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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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DEC 16 1953

TERMINATION OF EXPLORATION PROJECT CONTRACT BY AGREEMENT
AFTER COMMENCEMENT BUT BEFORE COMPLETION OF THE WORK

It is agreed this 7th day of December, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Fletcher Smith, S. M. Smith, Noah Smith and Fanny Smith, Partners, d/b/a Smith Mica Company, Route 2, Delta, Ala.

hereinafter called the "Operator," parties to that certain Exploration Project Contract I-dm-E 593, Docket No. DMEA-3046, dated 31 st August 1953, that the said contract shall be and is hereby terminated as of the first date above written.

Any work prosecuted or costs incurred by the Operator after the date first above written shall be for the sole account of the Operator, except for (a) such necessary and reasonable costs and expenses as may be incurred in preserving and disposing of any facilities, buildings, fixtures, equipment, or other items, to the cost of which the Government has contributed and in which the Government has an equity, and (b) the costs of any reports, accounts, and winding-up and settlement actions provided for in the contract.

The undersigned Operator hereby releases and agrees to save harmless the Government from all claims and demands under or arising out of said Exploration Project Contract, except as herein expressly otherwise provided.

Witness the following signatures as of the day and year first above written.

UNITED STATES OF AMERICA

By W. A. Beck
~~Acting Executive Officer, Reg.~~ 7

SMITH MICA COMPANY
(Operator)

By Fletcher Smith

By S M Smith

By Noah Smith

By Fannie Smith

zm

18262-1

Department of the Interior
Defense Minerals Administration
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SEP 23 1953
Docket Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Contract Amendment No. 1

DMEA-3046, Idm-E593 (mica) Fletcher Smith Prospects

Contract Docket DMEA-3046, Idm-E593, dated 31st August 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Fletcher Smith, S. M. Smith, Noah Smith, and Fanny Smith, partners, d/b/a Smith Mica Company, Delta, Alabama, is hereby amended as follows:

1. Article 3 is amended to read " The Operator, within 60 days from date of this contract shall commence work on a project of exploration for mica.....", instead of 30 days as written in the original contract.

This amendment is made because the operators could not obtain a bulldozer until sometime in October 1953.

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

Dated:
September 17, 1953

SMITH MICA COMPANY

By Fletcher Smith
By S M Smith
By Noah Smith
By Fannie Smith

THE UNITED STATES OF AMERICA

By Robert A. Lawrence
Executive Officer, DMEA
Region VII

mm

MF-200 (A)
(February 1952)

DOCKET NO. DMEA-3046

COMMODITY Mica

Docket Copy

IDM-E 593

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

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 31st day of August, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Fletcher Smith, S. M. Smith, Noah Smith, and Fanny Smith, Partners, doing business as Smith Mica Company, Route 2, Delta, Alabama

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

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

ARTICLE 2. *Operator's property rights.*—With respect to the mineral rights in that certain land situated in the State of Alabama, County of Clay, described ~~as follows~~:[3] in Annex I and indicated on the maps attached hereto and made a part hereof, entitled "Map No. 1, Sketch, Fletcher Smith Prospects, Clay County, Ala.," and "Map No. 2, Sketch, Location Plat, Fletcher Smith Prospects,"

the Operator represents and undertakes:[4]

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: None

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

ARTICLE 3. *Exploration project.*—The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for[5] Mica

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

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 90 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $5,400.00, which is 90 percent of $6,000.00, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 9. *Changes and added provisions* _____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By O. Meitendorf
Administrator, Defense Minerals Exploration Administration

SMITH MICA COMPANY
(Operator)

By Fletcher Smith

By S. M. Smith

By Noah Smith

By Fannie Smith

Witnesses: Barkow, Anton Fallert

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 16—66329-1

EXPLORATION PROJECT CONTRACT
SMITH MICA COMPANY
DOCKET NO. DMEA-3046

ANNEX I

The land referred to in Article 2 of the contract form consists of approximately 5 acres of land containing what is known as the Fletcher Smith Prospects (Pit No. 1, Pit No. 2, and Pit No. 3). The 5 acres is a rectangular tract 600 feet long by 350 feet wide located in the east central portion of the NE¼ of the SE¼, Section 1, Township 19 S., Range 9 E., Clay County, Alabama. The location and boundaries are shown on Map No. 1 and on Map No. 2.

