IMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE E 1061 IMEA NO. 4473

Application (Denied
(Withdrawn
(After disposition, delete items not applicable)

Contract (Terminated - not Certified
(Cancelled
(Terminated - Certified
(Royalty Agreement

This is the official contract file containing all official records of the project. The records contained in the files are checked and are arranged in this order:

Left Side

Interim Royalty Audits
Reports of Royalty Review
Certification of Discovery
Certificate of Audit (Final)
Interim Audit(s)
✓ Report of Review
Termination Notice or Agreement
Recision Notice
Assignment of Contract
Contract Amendments (latest on top)
✓ Contract with all exhibits and annexes
✓ Owner's Consent to Lien
✓ Subordination Agreement
✓ Leases and assignments of leases
✓ Application and attachments
(3) ✓ Envelope for maps

Right Side

Project summary
Work completed analysis
All other material is filed in chronological order with correspondence including the following reports as checked:

✓ Final Field Team Report (Tab)
✓ Operator's Final Report
✓ (2R) Interim Reports
✓ (2R) Operator's monthly reports and all attachments (latest on top)
✓ On-site Exam Report(s) (Tab)
(4) Settlement Sheets

When the volume of records is expected to warrant additional folders, or when convenience of reference warrants separate folders for certain records, they should be set up in this order:

Left Side

Folder No. 2: (In chron. order)
Interim Summary Reports by W. O. Engineers

Right Side

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

Folder No. 3: Maps (Use pocket folder or envelope. Fold maps with title block out and show reference to related document or correspondence.)

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/7	Anderson	600
2/7	Houk	600
2-10	Chambers	800
2/10	Selbredge	120
"	Johnson	110
"	Mittendorf	100
2/11	C O	220
		680

600

FEB 10 1958

Mr. Homer Boone
c/o Sam L. Phillips
Spruce Pine, North Carolina

Re: Docket No. DMEA-4473-Mica
Homer Boone
Pete Prospect
Yancey County, North Carolina
Contract No. Idm-E1061

Dear Mr. Boone:

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

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

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

Sincerely yours,

C. O. Mittendorf (for)

Administrator

WCAnderson:rsi 2/7/58
Copy to: Admr. R. File
Mr. Chambers
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. P. C. Coletta

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/7	Anderson	600
2/7	Houk	600
2-10	Chambers	800
2/10	Selfridge	120
"	Johnson	110
"	Rothenberg	100
		220

600

FEB 10 1958

Mr. P. C. Coletta

Burnsville, North Carolina

Re: Docket No. DMEA-4473-Mica
Homer Boone
Fete Prospect
Yancey County, North Carolina
Contract No. Idm-E1061

Dear Mr. Coletta:

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

This correspondence relates to the Consent to Lien and Subordination Agreement signed by you on January 14, 1957.

Sincerely yours,

C. O. Mitchell (for)

Administrator

Enclosure

WCAnderson:rsi 2/7/58
Copy to: Admr. R. File
Mr. Chambers
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Homer Deane
Route 3
Bakersville, North Carolina

pertaining to Exploration Project Contract No. DMA-E1061, DMEA No. 4473, for the months of March 1957 to July 1957, inclusive, covering a project for the exploration of mica on property, known as the Pete Prospect located in Yancey County, North Carolina.

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

all of the costs incurred were under a contract provision for payment by the Government on the basis of fixed unit costs of work actually performed.

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

Total cost as billed by Contractor		$5,048.00
Exceptions:		
Prior to this review	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$5,048.00

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Three thousand seven hundred eighty-six and no/100 Dollars

$3,786.00

is considered valid and proper, provided that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

E. D. Talbert
E. D. Talbert, Auditor

August 1, 1957

Government's copy

MF-200A
(Rev. April 1956)

OFFICIAL FILE COPY DMEA RECEIVED FEB 27 1957		
DATE	INITIALS	CODE
2-27	C	220
2-27	B	215
		600

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*
4473	Mica	1061	Yancey	North Carolina

It is agreed 13 FEB 1957, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Homer Boone, Route 3, Bakersville, North Carolina

whose mailing address is c/o Sam L. Phillips, Spruce Pine, North Carolina

hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority and project.*—(a) This contract is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200A), the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed therein. The project work is a search for indicated or undeveloped deposits of the commodity designated above. The Operator shall begin the work on or before APR 1 1957, and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within 7 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 $5,048.00. The Government will contribute 75 percent of the fixed unit cost of the work performed, not exceeding $3,786.00, 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: Interest of lessor

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 10. *Changes and added provisions.*—

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.....

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Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

Homer Boone

Homer Boone

By C P Mittendorf

Administrator, Defense Minerals Exploration Administration

By .....

.....

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

Indreg 2/4/57
Lawyer
Legal Sol. Off.
Anderson
Hoot
Chambers
Selfridge
Johnson

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 27 1957
DATE | INITIALS | CODE

EXPLORATION PROJECT CONTRACT
HOMER BOONE
DOCKET NO. DMEA-4473

ANNEX I

The land referred to in Article 2 of the Contract is known as the Pete Prospect. It is located 0.79 ~~airline miles~~ S 80° W from Kona, Yancey County, North Carolina, on the north bank of the South Toe River about 150 feet upslope from the river and 98 feet upslope from the center line of the Carolina, Clinchfield and Ohio Railroad. The property was leased to the applicant by P. C. Coletta for a period of five years by an instrument dated January 14, 1957. The land is more particularly described as follows:

> Beginning on a Oak on top of the mountain, a old established corner, running thence South 594' to a stake at the road, thence South 45 degrees East 247.5' to a Buckeye, thence South 297' to a White Walnut at the river, thence running up and with the river North 80 degrees West, 643.5' to a Ash near the river, thence North 25 degrees East 1155' to the beginning, containing ten acres, joining the property of the Carolina Mineral Company. This property located on the headwaters of Brush Creek in Yancey County, N.C., as recorded in register of Deeds Office in Burnsville, N.C., Yancey Co. Book #105, Page #283.

The land is shown on the plat entitled "The Pete Prospect," attached hereto and made a part hereof.

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

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E 1061
Contract Date 13 FEB 1957

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of Yancey, State of North Carolina, described as follows: 2/
Beginning on a Oak on top of the mountain, a old established corner, running thence South 594' to a stake at the road, thence South 45 degrees East 247.5' to a Buckeye, thence South 297' to a White Walnut at the river, thence running up and with the river North 80 degrees West, 643.5' to a Ash near the river, thence North 25 degrees East 1155' to the beginning, containing ten acreas, joining the property of the Carolina Mineral Company. This property located on the headwaters of Brush Creek in Yancey County, N.C., as recorded in register of Deeds Office in Burnsville, N.C., Yancey Co. Book #105, Page #283 .

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

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

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

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

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

None

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

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

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

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

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

Dated this 14th day of Jan., 1957

G. C. Collette [Seal] Burnsville, N.C. [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

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

_____

[Corporate Seal]

RECEIVED JAN 23 1957 DMEA

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 27 1957

DATE	INITIALS	CODE

EXPLORATION PROJECT CONTRACT
HOMER BOONE
DOCKET NO. DMEA-4473

EXHIBIT "A"

Description of the Work

Exploration for concentrations of strategic mica shall be performed in the area indicated on the attached map entitled "Pete Prospect, Yancey County, North Carolina, DMEA-4473 (mica)," as follows:

1. Construct access road - 300 feet long by 10 feet wide, excavating not more than 333 cubic yards.

2. 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.

3. Sink a timbered two-compartment inclined shaft a distance of not more than 60 feet.

4. From the bottom or near the bottom of the shaft, drift and/or crosscut a distance of not more than 80 feet.

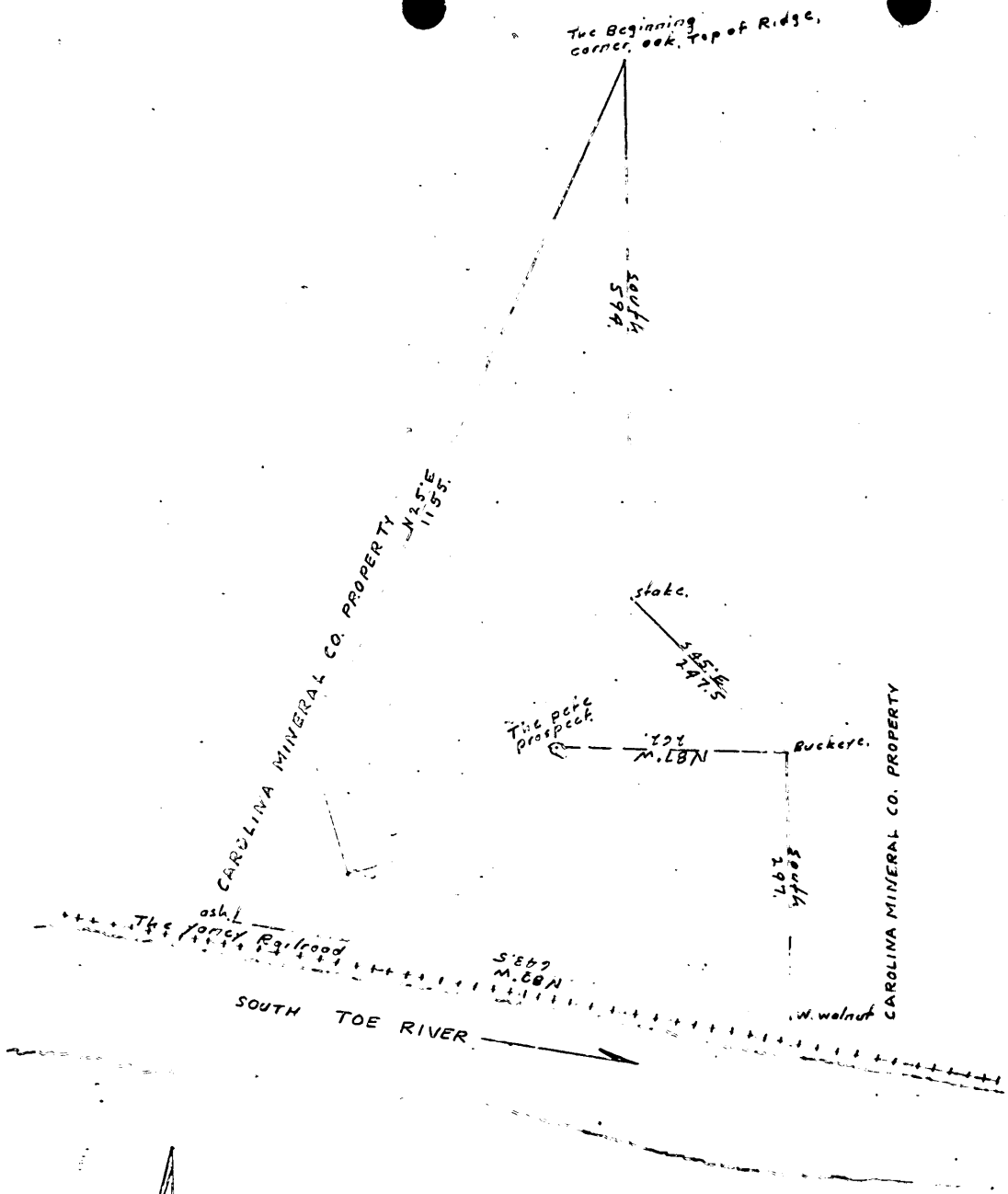
The drifts and/or crosscuts shall be timbered as necessary and shall have minimum cross-sectional dimensions of 5 feet by 7 feet in the clear of timber. All work shall be performed on the pegmatite or in as close proximity thereto as possible.

