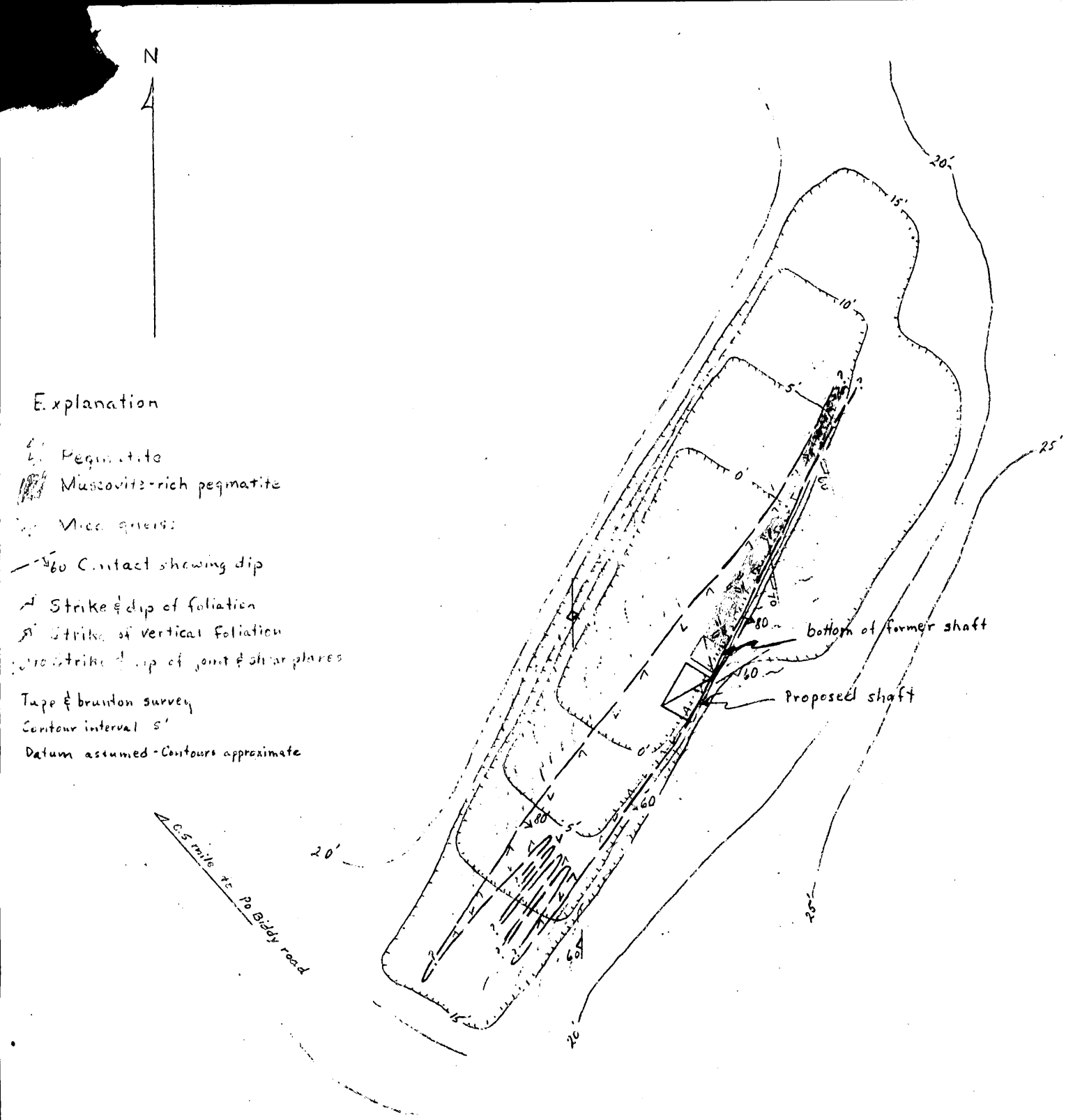
60' shaft x 23 Ton/ft = 1380 Tons in block
1380 x $15 = $20700 x .05 = $1035 return

GP $4318

FGL 4/58

EXTRA COPY
D M E A
RECEIVED MAY 8 1958

DATE	[illegible]	CODE



Little Brown Prospect

Upson County, Georgia

DMEA-4936 mica

0 10 20 Feet

FGL 4/58

EXTRA COPY
D M E A
RECEIVED MAY 8 1958

DATE	INITIALS	CODE

U. S. BUREAU OF MINES
4800 FORBES STREET
PITTSBURGH 13, PA.
U. S. A.

OFFICIAL BUSINESS

Larry Houk
DMEA
4451 Interior Bldg.
Washington25, D.C.

POSTMASTER: Printed matter. This parcel may be opened
6-336 for postal inspection if necessary.