EXPLORATION PROJECT CONTRACT
SMITH MICA COMPANY
DOCKET NO. DMEA-3046

ANNEX II

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

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

EXPLORATION PROJECT CONTRACT
SMITH MICA COMPANY
DOCKET NO. DMEA-3046

EXHIBIT "A"

Description of the Work

The project work shall be done in three stages. The second and third stages shall not be started until after the completion of Stage I, and then only with the written prior approval of the Government engineers. The work of these two stages may be performed separately or concurrently, when approved by the Government engineers who also shall approve the location, direction, and extent of all project work.

Stage I

This stage shall consist of cutting bulldozer trenches at Pit No. 1 and Pit No. 3, indicated on Map No. 1. Each trench shall be approximately 75 feet long, 20 feet wide, and 6 feet deep.

Stage II

This stage shall consist of sinking a shaft in cross section 5 feet by 7 feet in the clear, in the vicinity of Pit No. 1, to a depth of 40 feet, and drifting or crosscutting from the bottom of said shaft a distance of not more than 40 feet.

Stage III

This stage shall consist of sinking a shaft in cross section 5 feet by 7 feet in the clear, in the vicinity of Pit No. 3, to a depth of 40 feet, and drifting or crosscutting from the bottom of said shaft a distance of not more than 40 feet.

Agreed Unit Costs

Bulldozer trenching, 40 hours @ $10.00/hr.	$400.00
Shaft sinking, 80 feet @ $40.00/ft.	3,200.00
Drifting or crosscutting, 80 feet @ $30.00/ft.	2,400.00

Total Cost of Project	$6,000.00
Government Participation at 90%	$5,400.00

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3046

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION ASSISTANCE

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

One copy to USGS. and USBM. One copy retained in Region VII

Routing Slip

To:	Code 600, Room 4637	Date	5/26/53
To:	Robertson	Date	5/27/53
To:	Oper Com	Date	6-19-53
To:	Oper Com	Date	8-28-53
To:	Code 600 Rm 4637	Date	9-1-53
To:	Reports & Rec.	Date	9-15-53
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
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To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

File Copy
Surname:

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

FEB 24 1954

Mr. Fletcher Smith
Smith Mica Company
Route 2
Delta, Alabama

Re: Docket No. DMEA-3046 - Mica
Smith Mica Company
Fletcher Smith Prospects
Clay County, Alabama
Contract No. Idm-E593

Dear Mr. Smith:

We are please to advise you that your performance of exploration work under the subject contract has been satisfactory to the Government, and the account relating thereto has been closed. The final audited and settled account shows:

Total claimed for units of work performed	$560.00
Total Government contribution at 90 percent	$504.00

Your attention is called to the provision of the contract which requires you to keep and preserve your records and accounts of this transaction for a period of three years for possible future reference.

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the exploration contract. In the absence of such certification, the Government retains no claim or lien against the property or any production therefrom except with respect to any production between the date of the contract and the end of the period within which the Government may make such certification.

The Government is grateful for your participation in the exploration program of the Defense Minerals Exploration Administration.

Sincerely yours,

C. O. Mittendorf (fw)
Administrator

JHopkins:gad 2/18/54
Copy to: Admr. R. File
Docket File
Field Team, Reg. 7
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.G. 2-24-54

File Copy
Surname:

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

February 18, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Docket No. DMEA-3046 - Mica
Contract No. Idm-E593
Fletcher Smith Prospects
Clay County, Alabama

Operator: Fletcher Smith, S. M. Smith, Noah Smith and Fanny Smith, a partnership doing business as Smith Mica Company

Operator's Property Rights: Owner

Contract: Dated August 31, 1953.