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

Fixed Unit Costs

1.	Construction of access road: 333 cubic yards @ $0.40/cu. yd. (rounded to)		$ 133.00	
2.	Construction:			
	Toolhouse 1/	$75.00		
	Powder Magazine 1/	25.00		
	Exploder Magazine 1/	15.00	115.00	
3.	Sinking an inclined shaft 60 feet @ $40.00/ft.		2,400.00	
4.	Drift and/or crosscut 80 feet @ $30.00/ft.		2,400.00	
	Estimated Total Cost of Project			$5,048.00
	Government Participation @ 75%			$3,786.00

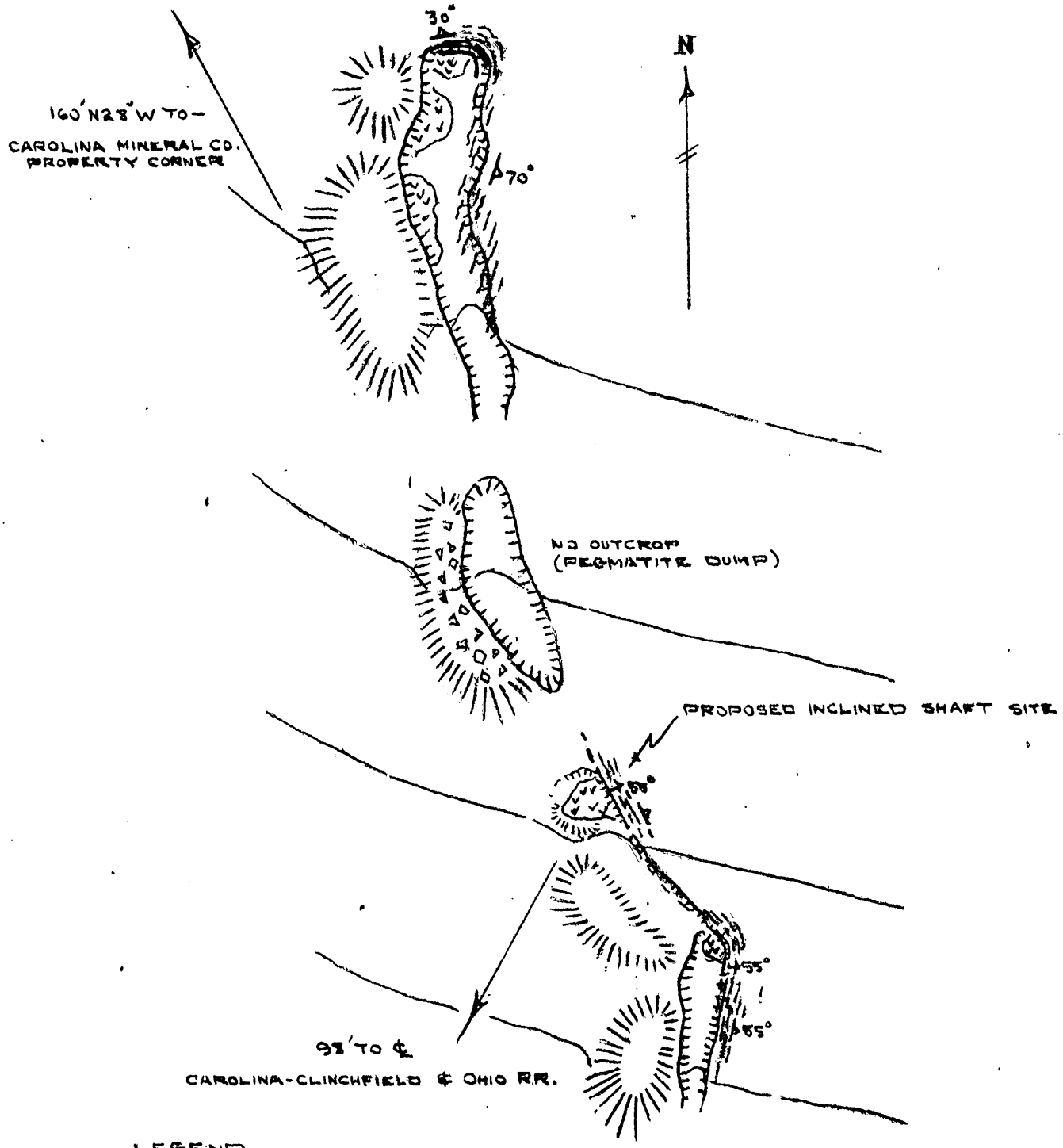
1/ The completed work constitutes the unit.



THE PETE PROSPECT
CONTAINS 10. ACRES
DATE JAN-10-1957
SCALE 1" = 100'

DMEA-4473-mica
HOMER BOONE

N



LEGEND

- PEGMATITE
- HORNBLENDE GNEISS
- EXCAVATION
- DUMP

PETE PROSPECT
YANCEY COUNTY, NORTH CAROLINA
DMEA-4473 (MICA)

SCALE: 1" = 20'

SCB 11/86

DNFA _____

DOCKET INDEX

ACTION DOCUMENTS

1. APPLICATION DATE RECEIVED

2. CONTRACT 1001 DATE 13 FEB 1957

3. TERMINATION AGREEMENT DATE

   a. Mutual (with/without repayment provision).
   b. Unilateral.
   c. Amendment with automatic termination clause and with/without repayment provision.

4. CERTIFICATION DATE

5. AUDIT REPORT DATE

6. AMENDMENTS - NUMBERS DATE

MINING LEASE

State of North Carolina Yancey Mitchell County:

This indenture made this 14th. day of January, 1957 ~~X1953~~,

between P.C. Coletta

of Yancey County and State of North Carolina as party of the first part, and known as lessor, and Homer Boone

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

WITNESSETH, That the part of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit:

Beginning on a Oak on top of the mountain, a old established corner, running thence South 594' to a stake at the road, thence South 45 degreds East 247.5' to a Buckeye, thence South 297' to a White Walnut at the river, thence running up and with the river North 80 degrees West, 643.5' to a Ash near the river, thence North 25 degrees East 1155' to the beginning, containing ten acreas, joining the property of the Carolina Mineral Company. This property located on the headwaters of Brush Creek in Yancey County, N.C., as recorded in register of Deeds Office in Burnsville, N.C., Yancey Co. Book #105, Page #283.

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

AND IT IS FURTHER AGREED That the party of the second part, the lessee hereby agrees to pay to the said part of the first part, or his or their heirs or assigns, a rental royalty of 1/8 (One-eighth) on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

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

~~AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, is hereby given an option to purchase all the right, title and interest, legal and equitable to and in the real estate described and set forth in this lease for a total purchase price of _____, said purchase price to be paid in full within three years from the date of this instrument and it is agreed that all rental royalties paid to the party of the first part shall apply toward and be a part of the total purchase price above set forth, and that at such time that the total purchase price is paid in the form of royalties or a lump sum payment or a combination of both, the party of the first part will execute a special warranty deed to the party of the second part and that a tender of the remaining purchase price at any time within the next three years shall entitle the party of the second part to specific performance of this option contract.~~

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

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

Witness:

Herman Boston

Lewis Patterson

M Com 32558

P C Coletta (Seal)

(Seal)

(Seal)

RECEIVED
JAN 23 1957
D.M.E.A.

MINING LEASE

State of North Carolina Yancey County:

This indenture made this 14th. day of January, 1957 ~~XXXX~~,

between P.C. Coletta

of Yancey County and State of North Carolina as party of the first part, and known as lessor, and Homer Boone

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

WITNESSETH, That the part of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit:

Beginning on a Oak on top of the mountain, a old established corner, running thence South 594' to a stake at the road, thence South 45 degreds East 247.5' to a Buckeye, thence South 297' to a White Walnut at the river, thence running up and with the river North 80 degrees West, 643.5' to a Ash near the river, thence North 25 degrees East 1155' to the beginning, containing ten acreas, joining the property of the Carolina Mineral Company. This property located on the headwaters of Brush Creek in Yancey County, N.C., as recorded in register of Deeds Office in Burnsville, N.C., Yancey Co. Book #105, Page #283.

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

AND IT IS FURTHER AGREED That the party of the second part, the lessee hereby agrees to pay to the said part of the first part, or his or their heirs or assigns, a rental royalty of 1/8 (One-eighth) on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

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

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

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

Witness: Hermon Dosten

P.C. Coletta (Seal)

_____ (Seal)

_____ (Seal)

MINING LEASE

State of North Carolina Yancey County:

This indenture made this 14th. day of January, 1957 [illegible],

between P.C. Coletta

of Yancey County and State of North Carolina as party of the first part, and known as lessor, and Homer Boone

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

WITNESSETH, That the part of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit:

Beginning on a Oak on top of the mountain, a old established corner, running thence South 59¼° to a stake at the road, thence South 45 degrees East 247.5' to a Buckeye, thence South 297' to a White Walnut at the river, thence running up and with the river North 80 degrees West, 643.5' to a Ash near the river, thence North 25 degrees East 1155' to the beginning, containing ten acreas, joining the property of the Carolina Mineral Company. This property located on the headwaters of Brush Creek in Yancey County, N.C., as recorded in register of Deeds Office in Burnsville, N.C., Yancey Co. Book #105, Page #283.

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

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

Witness: Herman Boston

P.C. Coletta (Seal)

_____ (Seal)

_____ (Seal)

MINING LEASE

State of North Carolina Yancey County:

This indenture made this 14th day of January, 1957 [illegible],

between R.C. Coletta

of Yancey County and State of North Carolina as party of the first part, and known as lessor, and Homer Boone

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

WITNESSETH, That the part of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit:

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on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

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

Witness: Herman Boston

R.C. Coletta (Seal)

_____ (Seal)

_____ (Seal)

RECEIVED
JAN 23 1957
D.M.E.A.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. 4473
Metal or Mineral Mica
Date Received 9-21-56
Estimated Cost $7300
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Homer Boone, Route #3, Bakersville, N.C.

c/o Sam L. Phillips, Spruce Pine, N.C.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Legal description given on attached lease.

(*b*) State any mine name by which the property is known. Pete Prospect

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Lessee

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Lease attached.

(*e*) If you own the land, describe any liens or encumbrances on it Not land owner.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. None.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Mica

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. See sheet.

(*c*) The work will start within 30 days and be completed within ..... months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. Now on file with DMEA.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project: See sheet.

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

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*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? Yes

(*b*) How do you propose to furnish your share of the costs?

[X] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

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.

Dated 9-17-56, 195...

Homer Boone
(Applicant)

By Homer Boone
By- Sam L. Phillips

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

9-24-56

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. 4473
Metal or Mineral Mica
Date Received 9-21-56
Estimated Cost $ 7300
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address:

Homer Boone, Route #3, Bakersville, N.C.

c/o Sam L. Phillips, Spruce Pine, N.C.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract ~~Legal description given on attached lease.~~

(*b*) State any mine name by which the property is known. Pete Prospect

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise ~~Lessee~~

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Lease attached.

(*e*) If you own the land, describe any liens or encumbrances on it ~~Not land owner.~~

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. None.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you will to explore Mica

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. See sheet.

(*c*) The work will start within 30 days and be completed within ..... months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. Now on file with DMEA.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.). See sheet.

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

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*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? Yes

(*b*) How do you propose to furnish your share of the costs?

[X] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

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.

Dated 9-17-56, 195

Homer Boone
(Applicant)

By Homer Boone

By: Iron L. Phillips

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

MF-103 (Continuation Sheet)

4. (a) No previous operations, new prospect.

(b) No record of any previous productions.

(c)- With exploration work we believe that good quality ruby mica will be found.

(d) Project is accessible to roads and shipping.

(e) Manpower, equipment and supplies are available. Power is one fourth mile away.

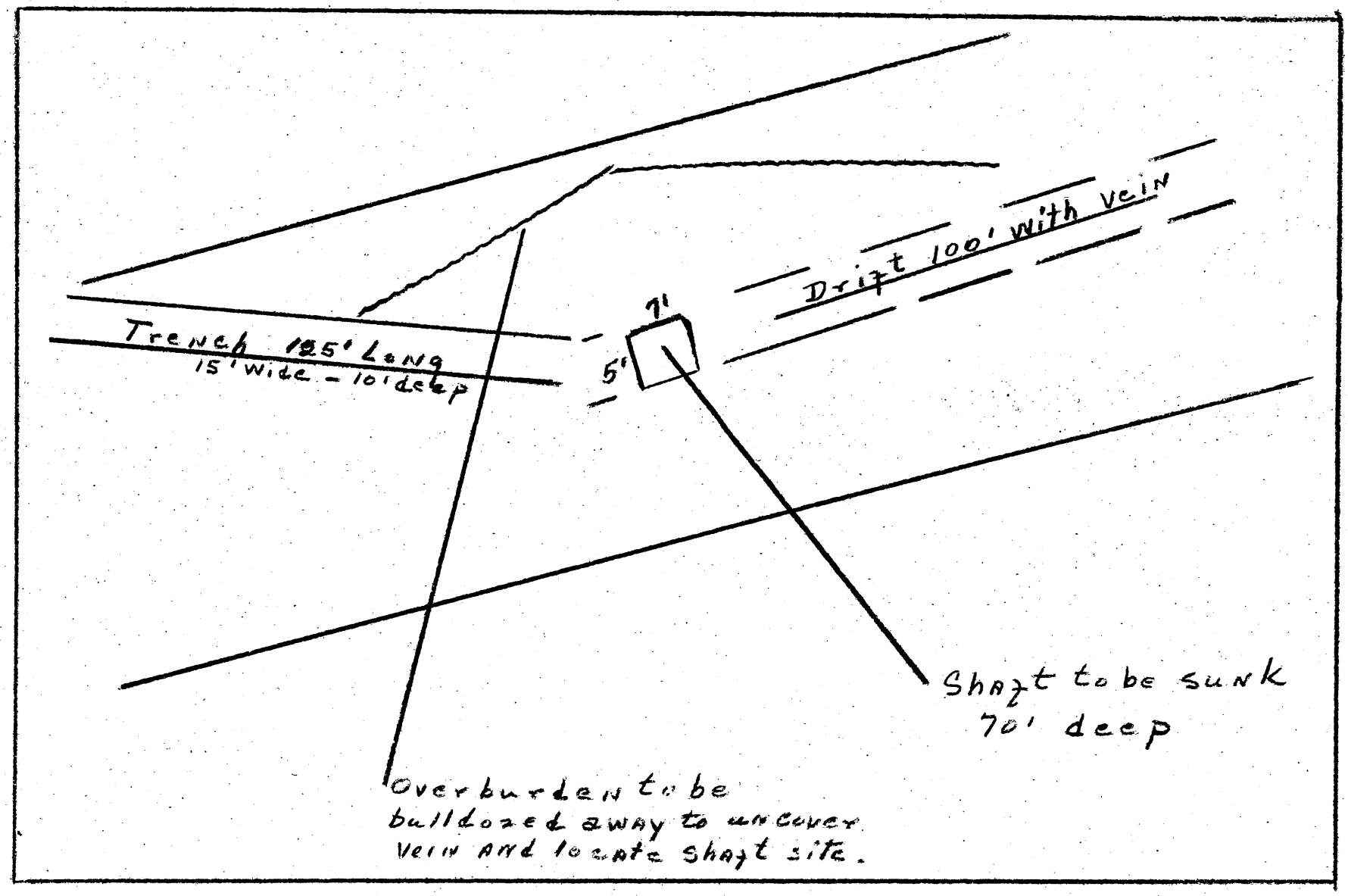
5. (b) We propose to cut a trench 125 feet long, 10 feet deep and 15 feet wide, bulldoze away overburden to uncover vein and best locate shaft site, then sink a 5' X 7' shaft 70 feet deep, then drift with vein a distance of 100 feet.

6. Estimate of costs:

30 hrs. Bulldozing @ $10.00 per. hour - - - - -	$ 300.00
70' Shaft @ $50.00 per.foot - - - - - - - - - - -	3500.00
100' Drift @ $35.00 per. foot - - - - - - - - - -	3500.00
Total estimated cost of project:	$7300.00

Pete Prospect

Yancey County
N.C.



MINING LEASE

State of North Carolina Mitchell County:

This indenture made this 17th. day of September, 1956 ~~XXXX~~,

between P.C. Coletta

of Yancey County and State of North Carolina as party of the first part, and known as lessor, and Homer Boone

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

WITNESSETH, That the part of the first part in consideration of One Dollar in hand received and hereby acknowledged by the lessor, and in consideration of the agreements hereinafter contained, on the part of the party of the second part to be performed, hereby bargains, leases and grants to the party of the second part, and his heirs and assigns, for the period of five years from the date of this agreement, the following described real property, for mining purposes, in the County and State first above written to wit:

Beginning on an iron stake in the center of what is known as the Pete Prospect, which is located 485 feet North 3 degrees East to a Buckeye Tree, this being a corner in the property line between P.C. Coletta and Grayson Robinson, as shown on deed recorded in Register of Deeds Office in Burnsville, Yancey Co., Book #105, Page #283, and running 300' North; thence 300' East; thence 600' South; thence 600' West; thence 600' North; thence 300' East to a point of closing. This property located on the headwaters of Brush Creek in Yancey County, N.C.

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

AND IT IS FURTHER AGREED That the party of the second part, the lessee hereby agrees to pay to the said part of the first part, or his or their heirs or assigns, a rental royalty of 1/8 (one-eighth)

on the minerals taken and sold from said mines which shall be for the use of the said lands for the aforesaid period of five years. The said amounts shall be payable on the computation of selling bills on the tenth day of each month covering sales made during the previous month. Any minerals other than those set forth above which may be taken and sold shall be paid for and at the usual royalty rate of the minerals taken.

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

AND IT IS FURTHER AGREED That the lessee, the party of the second part, his heirs or assigns, is hereby given an option to purchase all the right, title and interest, legal and equitable to and in the real estate described and set forth in this lease for a total purchase price of ———, said purchase price to be paid in full within three years from the date of this instrument and it is agreed that all rental royalties paid to the party of the first part shall apply toward and be a part of the total purchase price above set forth, and that at such time that the total purchase price is paid in the form of royalties or a lump sum payment or a combination of both, the party of the first part will execute a special warranty deed to the party of the second part and that a tender of the remaining purchase price at any time within the next three years shall entitle the party of the second part to specific performance of this option contract.

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

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

Witness: (Seal) Kenneth R.McKinney, Notary Public

Myrtle L. McKinney

P. C. Coletta (Seal)

(Seal)

(Seal)

MF-103 (Continuation Sheet)

4. (a) No previous operations, new prospect.

(b) No record of any previous productions.

(c)- With exploration work we believe that good quality ruby mica will be found.

(d) Project is accessible to roads and shipping.

(e) Manpower, equipment and supplies are available. Power is one fourth mile away.

5. (b) We propose to cut a trench 125 feet long, 10 feet deep and 15 feet wide, bulldoze away overburden to uncover vein and best locate shaft site, then sink a 5' X 7' shaft 70 feet deep, then drift with vein a distance of 100 feet.

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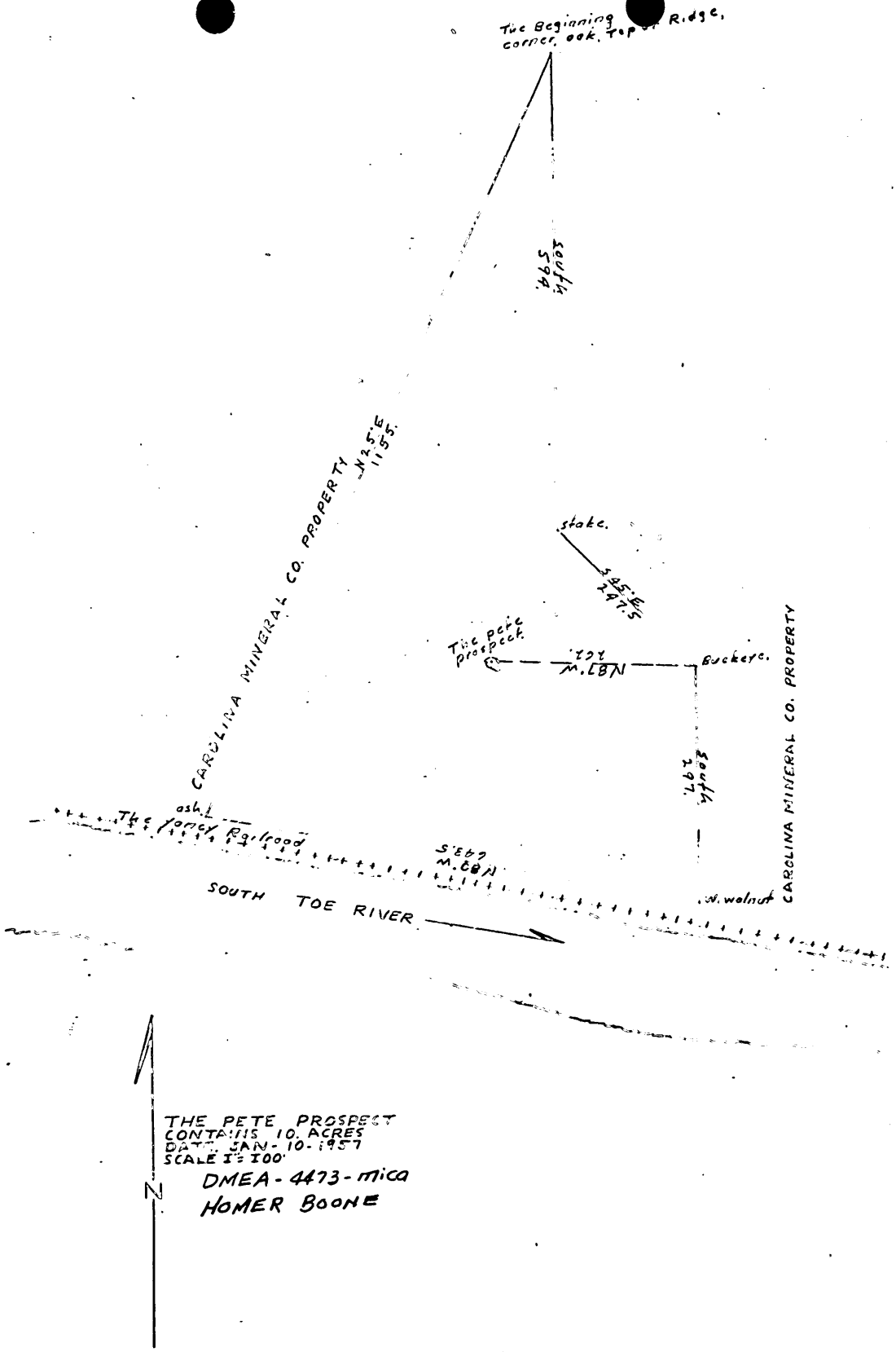
30 hrs. Bulldozing @ $10.00 per. hour - - - - -	$ 300.00
70' Shaft @ $50.00 per.foot - - - - - - - - - - - -	3500.00
100' Drift @ $35.00 per. foot - - - - - - - - - - -	3500.00
Total estimated cost of project:	$7300.00


The Beginning corner, oak. Top of Ridge.
South 594.
N25.6 1155.
CAROLINA MINERAL CO. PROPERTY
stake.
S45.6 247.5
The pete prospect.
N.68W 162.
Buckeye.
South 207.
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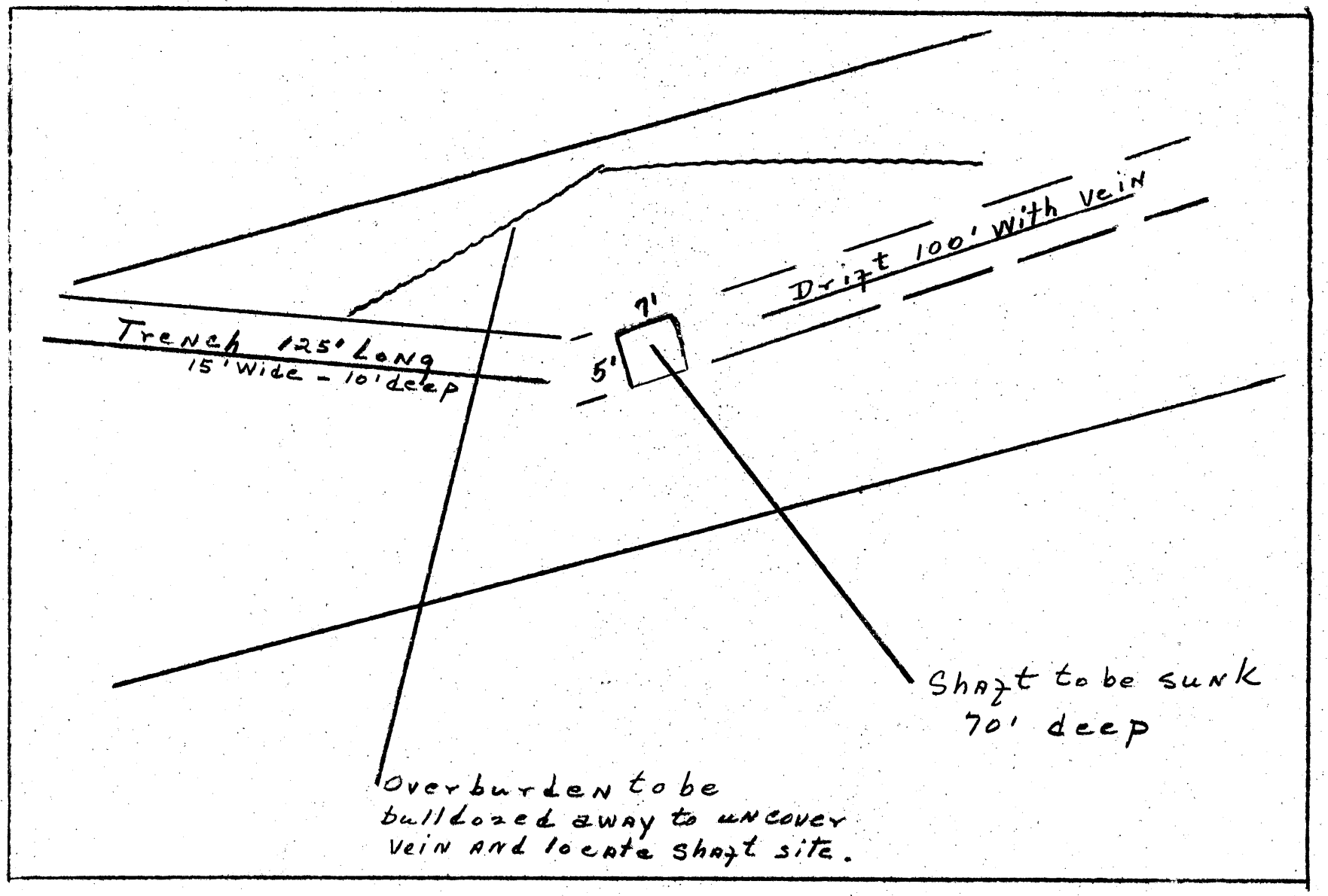
S.68W M.68N
SOUTH TOE RIVER
W. walnut
N
THE PETE PROSPECT
CONTAINS 10. ACRES
DATE JAN-10-1957
SCALE 1" = 100'
DMEA-4473-mica
HOMER BOONE

Pete Prospect

Yancey County
N.C.



DMEA Form 1

DEFENSE MINERALS EXPLORATION ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA Docket No. 4473

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Routing Slip

To:	600	Date	9/24/56
To:	Mr. Anderson	Date	9-24-56
To:	Oper Com	Date	10-2-56
To:	Adm.	Date	10-3-56
To:	130	Date	2-12-57
To:	110	Date	2-13-57
To:	100	Date	2-13-57
To:	225	Date	2-13-57
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CONTROLLED DOCUMENT

Form 7
(12-56)

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2/7	Hirst	600
		110
		100
		220

600

February 7, 1958

Project Summary Report

By: Walter C. Anderson, Division of Nonmetallic Minerals

1. Docket No. DMEA-4473-Mica
Contract No. Idm-E1061
Pete Prospect
Yancey County, North Carolina

Application: Form MF-103(April 1952) received September 21, 1956.

Work Proposed by Applicant:

30 hours bulldozing @ $10/hr.	$300.00
70 feet of shaft @ $50/ft.	3,500.00
100 feet of drift @ $35/ft.	3,500.00
Total amount requested	$7,300.00

Operator: Homer Boone
Route 3, Bakersville, North Carolina

Operators' Property Rights: Five year mining lease on the P. C. Coletta Property consisting of 10 acres, dated January 14, 1957. Consent to Lien and Subordination Agreement, dated January 14, 1957.