Work authorized:

Bulldozing Trenches 40 hrs. @ $10/hr.	$400.00
Sinking Shaft 80 ft. @ $40/ft.	3,200.00
Drifting or Crosscutting 80 ft. @ $30/ft.	2,400.00
Estimated Cost	$6,000.00

Government participation @ 90 percent $5,400.00

Amendments: No. 1 dated September 17, 1953, extends starting date from 30 days as written in the contract to 60 days from date of contract.

Work completed:	Total Cost	Unit Cost
Bulldozing Trench 75'x 20'x 6' 335 cu.yds.	$160.00	48¢/cu.yd.
Sinking Shaft 10 ft.	400.00	$40.00/ft.
Total Cost	$560.00	
Government participation @ 90 percent	$504.00	

Work was completed November 2, 1953.

Audit: Report of Review by Contract Administration and Audit Division dated January 20, 1954.

Certification: None issued.

R.C.J. 2-24-54

Comments:

Three mica prospects on this property were examined by members of the Field Team, Region VII who found that two of these deposits warranted further limited exploration.

In Prospect No. 1 several thin sills and lens-like pods were exposed in a pit 20 feet in diameter and 15 feet deep. Approximately 2,500 pounds of good quality mica had been taken from the pit.

A pegmatite more than 8 feet thick was exposed in a pit 8 feet deep on Prospect No. 3, in which mica up to 6 inches in diameter was observed.

The examiners recommended that assistance be granted to explore these two deposits by trenching. If results from trenching showed sufficient mica-bearing pegmatite, 40-foot test shafts with 40 feet of drifts were to be sunk at each locality.

An incline was extended in Prospect No. 1 at operators expense with negative results. However, a trench 75' x 20' x 6' was bulldozed on Prospect No. 3 and a 5' x 7' shaft was sunk to a depth of 10 feet under this project. A 4 ft. pegmatite was found in these workings but the poor showing of mica did not warrant further work. About 200 pounds of badly ruled, curved and stained mica was recovered during the operations. Because the small amount of poor mica found would not permit a profitable operation, it was concluded that no discovery was made.

James Hopkins
Nonmetallic Minerals Division

JHopkins:gad 2/18/54

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

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

February 18, 1954

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Docket No. DMEA-3046 - Mica
Contract No. Idm-E593
Fletcher Smith Prospects
Clay County, Alabama

Operator: Fletcher Smith, S. M. Smith, Noah Smith and Fanny Smith, a partnership doing business as Smith Mica Company

Operator's Property Rights: Owner

Contract: Dated August 31, 1953.

Work authorized:

Bulldozing Trenches 40 hrs. @ $10/hr.	$400.00
Sinking Shaft 80 ft. @ $40/ft.	3,200.00
Drifting or Crosscutting 80 ft.@ $30/ft.	2,400.00
Estimated Cost	$6,000.00

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Sinking Shaft 10 ft.	400.00	$40.00/ft.
Total Cost	$560.00	
Government participation @ 90 percent	$504.00	

Work was completed November 2, 1953.

Audit: Report of Review by Contract Administration and Audit Division dated January 20, 1954.

Certification: None issued.

Comments:

Three mica prospects on this property were examined by members of the Field Team, Region VII who found that two of these deposits warranted further limited exploration.

In Prospect No. 1 several thin sills and lens-like pods were exposed in a pit 20 feet in diameter and 15 feet deep. Approximately 2,500 pounds of good quality mica had been taken from the pit.

A pegmatite more than 8 feet thick was exposed in a pit 8 feet deep on Prospect No. 3, in which mica up to 6 inches in diameter was observed.

The examiners recommended that assistance be granted to explore these two deposits by trenching. If results from trenching showed sufficient mica-bearing pegmatite, 40-foot test shafts with 40 feet of drifts were to be sunk at each locality.

An incline was extended in Prospect No. 1 at operators expense with negative results. However, a trench 75' x 20' x 6' was bulldozed on Prospect No. 3 and a 5' x 7' shaft was sunk to a depth of 10 feet under this project. A 4 ft. pegmatite was found in these workings but the poor showing of mica did not warrant further work. About 200 pounds of badly ruled, curved and stained mica was recovered during the operations. Because the small amount of poor mica found would not permit a profitable operation, it was concluded that no discovery was made.