2. Contract: Form MF-200A(April 1956), dated February 13, 1957.

Work Authorized:

Access road - 333 Cu.Yds. @ $0.40/Cu.yd.	$133.00
Construction - Toolhouse, powder & exploder magazine	115.00
60 feet of inclined shaft @ $40/ft.	2,400.00
80 feet of drifts and/or crosscuts @ $30/ft.	2,400.00
Estimated total cost of project	$5,048.00
Government participation @ 75%	$3,786.00

Amendments - none.

Work Completed: Same as authorized.

Work began on February 25, 1957 and was completed on July 23, 1957. Field Team Final Report received September 19, 1957. Operator's Final Report received July 29, 1957. No equipment purchased under contract. Value of production during operation - none.

3. Audit: Report of Review issued August 1, 1957

Total accepted cost	$5,048.00
Government participation	$3,786.00

4. Certification of Discovery - none issued.

8623

5. Comments:

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

Operation: Good.

Engineering: Operator's reports were good.

Geologic Premise: The exploration work proved that the presence of good quality mica as well as a fair mineralogic environment did not continue below the surface.

Geologic Criteria upon which work was based:

1. Pegmatite: A six foot thick irregular mica-bearing pegmatite exposed along strike for a distance of 120 feet. It is fairly coarse-grained and composed of a mixture of plagioclase and potash feldspar with occasional disseminated quartz. Concordantly emplaced in a fine-grained hornblende gneiss with a thin contact zone of coarse biotite schist.
2. Mica: Very little muscovite in place. It is ruby colored, flat and essentially free from mineral stain and cracking. Found on the dump in sheets up to 4 inches.
3. Past Production: No record.

Geologic Criteria developed during project:

1. Pegmatite: Unzoned, concordant, three to eight feet thick, consisting of plagioclase, perthite, quartz, muscovite, and biotite in order of abundance. Country rock is predominantly hornblende gneiss with a zone of biotite gneiss in contact with the pegmatite.
2. Mica: Ruby, small, badly tied, mineral stained and cracked. None of strategic quality.

Future Possibilities: None, since no strategic mica was found nor can reserves of strategic mica be inferred.

Recommendations: The Division of Nonmetallic Minerals and the Commodity Members of the Geological Survey and the Bureau of Mines concur in the Field Team's recommendation not to certify.

Walter C. Anderson

Walter C. Anderson
Division of Nonmetallic Minerals

WCAnderson:rsi
Copy to: Admr. R. File
Mr. Houk

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

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DMEA
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October 3, 1957

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4473 (mica)

Applicant: Homer Boone

Name and Location of Property: Pete Prospect, Yancey County, N. C.

Contract Number: Idm-E 1061

Date of Field Team Final Report: 9/16/57

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 9/23/57

Field Team Recommendation: Recommend that no certification of discovery be issued

Comments:

1. A contract was issued to explore a pegmatite previously exposed in three test pits. A 60-foot shaft and 80-feet of drifting were completed under the contract.

2. About 100 pounds of "mine-run" muscovite, with essentially no sales value, was recovered during operations conducted under the contract.

3. Expenditures -

Total approved	$5,048.00
Total cost	5,048.00
Gov't. share of the cost	3,786.00
Value of production during operation	None

Recommendation:
I concur with the recommendation of the field team that no certification of discovery be made.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

September 25, 1957
Re: DMEA 4473 Idm-E
Homer Boone
Pete Prospect
Yancey County, North Carolina
Mica

Memorandum

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

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

Subject: Review of Field Team Final Report

The contract approved the expenditure of $5,048.00 on the sinking of a 60-foot shaft and 80 feet of drifting, the object being to explore a 3-8 foot pegmatite exposed in 3 pits. A length of 120 feet was indicated.

About 100 pounds of "mine-run" mica was recovered in the course of the work. None appears to have been sold.

As no reserves of strategic mica were revealed, the examiners and Field Team recommend that no certification be made.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

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Date	Initials	Comments
9/26	B	
9/27	Houk	220
		600

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

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DATE	INITIALS	CODE
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	esf	130
	O	220
9/25	Hont	600

September 16, 1957

Memorandum

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

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

Subject: Final Report - DMEA-4473 (mica) E 1061
Homer Boone, Route 3, Bakersville, North Carolina
Pete Prospect, Yancey County, North Carolina

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

The Field Team agrees with the recommendation of the examiners that no certification of discovery be issued inasmuch as the mica discovered by the contract exploration was not of strategic quality or size. No reserves of strategic mica can be inferred.

Robert A. Laurence
Robert A. Laurence
Executive Officer

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

Field Team Final Rpt

Enclosures 3

Reviewed by
DMEA OPERATING COMMITTEE
9/23/57
(date)

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DATE	INITIALS	CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT
REGION V

DMEA-4473, PETE PROSPECT(mica)
Yancey County, N.C.

By

S.L.Bergman and D.H.Amos, Geologists
U.S.Geological Survey

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

September 13, 1957

Reviewed by
DMEA OPERATING COMMITTEE
9/23/57
(date)

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DMEA
RECEIVED SEP 19 1957
DATE | INITIALS | CODE

FINAL REPORT

On

DMEA-4473, PETE PROSPECT (mica)
Yancey County, N.C.

Operator: Homer Boone, Route 3, Bakersville, North Carolina

SUMMARY

All of the exploratory work outlined in the contract was completed. Mica discovered by the contract exploration was not of strategic quality or size. No reserves of strategic mica can be inferred. It is recommended that no certification of discovery be issued. Additional exploratory work is not warranted.

LOCATION

The Pete Prospect is 0.79 airline miles S.80°W. of Kona, Yancey County, North Carolina. It is on the north bank of the South Toe River 98 feet upslope from the center line of the Carolina, Clinchfield and Ohio Railroad.

EXPLORATION PRIOR TO CONTRACT

The only exploratory work conducted at this prospect prior to the contract consisted of cutting four shallow, strike-length trenches.

CONTRACT WORK

Work began on the contract February 25, 1957 and was completed on July 23, 1957. The work completed under the contract consisted of excavating an access road;

contructing a toolhouse, powder magazine and exploder magazine; sinking 60 feet of shaft and driving 80 feet of drift. A total of 408 cubic yards were excavated in the construction of the access road; 75 cubic yards being done at the Operator's expense. Steep topography necessitated more switchbacks in the road than was originally estimated. The shaft was made 5 feet bt 7 feet in cross section and was sunk to an inclined depth of 60 feet. The inclination of the shaft decreases from -45° at the collar to -10° at the 60-foot level. This decreas in inclination is due to a flattening in the dip of the pegmatite with depth. Timber was required throughout the entire length of the shaft. Adrift 80 feet long was driven from the bottom of the shaft as follows: first 18 feet due north, then 20 feet N.10°W., then 26 feet N.35°E. and lastly 16 feet N.10°E.

GEOLOGY

A concordant pegmatite 3-8 feet thick is exposed in the shaft and drift. The strike varies from N.10°W. to N.38°E. and the dip decreases from 45° eastward at the surface to about 10° eastward at the shaft bottom. The pegmatite consists of plagioclase, perthite, quartz, muscovite and biotite, in order of abundance. No symmetzoning is evident but mica and "burr-rock" tend to be concentrated along the hanging wall in discontinuous pods.

Inclusions of the wall rock, biotite gneiss, are numerous in the hanging wall portion of the pegmatite. Several faults of limited displacement and extent cut the body.

The muscovite is ruby in color, small in size and badly tied. Most is heavily mineral stained and cracked. None of the mica is of strategic quality or size.

The surrounding country rock is predominantly hornblende gneiss but the rock in immediate contact with the pegmatite is biotite gneiss.

PRODUCTION AND RESERVES

Production, if any, prior to the contract work is not known. The small size of the original surface openings precludes any extensive production. About 100 pounds of "mine-run" mica was produced during the operation conducted under the contract. It has essentially no sales value. No reserves of srtategic mica were revealed by the contract work nor can any be inferred.

EXPENDITURES UNDER THE CONTRACT

A. Total amount approved	$5,048.00
B. Total cost of project	5,048.00
C. Government's share of cost	3,786.00
D. Government's share unexpended	None
E. Value of production during operation	None
F. Royalty received to date	None

COMPETENCY OF OPERATOR

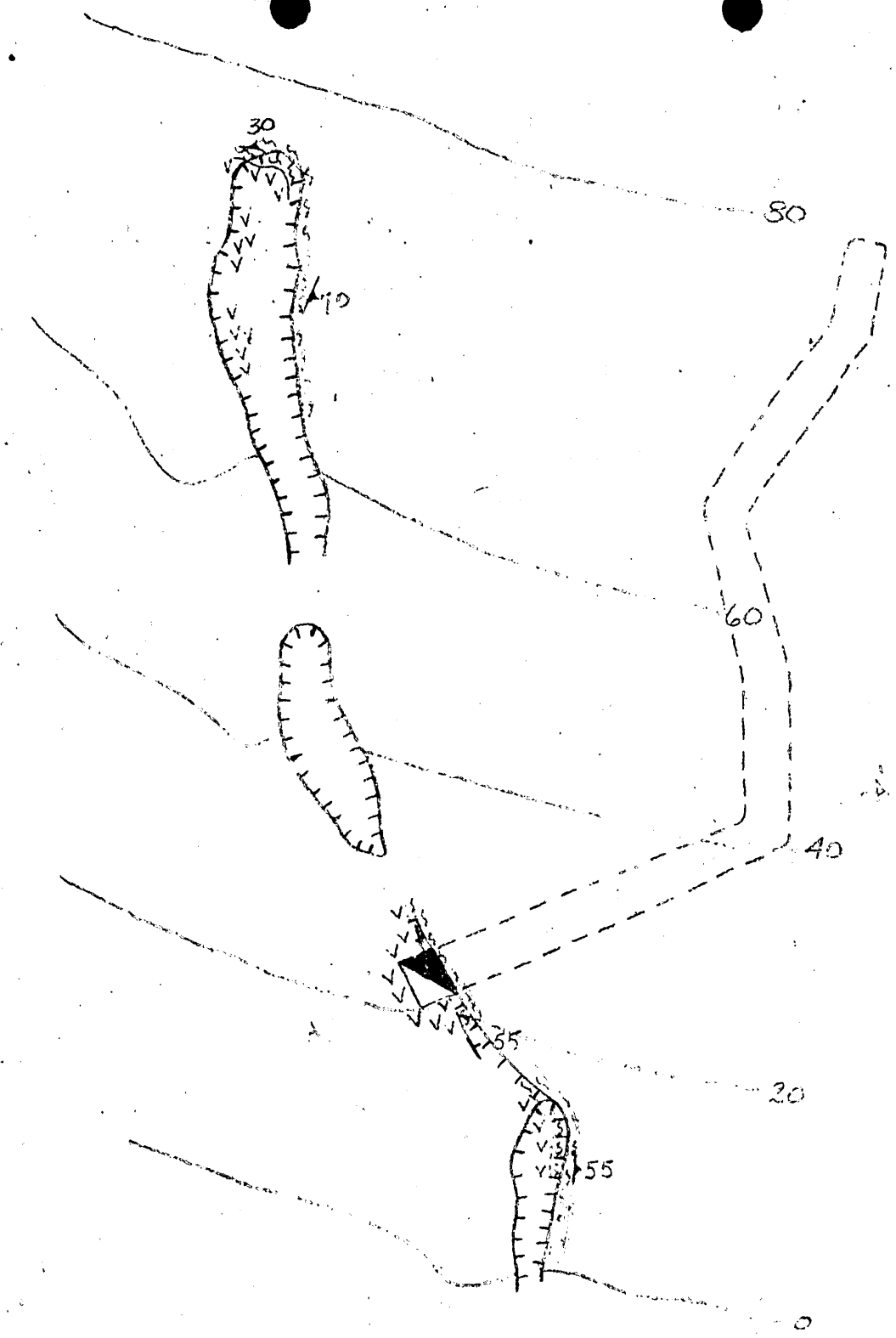
The operation was conducted in an efficient and workmanlike manner. Progress was satisfactory.

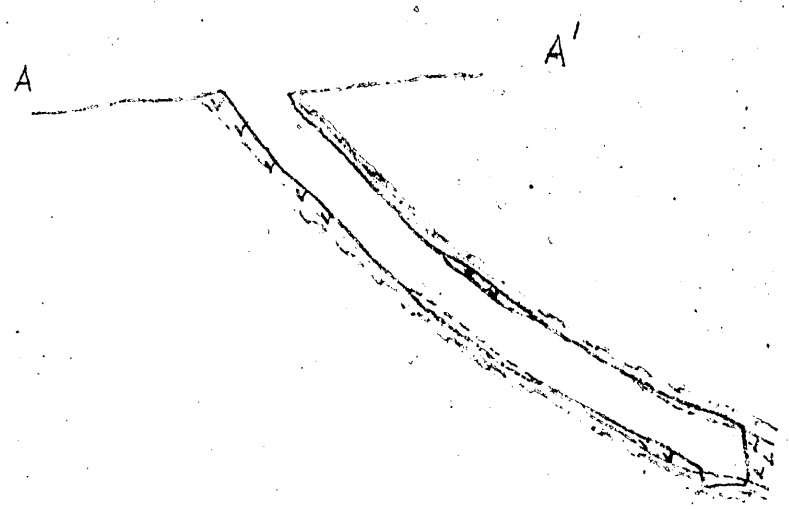
RECOMMENDATIONS

As no strategic mica was discovered by the work completed under the contract nor any reserves revealed, it is recommended that no certification of discovery be issued. Additional exploratory work is not warranted.