James Hopkins
Nonmetallic Minerals Division

Mr. Robertson

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

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
FEB 1954

February 4, 1954

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3046

Contract Number: Idm-E593

Applicant: Smith Mica Company

Name and Location of Property: Fletcher Smith Prospects
Clay County, Alabama

Date of Field Team Report: January 8, 1954

Date Rec'd by Ceramic & Fertilizer Mats. Branch: February 3, 1954

Field Team Recommendation:

1. No certification of discovery or development.

Comments:

1. Mica recovered at Pit #3 was badly cracked and stained.

2. Expenditures:

Total approved	$6,000
Total costs	560
Government's share	504
Value	None

Recommendation:

I concur in the field team's recommendation to deny certification of discovery or development.

W. F. Dietrich

W. F. Dietrich

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 20 1954

IN REPLY REFER TO:
G-MD-CNM

January 19, 1954

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3046 (Mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: Fletcher Smith, S. M. Smith, Noah Smith, and Fanny Smith -- (Smith Mica Co.)
Name of property: Fletcher Smith Prospects
Location of property: 5 miles by road south of Delta, Clay Co., Alabama, near the Clay-Randolph county line.
Date of field team report: January 5, 1954.
Authorship of field team report: K. H. Teague, J. F. O'Neill, D. H. Amos.
Field team's recommendation: No certification of discovery should be issued.
Comments:

Because no significant quantity of commercial mica was discovered, no further work is recommended.

ACTION RECOMMENDED:

Follow field team's recommendation.

D M Larrabee

D. M. Larrabee

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

COPY

Room 13, Post Office Bldg.
Knoxville 2, Tenn.

M January 8, 1954

Memorandum

To: Chairman, Operating Committee, D M E A - Washington

From: D M E A Field Team, Region 7

Subject: Final Reports: DMEA-3046, Idm-E 593; Smith Mica Co. (mica)
DMEA-3022, Idm-E 617; Blalock & Hamrick (mica)
DMEA-3023, Idm-E 616; Blalock & Hamrick (Mica)

Enclosed are four copies of the Field Team final reports on each of the subject exploration contracts. Operator's final geologic reports have not been received; it is not likely that they will be very informative.

Each of these contracts was terminated by mutual agreement, after a small amount of work showed that further exploration was undesirable. Therefore, we agree with the examiners' conclusions that certification should not be issued for any of these projects.

/s/ Robert A. Laurence
Executive Officer, DMEA Reg. 7

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

Reviewed by
DMEA OPERATING COMMITTEE
1-18-54
(date)

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

Room 12, Post Office Bldg.
Knoxville 2, Tenn.

January 5, 1954

Memorandum

To: Chairman, Operating Committee, D M E A - Washington

From: D M E A Field Team, Region 7

Subject: Final Reports: DMEA-3010, Ion-m 593; Smith Mine Co. (mica)
DMEA-3024, Ion-m 617; Hinelook - Hamilton (mica)
DMEA-3023, Ion-m 616; Hinelook & Hamilton (mica)

Enclosed are four copies of the Field Team Final reports on each of the subject exploration contracts. Geologist's final geologic reports have not been received; it is not likely that they will be very informative.

Each of these contracts was terminated by mutual agreement, after a small amount of work showed that further exploration was unsatisfactory. Therefore, we agree with the examiners' conclusions that certification should not be issued for any of these projects.

/s/ Robert E. Lawrence
Executive Officer, Reg. Leg. 7

/s/ Wm. H. Beck, for V. G. Lynch
U. S. Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT

on

DMEA-3016, FLETCHER SMITH PROSPECTS (mica)
Clay County, Alabama

By

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

James F. O'Neill, Mining Engineer
U. S. Bureau of Mines

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

January 5, 1954

Reviewed by
DMEA OPERATING COMMITTEE
1-18-54
(date)

DEFENSE MINERALS EXPLORATION ADMIN.

FINAL REPORT
on
DMEA-3046, FLETCHER SMITH PROSPECTS
(Mica)
Contract Idm-E 593
Applicants: Fletcher Smith, S. M. Smith, Noah Smith and Fanny Smith, d/b/a Smith Mica Company, Route #2, Delta, Alabama

The Fletcher Smith Prospects are located in Clay County, Alabama near the Clay-Randolph county line approximately 5 miles by road south of Delta.

Work completed under contract consisted of trenching at Pit #3 as outlined under Stage I, and sinking of a 10-foot shaft at the same location under Stage III. An incline was extended down at Pit # 1 at the Operator's expense prior to the effective date of the contract. As no significant quantity of commercial mica nor any indication of such was discovered at either location, the contract was terminated by mutual agreement effective December 7, 1953. No certification of discovery should be issued.

Work began October 7, 1953, was completed November 7, 1953.

Pit # 1

An incline was extended from Pit # 1 at the Operator's expense. Several thin, conformable pegmatites enclosed by mica-garnet schist were exposed. The foliation of the schist strikes N. 10° E and dips 35° SE. No commercial mica was recovered during this work, thus the work proposed in the contract at this location (trenching under Stage I and shaft sinking and drifting or crosscutting under Stage III), was not done.

Pit # 3

Total trenching amounting to 75' x 20' x 6' in depth was bulldozed in the vicinity of Pit # 3. The first 50 linear feet of trenching trended N 50° E. A pegmatite 5-foot thick, striking N. 10° W. and dipping steeply to the northeast, was exposed near the center of the trench. The remaining 25 feet of trenching was made northward from the 50-foot trench along the pegmatite. A small amount of mica was exposed, but all was badly cracked and stained, most books were less than one inch in diameter.

A 5' x 7' vertical shaft was sunk to a depth of 10 feet in Pit #3. A pegmatite 4-foot thick was exposed in the shaft. It is poorly zoned and consists of iron-stained kaolin, quartz, and scattered small mica. The poor showing of mica did not warrant further work as proposed in the contract.

About 200 pounds of "mine-run" book mica was recovered during the operation. All was badly ruled, curved, and stained.

Approved by
DMEA Contract Supervisor

1-18-54
(date)

Expenditures:

(a)	Total approved	$6,000.00
(b)	Total cost of project	560.00
(c)	Government's share of cost	504.00
(d)	Government's share unexpended	4, 896.00
(e)	Value of production during operation -- none	?

The operation was conducted in an efficient and satisfactory manner. No equipment was purchased under the contract.

K. H. Teague, U.S.G.S.

J. F. O'Neill, U.S.B.M.

D. H. Amos, U.S.G.S.

January 5, 1954

zm

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Administration
JAN 11 1954

January 8, 1954

Memorandum

To: Chairman, Operating Committee, D M E A- Washington

From: D M E A Field Team, Region 7

Subject: Final Reports: DMEA-3046, Idm-E 593; Smith Mica Co. (mica)
DMEA-3022, Idm-E 617; Blalock & Hamrick (mica)
DMEA-3023, Idm-E 616; Blalock & Hamrick, "

Enclosed are four copies of the Field Team final reports on each of the subject exploration contracts. Operator's final geologic reports have not been received; it is not likely that they will be very informative.

Each of these contracts was terminated by mutual agreement, after a small amount of work showed that further exploration was undesirable. Therefore, we agree with the examiners' conclusions that certification should not be issued for any of these projects.

Robert A. Laurence
Robert A. Laurence
Executive Officer, DMEA Reg. 7

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

Reviewed by
DMEA OPERATING COMMITTEE
1-18-54
(date)

D... OF THE INTERIOR
D... Mines Administration
RECEIVED
JAN 11 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT

on

DMEA-3046, FLETCHER SMITH PROSPECTS (mica)
Clay County, Alabama

By

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

James F. O'Neill, Mining Engineer
U. S. Bureau of Mines

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

January 5, 1954

Reviewed by
DMEA OPERATING COMMITTEE
1-18-54
(date)

DEFENSE MINERALS EXPLORATION ADMIN.