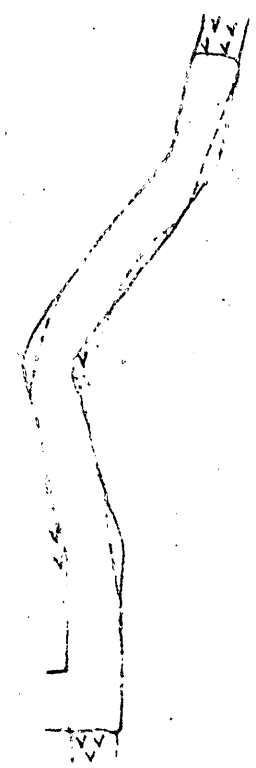
S.L.Bergman and D.H.Amos
Geologists
U.S.Geological Survey

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





SECTION A-A'



PLAN OF DRIFT

LEGEND

- vv pegmatite
- biotite gneiss
- contact
- cut
- strike & dip of contact
- strike & dip of foliation
- outline of underground works

PETE PROSPECT

YANCEY COUNTY
N.C.

DMEA - 4473
scale 1" = 20'

7/23/57

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DATE	INITIALS	CODE

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RECEIVED SEP 19 1957

INITIALS	CODE

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 6

OPERATOR'S MONTHLY REPORT AND VOUCHER

FINAL VOUCHER

Month of July, 1957 Docket No. DMEA 4473 Contract No. Idm-E 1061

Operator's Name Homer Boone Minerals Mica

Address Rt. 3, Bakersville, N.C.

Contract Amount, $ 5,048.00 Government Participation: 75 % Amount, $ 3,786.00

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		133.00	133.00			
Crosscutting						
52' Drifting @ $30.00	1560.00	840.00	2400.00			
Inclined Shaft		2400.00	2400.00			
(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.		75.00	75.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Powder & Exploder Mags.		40.00	40.00			
(8) Contingencies (specify):						
TOTALS	1560.00	3488.00	5048.00	1560.00	3488.00	5048.00

RECEIVED AUG 13 1957 D.M.E.A.

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

Date 7-26-57 *Payee Homer Boone

Per Homer Boone Title Partner

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

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

(Instructions on reverse)

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

$ 1170.00

Signature Helen R. Mellen
(Authorized Certifying Officer)

Date AUG 9 1957 Vou. No. 28
(See other side)

390.00

(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. E-1061 in accordance with the terms of the contract.

Signature V. J. Lynch Title MINING ENGINEER U. S. BUREAU OF MINES Date AUG 5 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA FIELD TEAM REGION V Date AUG 5 1957

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-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 195[illegible] Docket No. DMEA 4473 Contract No. Idm-E 1061
Operator's Name Homer Boone Minerals Mica
Address Rt. 3, Bakersville, N.C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Ft.	1560.00	52	2400.00	80	30.00	80	30.00
Crosscutting								
Raising								
Shafts	Ft.			2400.00	60	40.00	60	40.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Bulldozing	Cu.Yds.			133.00	333	0.40	333	0.40
Total Distributed Costs		1560.00		4933.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				75.00				
Powder & Exploder Mags.				40.00				
Total Costs		1560.00		5048.00				

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 7-26-57 Operator Homer Boone

Per Homer Boone Title Owner

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)

Remarks:

(For Government use only)

RECEIVED AUG 13 1957 D.M.E.A.

W. J. Lynch
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 83-38475

EXTRA COPY
D M E A
RECEIVED AUG 13 1957

DATE	INITIALS	CODE

OPERATOR'S

Monthly Progress Report

DMEA # 4473, Idm-E 1061
Pete Prospect
Yancey County, N.C.

FINAL VOUCHER

Work Accomplished:

We continued to work on drift, completing a total of 52' in this month, making a total of 80' to date and completing our contract. No mica of commercial value was recovered from the entire contract.

Daily Notes:

1 - 5 : Continued to work on drift.

8 - 12 : Shot, drilled and mucked out waste daily, continuing to work on drift.

15 - 23 : Completed 52' of drift in this month, making a total of 80' to date and completing all the work called for in the contract. No mica of commercial value was recovered.

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 5 1957
DATE | INITIALS | CODE
8/5 | Conc | 100
8/6 | Hawk

INTERIM REPORT

DMEA-4473, Idm-E1061 (mica) PETE PROSPECT

Operator: Homer Boone, Route #3, Bakersville, N. C.

Location: 0.79 airline miles S80°W from Kona, Yancey County, N. C.

This contract has been completed without making a discovery of strategic mica. No appreciable reserves were outlined, and certification of the contract will not be recommended by the Field Examiners.

Work performed under contract, in addition to the usual surface buildings, consisted of sinking 60 feet of inclined shaft on a -45° to -20° inclination and, driving 80 feet of drift, from the shaft bottom. The drift work followed a pegmatite about 5 feet thick for the explored length and the body, both in the shaft and drift, was composed principally of Na feldspar, K - feldspar, disseminated small quartz, "burr" rock lenses near the hanging wall contact and small muscovite mica. Connected drift distances and directions from the shaft bottom are as follows: Due north — 18 feet, N10°W - 20 feet, N32°-38°E - 26 feet, and N10°E - 16 feet. Near the present face the hanging wall contact strikes N40°E and dips 25°SE. Narrow scattered inclusions of biotite gneiss were noted near the hanging wall contact in the last 30 feet of drift. Local fracture zones with limited extent were noted in the floor area near the present face. Total mica production did not exceed 100 pounds of mine-run block and the major portion of this was stained and locky or tied.

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT

Date 8/5

Referred to:

1. ~~Mr. Massey~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. Division
6. ~~Docket Control Mails and Files~~
7. 600

Note comments in report regarding:

1. Finished - no certification

2.

3.

4.

and take appropriate action.

- - - - - - - - -

Action taken by Division:

Robert F. Adams

An excellent mining job was accomplished under contract. Progress was good with the exception of a period when the mine was down waiting for the installation of electric power. The shaft was cribbed solid and contained a separated manway with ladders until shallow inclination was reached. The operator does not plan to do any additional exploration at his own expense, and the pump was pulled shortly after this inspection.

L. E. Shirley

L. E. Shirley and S. A. Feitler,
Mining Engineers
U. S. Bureau of Mines

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

Date inspected:

July 23, 1957

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
8/1	Talbert	800
8/1	C	220
/		600

AUG - 1 1957

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team, Region V
Room 14, Post Office Building
Knoxville 2, Tennessee

Re: Docket No. DMEA-4473 (Mica)
Homer Boone
Pete Prospect
Yancey County, North Carolina
Contract No. Ida-E1061

Dear Mr. Laurence:

As requested in your memorandum of July 30, 1957, a Report of Review in lieu of a final audit of the referenced project has been prepared. The original and two copies thereof, together with the original of the final MF-104 submitted with your memorandum, are enclosed.

If you concur with the facts stated in this Report of Review, the original and one copy should be forwarded to the regional finance officer and one copy should be retained in your files. If for any reason you do not concur, please return the original and both copies to this Division with your comments.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Director
Contract Administration
and Audit Division

Enclosure

EDTalbert/wb
August 1, 1957

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

8623

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

EXTRA COPY
D M E A
RECEIVED AUG 1 1957

DATE	INITIALS	CODE
8/1	Hmb	600

July 30, 1957

Memorandum

To: Jay L. Chambers, Contract Admin. & Audit Division

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

Subject: Completion - DMEA-4473, Idm-E1061 (mica) Homer Boone, Bakersville, N.C. Pete Prospect, Yancey County, N.C.

Work on this contract has been completed. The following units of work have been performed and verified by our Field Examiners:

1 -333 cu. yds. excavated in construction of excess road.

2 - Constructed: ToolHouse, Powder magazine and exploder magazine.

3 - A 5' x 7' shaft was to a depth of 60 ft.

4 - A total of 80 ft of drift work was completed.

An adequate Operator's final report has been received.

A copy of the final voucher is attached.

Robert A. Laurence

VJL/zm
cc
Opr. Com.
Lynch
Finance Office

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

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 31 1957

DATE	INITIALS	CODE
7/31	P.K.	220
7/31	[illegible]	800
7/31	[illegible]	600

July 29, 1957

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Operator's final Engineering & Geologic Report on Idm-E1061, DMEA-4473 (mica) Pete Prospect, Yancey County, N.C.

Transmitted is the original and three copies of the subject report.

Robert A. Laurence

Robert A. Laurence

Operator's Final Rpt

DMEA FORM 6 REFERENCE SLIP 8/13

REV. 12-56 DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO:	INITIALS	DATE
1. ~~110~~		
2. 600	BH	8/14
3.		
4.		
5.		
FROM:		

FOR: Check items for action desired

____ Action ____ Reply for signature of _____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions ____ Your information

REMARKS:

Final

Finished

INT.-DUP. SEC., WASH., D.C.

M8278

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 31 1957

DATE	INITIALS	CODE

Spruce Pine, North Carolina
July 26, 1957

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

Dear Mr. Laurence:

Re: DMEA #4473, Idm-E 1061 (Mica)
Pete Prospect
Yancey County, North Carolina

Construction began on the above project on February 25, 1957, at which time work on the access road was begun. We constructed toolhouse, powder and exploder magazines, moved in hoist and air compressor, sat up a boom and mask pole, we started sinking an inclined shaft. The inclined shaft was sank to a depth of 60' in pegmatite which was approximately 5' thick, the pegmatite contained feldspar, quartz and a small quanity of very poor grade mica, mostly scrap. From the bottom of the shaft the operator drifted in a direction as pointed out by the Field Team a distance of 80' in vein material. The pegmatite in the drift was substantially the same material as encountered in the shaft.

The Geological and engineering evaluation of the results of the work preformed under the contract with an estimate of the ore reserves resulting from such work are as follows: after the completion of the 60' of shaft, and 80' of drift without recovering any mica of commercial value it is the opinion of the operators that this particular pegmatite does not warrant further exploration.

We wish to thank the Field Team for their assistance on the Pete Project.

Yours very truly,

Homer Boone

Homer Boone

P/bj

RECEIVED
JUL 29 1957
Geological Survey
Knoxville, Tenn.

INTERIM REPORT

DMEA-4473, Idm-E1061 (mica) PETE PROSPECT

Operator: Homer Boone, Route #3, Bakersville, North Carolina

Location: 0.79 airline miles S80°W from Kona, Yancey County, N. C.

Drifting continues on this contract and totals 56 feet with directions and distances as follows: Due N - 18 feet, N10°W - 20 feet, and N32°E - 18 feet. The body as exposed in the present face strikes N80°E, dips 18 to 20° SE and is composed of Na-K feldspar, minor amounts of quartz associated with small scrap-sizes of mica, and an occasional block of commercial muscovite. Biotite gneiss inclusions occur occasionally in the face as advance is made. Instructions were given for continued drifting in the present direction.

An excellent job has been done on all work completed to date. The foreman was advised to scale the back after shooting and to raise the shaft cribbing about 2 feet to prevent surface muck from going into the shaft. Progress on this contract is satisfactory.

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 22 1957

DATE	INITIALS	CODE
7/22	C	220
22	Corr	100
7/23	Hook	600

L. E. Shirley & S. A. Feitler

L. E. Shirley and S. A. Feitler,
Mining Engineers
U. S. Bureau ofMines

S. C. Bergman

D. H. Amos and S. C. Bergman, Geologists
U. S. Geological Survey

Date inspected:

July 9, 1957

Form [redacted]04 (Rev.
[redacted] 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 2

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June 1957 Docket No. DMEA 4473 Contract No. Idm-E 1061
Operator's Name Homer Boone Minerals Mica
Address Route #3, Bakersville, N.C.
Contract Amount, $ 5,048.00 Government Participation: 75 % Amount, $ 3,786.00

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22' Incline Shaft @ $40.00	880.00	1520.00	2400.00			
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Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
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Explosives						
Pipe						
Track						
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Purchase						
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Liability Insurance						
Powder & Exploder Mags.		40.00	40.00			
(8) Contingencies (specify):						
TOTALS	1720.00	1768.00	3488.00	1720.00	1768.00	3488.00

RECEIVED JUL 15 1957 D.M.E.A.

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 7-1-57 *Payee Homer Boone

Per Homer Boone Title Partner

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

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

(Instructions on reverse)

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

$ 1290.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date JUL 12 1957 Vou. No. 8
(See other side)

430.00

(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. E-1061 in accordance with the terms of the contract.

Signature S. C. Berger Title GEOLOGIST, U. S. G. S. Date JUL 3 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA FIELD TEAM REGION V Date JUL 3 1957

MONTHLY REPORT OF OPERATOR

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

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

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

GPO 83-38476

Form [illegible]-104A
(April [illegible]952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 195 7 Docket No. DMEA 4473 Contract No. Idm-[illegible] 1061

Operator's Name Homer Boone Minerals Mica

Address Route #3, Bakersville, N.C.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Ft	840.00	28	840.00	28	30.00	80	30.00
Crosscutting								
Raising								
Shafts	Ft.	880.00	22	2400.00	60	40.00	60	40.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Bulldozing	Cu. Yds.			133.00	333	0.40	333	0.40
Total Distributed Costs		1720.00		3373.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				75.00				
Powder & Exp. Mags.				40.00				
Total Costs		1720.00		3488.00				

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 7-1-57 Operator Homer Boone

Per Homer Boone Title Partner

Remarks:

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

(Instructions on reverse)

(For Government use only)

RECEIVED JUL 15 1957 DMEA

S. C. Bergman

GEOLOGIST, U. S. G. S. JUL 3 1957

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.