FINAL REPORT
on
DMEA-3046, FLETCHER SMITH PROSPECTS
(Mica)
Contract Idm-E 593
Applicants: Fletcher Smith, S. M. Smith, Noah Smith and Fanny Smith, d/b/a Smith Mica Company, Route #2, Delta, Alabama

The Fletcher Smith Prospects are located in Clay County, Alabama near the Clay-Randolph county line approximately 5 miles by road south of Delta.

Work completed under contract consisted of trenching at Pit #3 as outlined under Stage I, and sinking of a 10-foot shaft at the same location under Stage III. An incline was extended down at Pit # 1 at the Operator's expense prior to the effective date of the contract. As no significant quantity of commercial mica nor any indication of such was discovered at either location, the contract was terminated by mutual agreement effective December 7, 1953. No certification of discovery should be issued.

Work began October 7, 1953, was completed November 7, 1953.

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Pit # 3

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A 5' x 7' vertical shaft was sunk to a depth of 10 feet in Pit #3. A pegmatite 4-foot thick was exposed in the shaft. It is poorly zoned and consists of iron-stained kaolin, quartz, and scattered small mica. The poor showing of mica did not warrant further work as proposed in the contract.

About 200 pounds of "mine-run" book mica was recovered during the operation. All was badly ruled, curved, and stained.

Reviewed by
DMEA OPERATING COMMITTEE
1-18-54
(date)

Expenditures:

(a)	Total approved	$6,000.00
(b)	Total cost of project	560.00
(c)	Government's share of cost	504.00
(d)	Government's share unexpended	4, 896.00

(e) Value of production during operation -- none

The operation was conducted in an efficient and satisfactory manner. No equipment was purchased under the contract.

K. H. Teague, U.S.G.S.

J. F. O'Neill, U.S.B.M.

D. H. Amos, U.S.G.S.

January 5, 1954

zm

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

December 16, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3046, Mica

Contract No.: Idm-E-593

Applicant: Smith Mica Company

Name and Location of Property: Fletcher Smith Mine, Clay County, Alabama

Date of Field Team Interim Report: November 23, 1953

Date Rec'd by Ceramic & Fertilizer Materials Branch: December 8, 1953

Field Team Recommendation: The operator requested permission to cancel this project and the field team concurs with the operator.

Comments:

1. A vertical shaft was sunk 10 feet in the center of the bulldozer cut. A dike, 4-feet wide, was exposed, but it was poorly zoned, contained scattered mica books of small grade, and iron stained kaolin.

Recommendation:

I concur in the field team's recommendation to terminate this contract. However, I suggest the field team submit a final report with a breakdown of the total expenditures.

W. F. Dietrich

W. F. Dietrich

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

December 16, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3046, Mica

Contract No.: Idm-E-593

Applicant: Smith Mica Company

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Date Rec'd by Ceramic & Fertilizer Materials Branch: December 8, 1953

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Signed
W. F. Dietrich

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

DEPARTMENT OF THE INTERIOR
Land Check Attached
RECEIVED
DEC 21 1953

December 16, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3046, Mica

Contract No.: Idm-E-593

Applicant: Smith Mica Company

Name and Location of Property: Fletcher Smith Mine, Clay County, Alabama

Date of Field Team Interim Report: November 23, 1953

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Signed

W. F. Dietrich

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1 8 1953

December 14, 1953

Memorandum

To: Operating Committee, D M E A - Washington

From: Executive Officer, DMEA - Region 7

Subject: Termination of Exploration project - Idn-E 593, DMEA-3046 (mica)
Smith Mica Co. Delta, Ala.

Transmitted are three signed copies of the above subject forms. Proper distribution of the other copies has been made.