U. S. GOVERNMENT PRINTING OFFICE 205676

EXTRA COPY,
D M E A
RECEIVED JUL 15 1957

DATE	INITIALS	CODE

OPERATOR'S

Monthly Progress Report

DMEA #4473, Idm-E 1061

Pete Prospect, Yancey County

Work Accomplished:

We continued to work on inclined shaft, and completed 22' in this month making a total of 60' of inclined shaft to date, and completing the inclined shaft called for in the contract. We also completed 28' of drift to the South East , there is 6' of vein material, soda feldspar, but no mica.

Daily Noted:

3 - 7 : Continued to work on inclined shaft.

10 - 14 : Shot, drilled and mucked out waste daily, continued to work on inclined shaft.

17 - 21; Completed 22' of incline shaft in this month, making a total of 60' of shaft to date as called for in the contract.

25 - 28 : We begin work on drift and have completed 28' of drift to the South East, no mica has been recovered.

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 5 1957

DATE	INITIALS	CODE
7/5	C	220
5	Conn	100
7/9	Hark	

INTERIM REPORT

DMEA-4473, Idr-I-1061, Pete Prospect
(mica)

Operator: Homer Boone, Route No. 3, Bakersville, North Carolina

Location: 0.79 airline miles S80°W from Kona, Yancey County, N.C.

Inclined shaft sinking has been completed to a total depth of 60 feet on this contract. Turnoff from the shaft bottom has been completed and a drift advance of 28 feet has been made in a due North direction. The drift sections indicate that the body is 3 to 6 feet thick and is composed of K and Na feldspars, a narrow "burr" rock lense near the hanging wall contact and occasional small books of muscovite. No appreciable mica production has been made during the Interim. Instructions were given for continued drifting. Progress on this contract, since power line installation, has been good.

Messrs. F. Gervosio and J. Pilac, I.C.A. participants from the Phillipines, accompanied the Field Examiners on this visit to the mine.

Inspected: June 25, 1957

L. E. Shirley

L. E. Shirley, Mining Engineer
Bureau of Mines

S. C. Bergman

S. C. Bergman, Geologist
Geological Survey

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 24 1957

DATE	INITIALS	CODE
6/25	C	220
7/3	Com	100
6/26	Hunt	6

INTERIM REPORT

DMEA-4473, Idm-E-1061, Pete Prospect
(mica)

Operator: Homer Boone, Route No. 3, Bakersville, North Carolina

Location: 0.79 airline miles S80°W from Kona, Yancey Co., N. C.

Inclined shaft sinking has continued on this contract during the Interim and is nearing completion. Shaft work completed totals 56 feet; 28 feet was sunk on a -30° to 45° angle and remaining 28 feet has been sunk on a -10° to 20° angle. The pegmatite began changing dip at about 22 feet and has gradually flattened to -10° as recorded on the hanging wall near the present face. The body is 6.5 feet thick and is composed of disseminated quartz in a Na-K feldspar matrix, and small scrap-size mica. No commercial mica of any significance was produced during the Interim. Instructions were given for turning off a level to the northeast as soon as remaining 4 feet of incline is completed. Recent progress on this contract has been good.

Messrs. R. A. Laurence, Executive Officer of DMEA, Region V, and Stuart Maher of the Tennessee Department of Conservation, Division of Geology, accompanied the Field Examiners on this visit to the mine.

Inspected: June 11, 1957

L. E. Shirley

L. E. Shirley, Mining Engineer
Bureau of Mines

S. C. Bergman

S. C. Bergman, Geologist
Geological Survey

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- 74

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1957 Docket No. DMEA 4473 Contract No. Idm-E 1061
Operator's Name Homer Boone Minerals Mica
Address Route #3, Bakersville, N.C.
Contract Amount, $ 5,048.00 Government Participation: 75 % Amount, $ 3,786.00

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		133.00	133.00			
Crosscutting						
Drifting						
15' Inclined Shaft @ $40.00	600.00	920.00	1520.00			
(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.		75.00	75.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Powder & Exploder Mags.		40.00	40.00			
(8) Contingencies (specify):						
TOTALS	600.00	1168.00	1768.00	600.00	1168.00	1768.00

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

Date 6-3-57 *Payee Homer Boone

Per Homer Boone Title Partner

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

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

(Instructions on reverse)

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

$ 450.00

Signature Helen R Miller
(Authorized Certifying Officer)

Date JUN 10 1957 Vou. No. 200

(See other side)

150.00

(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. E-1061 in accordance with the terms of the contract.

Signature W. J. Lynch Title U. S. BUREAU OF MINES Date JUN 5 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA FIELD TEAM REGION V Date JUN 5 1957

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 May 1957 Docket No. DMEA 4473 Contract No. Idm-E 1061
Operator's Name Homer Boone Minerals Mica
Address Route #3, Bakersville, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	Ft.	600.00	15	1520.00	38	40.00	60	40.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Bulldozing Ou.Yds.				133.00	333	0.40	333	0.40
TOTAL DISTRIBUTED COSTS		600.00		1653.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				75.00				
Powder & Exploder Mags.				40.00				
TOTAL COSTS		600.00		1768.00				

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 6-3-57 Operator Homer Boone

Per Homer Boone Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

RECEIVED JUN 12 1957 DMEA

MINERAL
U. S. BUREAU OF MINES

INSTRUCTIONS

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

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

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

GPO 872894

OPERATOR'S

Monthly Progress Report

DMEA #4473, Idm-E 1061 (Mica)

Pete Prospect, Yancey County

Work Accomplished:

This project did not operate in the month of April, because we had to have electric power installed. Beginning with May we continued with work on the inclined shaft, we have completed 15' of shaft in this month, making a total of 38' of Inclined shaft to date. The vein is approximately 4' wide, no mica has been recovered.

Daily Notes:

1 -10 :	Continued down with inclined shaft.
13 - 17 :	Shot, drilled, mucked out waste and pumped water daily.
20 - 24 :	Continued to work on inclined shaft, the vein is approximately 4' wide.
27 - 31 :	We completed 15' of inclined shaft in this month, making a total of 38' to date, no mica has been recovered.

RECEIVED
JUN 5 - 1957

INTERIM REPORT

DMEA-4473, Idm-E1061 (Mica) PETE PROSPECT

Operator: Homer Boone, Route #3, Bakersville, N. C.

Location: 0.79 airline miles S80°W from Kona, Yancey County, N. C.

Inclined shaft sinking continues slowly on this contract, due to equipment failure. A total of 28 feet of shaft on a -45° inclination has been completed in pegmatite composed of feldspar, quartz and mica. The body is enclosed by biotite gneiss and hornblende gneiss, semi-weathered at this depth.

A power line has been completed to the mine and sinking is expected to resume as soon as air compressor repairs can be made.

L. E. Shirley

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

S. C. Bergman

S. C. Bergman, Geologist
U. S. Geological Survey

May 28, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 7 1957

DATE	INITIALS	CODE
6/7	JWJ	220
10	EBM	100
12	A	

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 23 1957

DATE	INITIALS	CODE
5/23	JWB	220
"	CMM	100
5/27	Hawk	600

INTERIM REPORT

DMEA-4473, Idm-E1061 (mica) PETE PROSPECT

Operator: Homer Boone, R#3, Bakersville, North Carolina

Location: 0.79 airline miles S 80° W from Kona, Yancey County, N.C.

This project was visited May 14, 1957. The shaft was full of water and none of the operating crew were on the property. A group of Power Company men were placing power poles and stringing an electric line into the mine area. Later inquiry revealed this was the reason for the shut down.

Inspected: May 14, 1957

Wm. A. Beck, Mining Engineer
Bureau of Mines

S. C. Bergman, Geologist
Geological Survey

z

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

61

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1957 Docket No. DMEA 4473 Contract No. Idm-B 1061
Operator's Name Homer Boone Minerals Mica
Address Route #3, Bakersville, N.C.
Contract Amount, $ 5,048.00 Government Participation: 75 % Amount, $ 3,786.00

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						
333 Cu. Yds Bulldozing @ $ 0.40	133.00		133.00			
Crosscutting						
Drifting						
23' Inclined Shaft @40.00	920.00		920.00			
(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.	75.00		75.00			
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Powder & Exploder Mags.	40.00		40.00			
(8) Contingencies (specify):						
TOTALS	1168.00		1168.00	1168.00		1168.00

RECEIVED APR 4 1957 D.M.E.A.

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

Date 4-1-57 *Payee Homer Boone

Per Homer Boone Title Partner

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

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

(Instructions on reverse)

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

$ 876.00

Signature Helen R. Mueller
(Authorized Certifying Officer)

Date APR 4 1957 Vou. No. 167

(See other side)

292.00

(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-E1061 in accordance with the terms of the contract.

Signature W. T. Beck Title MINING ENGINEER U. S. BUREAU OF MINES Date APR 3 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER DMEA REGION V Date APR 3 1957

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

Month of March 1957 Docket No. DMEA 4473 Contract No. Idm-E 1061

Operator's Name Homer Boone Minerals Mica

Address Route #3, Bakersville, N.C.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	Ft.	920.00	23	920.00	23	40.00	60	40.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Bulldozing -	Cu.Yds.	133.00	333	133.0	333	0.40	333	0.40
TOTAL DISTRIBUTED COSTS		1053.00		1053.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		75.00		75.00				
Powder & Exploder Mgs.		40.00		40.00				
TOTAL COSTS		1168.00		1168.00				

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 4-1-57 Operator Homer Boone

Per Homer Boone Title Partner

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)

RECEIVED APR 1957 D.M.E.A.

W. F. Beck
MINING ENGINEER
U. S. BUREAU OF MINES

APR 3 1957

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

EXTRA COPY
DMEA
RECEIVED APR 8 1957

DATE	INITIALS	CODE

Operator's

Monthly Progress Report

DMEA #4473, IdmME 1061

Pete Prospect, Yancey County

Work Accomplished:

We begin work February 25, 1957, bulldozed road access, and moved in equipment. In March we constructed toolhouse, sat up powder and exploder magazines, and begin work on shaft. To date we have completed 23' of Inclined shaft, the vein is 4' wide, no mica has been recovered.

Daily Notes:

25 - 28 : Bulldozed road access, and moved in equipment.

1 - 8 : Constructed toolhouse, sat up powder and exploder magazines.

11 - 15 : Begin work on Inclined shaft.

18 - 22 : Drilled, shot and mucked out waste daily, continued to work on shaft.

25 - 29 : Completed 23' of inclined shaft, the vein is 4' wide.

RECEIVED
APR 8 - 1957

INTERIM REPORT

DMEA-4473, Idm-61061 (mica) PETE PROSPECT

Operator: Homer Boone, Rt. #3, Bakersville, N. C.

Location: 0.79 airline miles S80°W from Kona, Yancey Co., N. C.

Inclined shaft sinking on a -45° slope continues on this contract, and the present depth is 23 feet. The body at this depth, trends N20°W, dips 25°NE, and is composed of Na feldspar, small disseminated quartz and small books of muscovite, containing a green mottled stain. Commercial mica recovery has been scant. Instructions were given for continued sinking to follow pegmatite.

Cribbing of the shaft is underway from the present level, but is not complete. Suggestions were made concerning future timbering. Progress on this contract has been satisfactory.

L. E. Shirley

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

S. C. Bergman E. L. Boudotte

S. C. Bergman and E. L. Boudotte, Geologists
U. S. Geological Survey

March 19, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED APR 2 1957

DATE	INITIALS	CODE
4/2	C	220
3	Copy	100
4	H	

Inspection Report

DMEA-1172, Item #-1061 (Lead-Zinc Prospect)

Operator: Homer Reece, Route #3, Hendersville, N. C.

Location: 0.79 airline miles S80°E from Kona, Yancey County, N. C.

The starting date on this contract is February 25, 1957. Access road construction consisting of the removal of material in excess of the 237 cubic yards provided in the contract has been completed. Because of the steep topography, switchbacks in the road had to be provided for vehicle turns and required the removal of an additional 75 cubic yards of material, at the Operator's own expense. A tool house, powder magazine, and exploder magazine has been built and are in use. Shaft sinking is underway, and a depth of 5 feet gained; the work will follow the inclination of the body. Only a few pieces of ruled ores have been received from the work completed to date, from a body 8 to 10 feet thick, which is composed of feldspar, quartz, and small mica. Considerable quartz with adjacent mica was observed near the hanging wall contact.

Suggestions were made concerning timber work at the collar, and the Operator was advised to remove all loose material, and bulk back the hanging wall side of the shaft until unweathered material is encountered. All workers were advised to wear safety hats.

Mr. V. J. Lynch, Bureau of Mines member of the Field Team, Region V, accompanied the inspector on this visit to the mine.

L. E. Shirley

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

E. L. Pardette

E. L. Pardette, Geologist
U. S. Geological Survey

March 5, 1957

CHROME ENG. CO.
DMEA
RECEIVED MAR 15 1957

DATE	INITIALS	CODE
3/18	Com	100
3/18	C	220
3/21	MRA	600

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

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 27 1957

DATE	INITIALS	CODE

February 25, 1957

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Signed Contract - Idm-E1061, DMEA-4473-Mica
Homer Boone, R#3, Bakersville, N.C.

Transmitted are three signed copies of the subject contract.

The usual distribution of the other copies has been made.

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

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

z

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2-6	Anderson	600
2/12	Houk	600
2-12	Chambers	800
2/13	Selfridge	130
"	[illegible]	110
"	[illegible]	100
2-14	C	220
		600

600

FEB 13 1957

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

Re: Docket No. DMEA-4473-Mica
Homer Boone
Pete Prospect
Yancey County, North Carolina

Dear Mr. Laurence:

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

If the proposed contract meets with your approval, present it to the Applicant for execution. Please explain to the Applicant that the contract is a firm commitment to complete the work outlined at the agreed cost. Copies of the executed contract are to be distributed in the usual manner.

If any part of this proposed contract does not have either your approval or that of the Applicant and cannot be amended within your delegated authority, then the original and all copies of the contract and the two extra copies of Annex I, Exhibit A and the map are to be returned to this office, together with the proposed changes for consideration.

Copies of memoranda dated December 18 and 28, 1956, by Mr. N. E. Nelson, USGS, and Mr. W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

Approved:

Frank D. Lamb
Member, Bureau of Mines

N. E. Nelson
Member, Geological Survey

Enclosures 12

WCAnderson:gad 2/6/57

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1-30	Anderson	600
1/30	Houk	600
"	Mittendorf	100
1-31	C	220
		600

600

JAN 30 1957

Mr. Homer Boone
c/o Mr. Sam L. Phillips
Spruce Pine, North Carolina

Re: Docket No. DMEA-4473-Mica
Homer Boone
Pete Prospect
Yancey County, North Carolina

Dear Mr. Boone:

Reference is made to your application for Government assistance for an exploration project at the subject prospect.

Since you have submitted four copies of a Mining Lease and six copies of a Consent to Lien and Subordination Agreement containing a satisfactory land description, we are returning those which were attached to your application.

Sincerely yours,

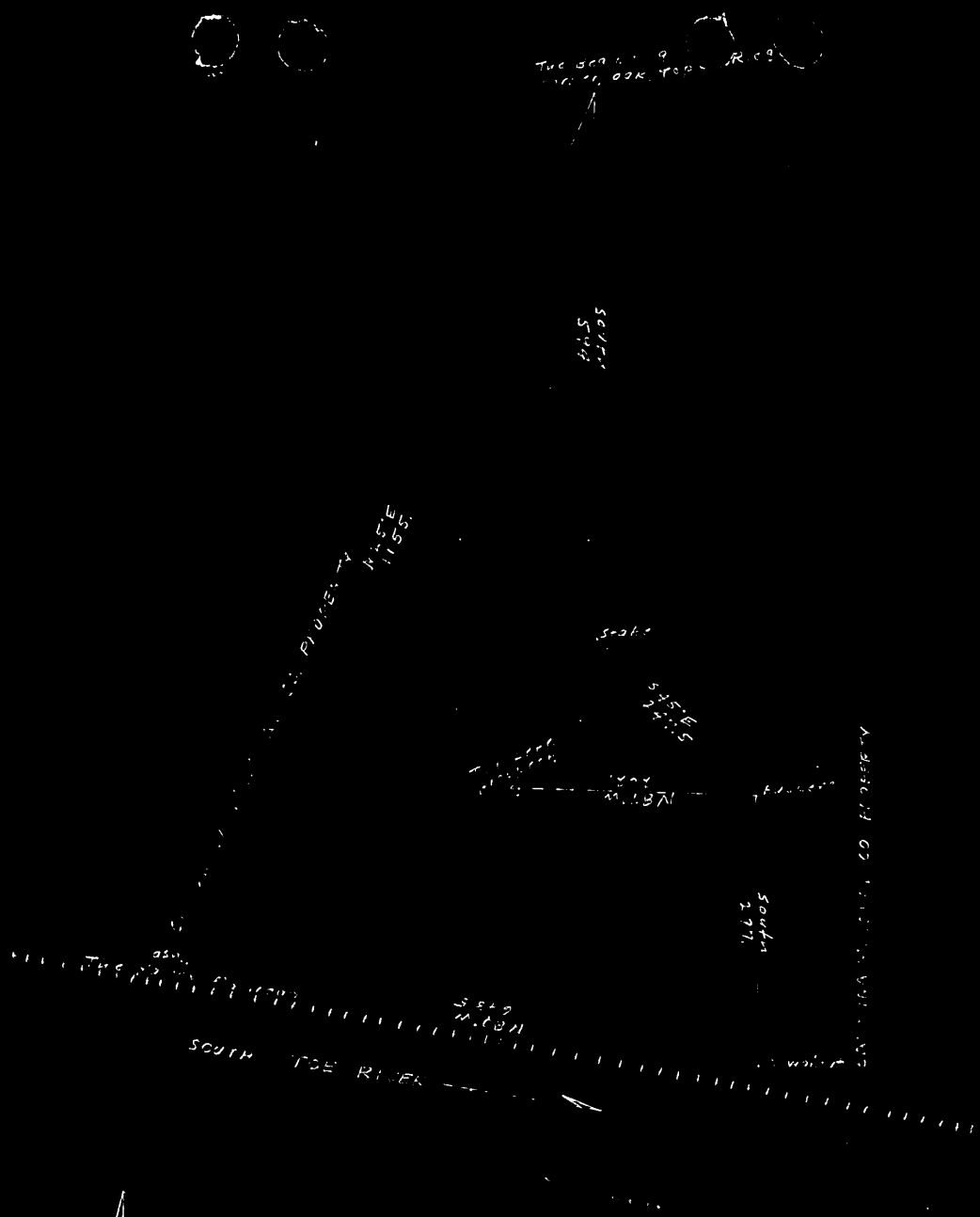
Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Enclosures 7

WCAnderson:gad 1/30/57
Copy to: Admr. R. File
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Field Team, Region V

R.S.B.

8623



CONTAINS 10 ACRES
SCALE 1=100'

DMEA - 4473 - mica
HOMER BOONE

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

JAN 30 1957

Mr. Homer Boone
c/o Mr. Sam L. Phillips
Spruce Pine, North Carolina

Re: Docket No. DMEA-4473-Mica
Homer Boone
Pete Prospect
Yancey County, North Carolina

Dear Mr. Boone:

Reference is made to your application for Government assistance for an exploration project at the subject prospect.

Since you have submitted four copies of a Mining Lease and six copies of a Consent to Lien and Subordination Agreement containing a satisfactory land description, we are returning those which were attached to your application.

Sincerely yours,

SIGNED

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Enclosures 7

WCAnderson:gad 1/30/57
Copy to: Admr. R. File
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Field Team, Region V

A

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

December 28, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4473 (mica)

Applicant: Homer Boone

Name and Location of Property: Pete Prospect, Yancey County, N. C.

Date of Field Team Report: 12/11/56

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 12/17/56

Field Team Recommendation: Recommend approval of a contract for exploration.

Comments:

1. A mica-bearing pegmatite is intermittently exposed in a series of trenches over a distance of 120 feet.

2. Although book mica in place is scarce its quality is good.

3. The field examiners believe there is a possibility that the quantity of strategic mica will increase downdip.

Recommendation:

I concur with the recommendation of the field team.

W. F. Dietrich

W. F. Dietrich

RECEIVED
DEC 31 1956
D.M.E.A.

DOCKET COPY
Surname:
Houk
Mattendorf

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

DEC 19 1956

Mr. Homer Boone
c/o Mr. Sam L. Phillips
Spruce Pine, North Carolina

Re: Docket No. DMEA-4473 (Mica)
Homer Boone
Pete Prospect
Yancey County, North Carolina

Dear Mr. Boone:

Reference is made to your application for Government assistance for an exploration project at the subject prospect.

It is our understanding that the prospect is sandwiched between the railroad right-of-way on the south, and the Carolina Mineral Company land on the north, on which your leased area possibly overlaps. Please submit a survey map showing the boundaries of your leased area in relation to the railroad right-of-way, and the property to the north.

Processing of your application will be held in abeyance pending the receipt of the above-requested survey map.

Sincerely yours,

SIGNED

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

WCAnderson:ms 12/19/56
Copy to: Docket
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Admr. R. File

IN REPLY REFER TO:

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

A

December 18, 1956
Re: DMEA 4473
Homer Boone
Pete Prospect
Yancey County, North Carolina
Applicant's Estimate $7,300.00
Recommended Estimate $5,516.00 - Mica

Memorandum

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

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

Subject: Review of Field Team Report

The applicant requested assistance in exploring a "new" pegmatite about which little information was given but which he believed might contain strategic mica.

The examiners saw very little strategic quality mica in the pegmatite which is exposed in 3 pits indicating a length of at least 120 feet. The pegmatite is at least 6 feet wide.

Although little mica is to be seen, the examiners agree with the applicant that the deposit offers good possibilities for the discovery of strategic mica and recommend a work program consisting of sinking 60 feet and drifting 80 feet.

I concur with the recommendation of the examiners and the Field Team.

N. E. Nelson

N. E. Nelson

RECEIVED
DEC 19 1956
D.M.E.A.

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

WASHINGTON 25, D.C.

December 11, 1956

RECEIVED DEC 13 1956 D.M.E.A.

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Field Examination Report, DMEA-4473 (mica) Homer Boone, Bakersville, N.C. Pete Prospect, Yancey County, N.C.

Enclosed are four copies of the subject examination report and nine extra copies of the map.

We agree with the examiners that this pegmatite is worth exploring and recommend approval of a contract as outlined in the report.

However, before a contract is approved, the applicant should be required to submit a survey showing that his lease does not overlap adjacent properties. If the railroad right-of-way extends for 30 feet on either side of the center line, the proposed shaft site would be only 68 feet from the boundary, and any southeastward drifting would closely approach it.

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

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

z

Reviewed by
DMEA OPERATING COMMITTEE
12-17-56

RECEIVED
DEC 13 1956
D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT, REGION V

On-Site Exam Rpt.

On

DMEA-4473 (mica) PETE PROSPECT
Yancey County, N.C.

By

A. R. Taylor, and S. C. Bergman, Geologist
U. S. Geological Survey

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

Reviewed by
DMEA OPERATING COMMITTEE
12-17-56
(Date)

December 11, 1956

FIELD EXAMINATION REPORT

On

DMEA-4473 (mica) PETE PROSPECT
Yancey County, N. C.

Applicant: Homer Boone, R#3, Bakersville, North Carolina, c/o Sam L. Phillips, Spruce Pine, North Carolina

Summary

A series of shallow trenches have intermittantly exposed the hanging wall contact of a mica-bearing pegmatite for at least 120 feet along strike. The presence of some good quality muscovite as well as a fair mineralogic environment leads the examiners to recommend exploration to explore the downdip extensions of the pegmatite.

It was found that the prospect is sandwiched between railroad right-of-way on the south, and Carolina Mineral Company land on the north, on which the applicants lease overlaps.

Introduction

Location

The Prospect is 0.79 airline miles S 80° W from Kona, Yancey County, North Carolina. It is on the north bank of the South Toe River about 150 feet upslope from the river and 98 feet upslope from the center line of the Carolina, Clinchfield and Ohio Railroad (Micaville, N.C. Quad. TVA Ed. 1934-1/24,000).

Examination

The Prospect was examined November 14, 1956 in the company of Mr. Jeter Boone, a brother of the applicant. The examination covered a period of about one and one-half hours. The Applicant has proved by long association with DMEA projects to be one of the district's better miners.

Pegmatite is intermittantly exposed in a series of shallow strike-length trenches over a distance of about 120 feet. The proposed exploration

site occupies an intermediate position along the exposure (see map). The trenches strike to the northwest obliquely up a fairly steep, rocky, wooded slope. An access road has been made to an old feldspar operation about 250-feet upslope. The Prospect was measured to be 98 feet upslope from the center line of the Carolina, Clinchfield & Ohio Railroad and 160 feet S 28° E of a Carolina Mineral Company property corner. The applicants 600-foot square lease appears to be largely on the adjacent properties and would seem to need a complete survey and revision. No records are available as to the past history of this Prospect or its mica production, if any. No equipment or improvements were noted at the Prospect site.

Geology

An irregular mica-bearing pegmatite is intermittently exposed along its hanging wall contact for a distance of about 120 feet. The contact strikes from N 15° E to N 25° W and dips from 70° SE to 55° NE. At the proposed exploration site, pegmatite strikes N 25° W, dips 55° NE and is at least 6-feet thick. The body is thought to be structurally related to larger more feldspathic bodies to the north which have been mined for feldspar and clay. It is a pegmatitic apophysis of a large relatively fine-grained instrusive mass (so called Spruce Pine "alaskite"). The pegmatite is fairly coarse-grained and composed of a mixture of plagioclase and potash feldspar with occasional disseminated quartz. The structure appears to be concordant in a fine-grained hornblende gneiss with a thin contact zone of coarse biotite schist. Very little muscovite was seen in place, but an occasional piece from the dumps were found in sheets up to 4 inches across. The muscovite is ruby colored, flat and essentially free from mineral stain and cracking. An occasional book of biotite was noted on the dump.