Robert A. Laurence
Robert A. Laurence

RECEIVED
DEC 18 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

DEPARTMENT OF THE
Defense Minerals Administration
RECEIVED
DEC 16 1953

December 14, 1953

Mr. Charles E. Smith
P.O. Box 261
Montgomery, Alabama

Re: DMEA-3046, Idm-E 593 (mica)
Fletcher Smith Prospect

Dear Mr. Smith:

This will acknowledge receipt of the 5 signed copies of the mutual termination agreement.

Please send in your final voucher at your earliest convenience, along with your geological and engineering report on the project as provided in Article 5-b of the contract.

Yours very truly,

Robert A. Laurence
Executive Officer, DMEA
Region 7

RAL/zm

Peck
O'Neill
Mills

FILE COPY
SURNAME:

Robertson
Houk
Selfridge
Williams

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

DEC - 4 1953

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

Re: Docket No. DMEA-3046 - Mica
Smith Mica Company
Fletcher Smith Prospects
Clay County, Alabama
Contract No. Idm-3593

Dear Mr. Laurence:

Reference is made to the field Interim Report dated November 23, 1953, recommending terminating the subject project.

We concur with your recommendation to terminate this contract by mutual agreement.

Sincerely yours,

George C. Selfridge (GCS)

Chairman, Operating Committee

Approved:

J. H. Hedges (JHH)

Member, Bureau of Mines

D. M. Larrabee (DML)

Member, Geological Survey

JTRobertson:ag 12/3/53

Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232, GSA Bldg.
Mr. Houk

12-4-53

FILE COPY
SUMMARY

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 2 1953

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

November 30, 1953

Memorandum

To: Operating Committee, D M E A, Washington, D. C.

From: Field Team, Region VII

Subject: Request for Termination
DMEA-3046, Idm-E 593 (Mica)
Fletcher Smith, Delta, Alabama

Enclosed are original and three copies of a recent interim report on the subject exploration project.

We agree with the recommendations of the field examiners and request permission to terminate the contract by mutual consent with the Operator.

Robert A. Laurence
Robert A. Laurence
Executive Officer
Region VII

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

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
BOX L
UNIVERSITY, ALABAMA
REGION VII

November 23, 1953

Interim Report

DMEA No. 3046 - Mica
Fletcher Smith
Delta, Alabama
Contract No. Idm-E-593.

Subject project was visited November 19, 1953 with Ben Gildersleve.

A vertical shaft 5 feet by 7 feet was sunk 10 feet on the dike. Its location was in the center of the exposure in the bulldozer cut.

The dike exposed was four feet wide. It was poorly zoned, contained iron stained kaolin, bunches of quartz, and small scattered mica books. The books were all less than one inch size.

The operator's opinion was that the poor showing of mica in the bulldozer trench and the shaft indicated that further work at this project was not warranted and that he would prefer to spend his time and money on other prospects in the vicinity that appear more promising.

We concur with the operator and recommend that this contract be cancelled.

J. F. O'Neill, Mining Engineer
Mining Development Branch
Mining Division, Region VII

Ben Gildersleve
U. S. Geological Survey

JFO'Neill:al
cc: Regional Director, Reg. VII
R. A. Laurence, orig. & 5
V. J. Lynch
A. A. McKinney
Ben Gildersleve
J. F. O'Neill
Day File, File

RECEIVED
NOV 30 1953
U. S. Geological Survey
Knoxville, Tenn.

November 23, 1952

Incident Report

Job No. 2045 - Tres
Defender Field
Delta, Alabama
Contract No. ID-F-5923

Subject project was started November 19, 1952 with Ben Hilderbrove.

A vertical shaft 2 feet by 7 feet was sunk 10 feet on the side. The location was in the center of the entrance in the bull-dozer cut.

The side exposed was four feet wide. It was partly mined, combined from shelled limestone, brownish clayish, and small scattered mica books. The books were all lean but one in an hour.

The operator's opinion was that the poor showing was in the bulldozer trench and he stated that further work at this project was not warranted and that he would prefer to spend the time and money on other prospects in the vicinity that appear more promising.

We concur with the operator and recommend that this contract be cancelled.