Recommendations

A limited amount of shallow excavation in three places along the projected strike of this body constitutes the past history of this deposit. The quality of the mica observed at the time of this examination, though small in size, is above average for this particular area. The Field Examiners believe that this deposit offers good possibilities for the discovery of strategic mica and recommend the following exploration program:

Construct 300 feet of access road, 60 feet of inclined shaft to follow the hanging wall side of the body, and from the shaft bottom drive 80-feet of drift. The steep, rugged topography in the area makes the limited access road a requirement. Drilling and blasting will be necessary for a portion of the way.

Construct:- 300 ft of access road, 300 ft by 10 ft by 3 ft = 333 cu yds @ .40¢/cu.yd.....		$133.00
Toolhouse	$75.00	
Powder Magazine	25.00	
Exploder Magazine	15.00	115.00

Sink 60 feet of timbered two-compartment inclined shaft, 5' x 7' in cross section with separated manway (40 shifts) use 36 shifts

Labor:

1 - Foreman-Miner @ $1.75/hr	560.00	504.00
1 - Hoistman @ $1.50/hr	480.00	432.00
1 - Laborer @ $1.00/hr.	320.00	288.00
	1360.00	1224.00

Equipment (rental)

1 - 105-c.f.m air compressor @ $150/Mo. ($250/mo)	300.00	
1 - Hoist(gasoline) @ $50/Mo.	100.00	$450.00
1 - Rock drill w/air hose @ $40/Mo.	80.00	
1 - Sump pump @ $45/Mo.	90.00	
	570.00	

Supplies:

Gasoline and oil	$120.00	2.00
Explosives	175.00	2.91
Drill Steel	110.00	1.84
Timber - 2" by 6", 2500 b.f. @ $65/M	162.00	2.70
Small tools, pipe, etc.	120.00	2.00
Sales Tax	21.00	
Social Security	27.00	
Estimated cost of shaft sinking..... (44.42/ft)	735.00	$ 2,605.00

2,409.00

Drive 80 feet of 5' x 7' drift, timbered where necessary (40 shifts) 36 shifts

Use $40/ft.

Labor:

1 - Foreman-Miner @ $1.75/hr.	560.00	504.00
1 - Hoistman @ $1.50/hr	480.00	432.00
1 - Laborer @ $1.00/hr.	320.00	288.00
	1360.00	1224.00

Equipment (rental)

1 - Air compressor @ $150/Mo.	300.00	$250/mo
1 - Hoist- single drum-gasoline @ $50/Mo.	100.00	
1 - Rock drill with hose @ $40/Mo.	80.00	450.00
1 - Sump Pump @ $45/Mo.	90.00	
1 - Jackleg @ $25/Mo.	50.00	
	620.00	

Supplies:

Gasoline and Oil	140.00	1.75
Explosives	220.00	2.75
Drill Steel	120.00	1.50
Timber- 1000 b.f. @ $65/M	65.00	0.80
Small tools, pipe, etc.	92.00	1.15
Sales tax	19.00	
Social Security @ 2%	27.00	
	683.00	
Estimated total cost of drifting.....	$ 2,663.00	$2,357.00

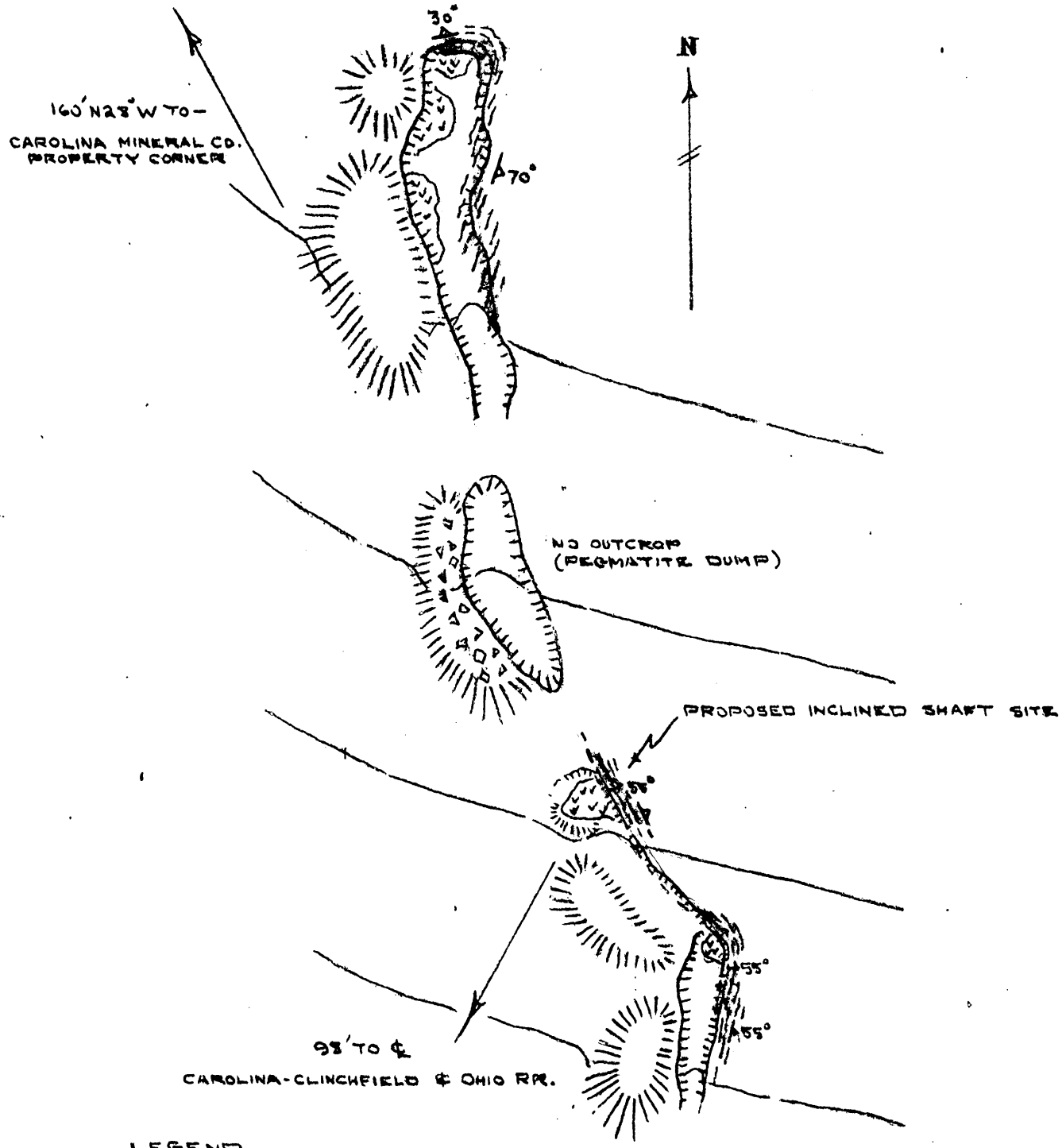
Use $30/ft.

Estimated total cost of project..... $ 5,516.00

December 11, 1956

A. R. Taylor and S. C. Bergman, Geologists
U. S. Geological Survey

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



LEGEND

- PEGMATITE
- HORNBLENDE GNEISS
- EXCAVATION
- DUMP

PETE PROSPECT
YANCEY COUNTY, NORTH CAROLINA
OMEA-4473 (MICA)

SCALE: 1" = 20'

SCB 11/86

DOCKET COPY
Surname: Anderson Houk Selfridge

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 608

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

Re: Docket No. DMEA-4473-mica
Homer Boone
Pete Prospect
Mitchell County, North Carolina

Dear Mr. Laurence:

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

Copies of memoranda dated September 25 and October 1, 1956, by Mr. N. E. Nelson, USGS, and Mr. W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (GCS)

Approved:

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

Thor H. Kiilsgaard (GCS)
Member, Geological Survey

Enclosures: 4

WCAnderson:ms 10/2/56
Copy to: Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Admr. R. File

RCL

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

DOCKET COPY
Surname:
Anderson
Houk
Lamb
Kilsgaard
Selfridge

OCT - 3 1956

Mr. Homer Boone
c/o Mr. Sam L. Phillips
Spruce Pine, North Carolina

Re: Docket No. DMEA -4473-mica
Homer Boone
Pete Prospect
Mitchell County, North Carolina

Dear Mr. Boone:

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

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

Sincerely yours,

C. O. Mittendorf

Administrator

WCAnderson:ms 10/2/56
Copy to: Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Admr. R. File

R.C.S.

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

RECEIVED
OCT - 2 1956

October 1, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4473 (mica)

Applicant: H. Boone

Name and Location of Property: Pete Prospect, Mitchell Co., N. C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 9/24/56

Comments:

1. This is a new prospect and no data available in this office on this property and there is insufficient information given in the application to assist a preliminary appraisal.

2. 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

Attachment

IN REPLY REFER TO:

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

September 25, 1956

Re: DMEA 4473
Homer Boone
Pete Prospect
Yancey Co., N. C.
$7,300 - 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 a 'new' pegmatite by bulldozing, shaft sinking, and drifting.

No data are given concerning the pegmatite, but the applicant believes good quality ruby mica will be found.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

RECEIVED
SEP 2 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

September 24, 1956

Mr. Sam L. Phillips
Spruce Pine,
North Carolina

Subject: DMEA-4473
Re: Exploration Assistance
Pete Prospect

Dear Mr. Phillips

Your application for exploration assistance, dated September 17, 1956 submitted to our office at Knoxville, has been assigned Docket Number DMEA-4473 and referred to the Nonmetallic Minerals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

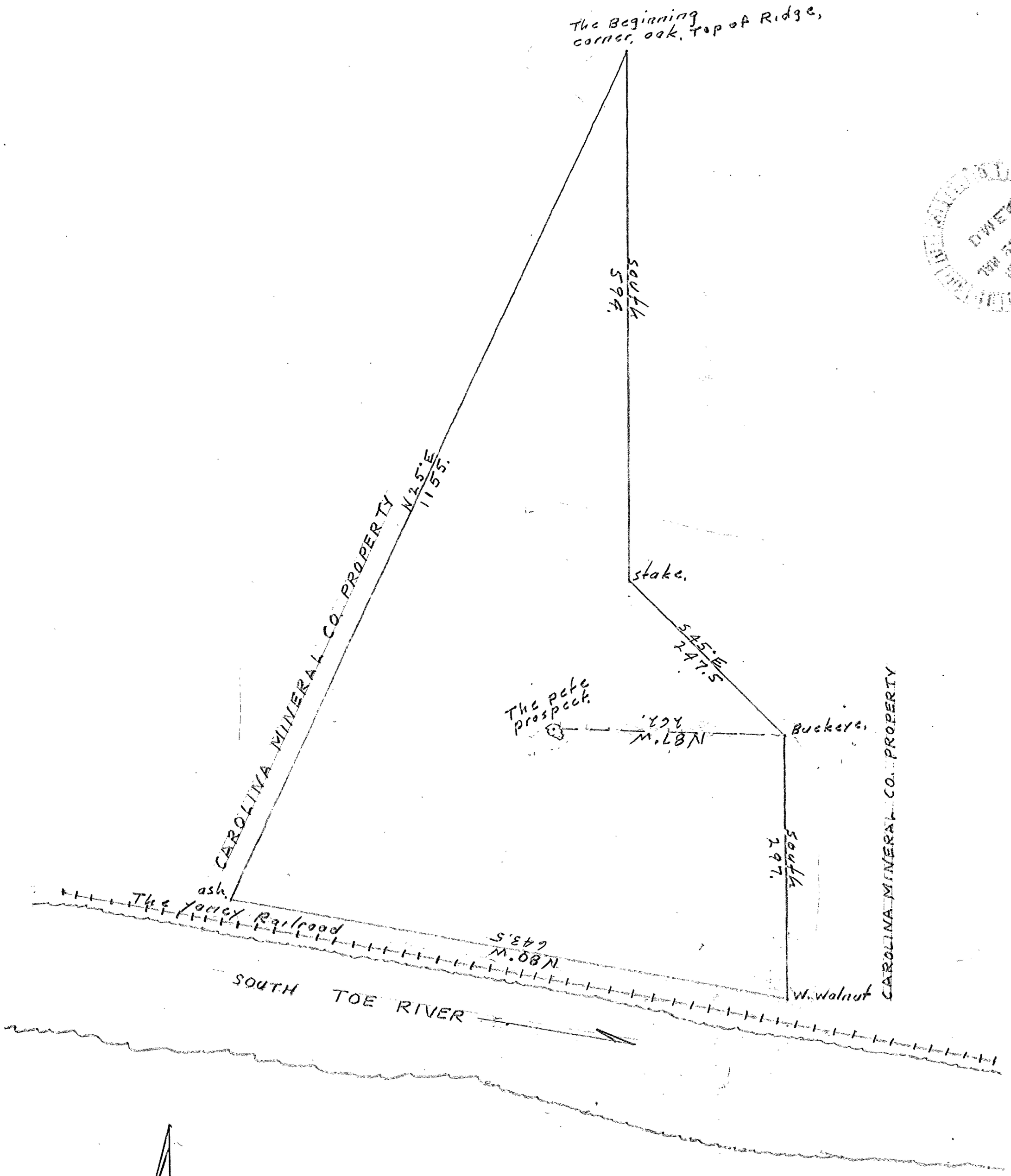
Sincerely yours,

Allen S. Dakan, Chief
Operations Control and
Statistics Division

Copy to:

Code 600

3571



THE PETE PROSPECT
CONTAINS 10. ACRES
DATE, JAN-10-1957
SCALE 1" = 100'

DMEA - 4473 - mica
HOMER BOONE

DMEA
MAR 28 1957