W. E. Hall, Mining Engineer
Mining Development Branch
Mining Division, Region VII

Ben Hilderbrove
U. S. Geological Survey

WEH:al
cc: Regional Director, Reg. VII
W. E. Lawrence, Chief, G S
[illegible]
[illegible]
[illegible]
Ben Hilderbrove
E. F. Mirabell
Key File, File

RECEIVED
NOV 24 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
BOX L
UNIVERSITY, ALABAMA

REGION VII

October 13, 1953

Interim Report

DMEA No. 3046 - Mica
Smith Mica Co.
Delta, Alabama
Contract No. Idm-E-593

Subject project was visited on October 8, 1953. Work was started at location of pit No. 3; seven hours work was completed at the site with a D-7 Caterpillar bulldozer. The trench was 50' long, 12' high, running in a N 50 E direction. It crossed the dike near the center. Small books of ruby mica were exposed in the dike; a few of them would trim 1" x 2". The dike was about 5' wide and dipped steeply northeasterly, trending N 10° W.

Since the time of the original examination, the applicants had extended an incline down dip at the location of pit No. 1. They reported that they recovered no critical mica in this work. The dike consisted of a series of narrow seams in the wall rock and did not indicate any promising return for future work.

It was recommended to the operator that the trenching at pit No. 3 be done in the direction of the trend of the dike and, at the completion of the 20 hours allocated for this work, that the field team be advised so that an examination could be made in order to determine the feasibility of continuance of the work under stage II.

It was suggested, in view of the unfavorable exposure made by the recent work at pit No. 1, that no further work be done at this location. The operator reaction was favorable to this suggestion.

A notice was received from the operator October 12 that the bulldozer work was completed at the project. It is considered advisable that the project be reexamined with Teague during this week in order to determine the feasibility of continuation of the work under stage II at location No. 3.

J. F. O'Neill
Mining Engineer, Reg. VII

JFO'Neill:al
cc: Regional Director, Reg. VII
R. A. Laurence, orig. + 5
V. J. Lynch — K. H. Teague
A. A. McKinney — J. F. O'Neill
Day File — File

UNITED STATES
ADMINISTRATOR OF THE TENNESSEE VALLEY
BUREAU OF WORKS
BOX 1
SHEFFIELD, ALABAMA

October 12, 1942

Interim Report

UNRA No. 3046 - Ala
Smith Mfg. Co.
Delta, Alabama
Contract No. Ida-2-393

Subject project was visited on October 6, 1942. Work was started at location of pit No. 3; seven hours work was completed at the site with a D-7 Caterpillar bulldozer. The trench was 50' long, 12' high, running in a N 50 E direction. It crossed the dike near the center. Small books of ruby mica were exposed in the dike; a few of them (only) were 1" x 2". The dike was about 5' wide and dipped steeply northeasterly, trending N 10° W.

Since the time of the original examination, the applicants has extended an inclined adit at the location of pit No. 1. They reported that they recovered no critical mica in this work. The dike consisted of a series of narrow seams in the wall rock and did not indicate any promising return for future work.

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G. E. Wright
Mining Engineer, Reg. VII

G. E. Wright:al
cc: Regional Director, Reg. VII
R. J. Lawrence, orig. + 3
T. G. Byrd
A. A. Mohlmey
G. E. Wright
My File

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

September 29, 1953

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Docket No. DMEA-3046 - Mica
Smith Mica Company
Fletcher Smith Prospects
Clay County, Alabama

Re: Amendment No. 1

This Division approves Amendment No. 1 executed September 17, 1953 by Robert A. Laurence, Executive Officer, DMEA Region VII.

The amendment simply allows another 30 days in which to start the project. No change is made in approved costs.

J. T. Robertson
Nonmetallic Minerals Division

RECEIVED
OCT 6 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

FILE COPY
SURNAME: B

Robertson
Houk

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

600

September 29, 1953

N. S. in R. R.

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: Docket No. DMEA-3046 - Mica
Smith Mica Company
Fletcher Smith Prospects
Clay County, Alabama

Re: Amendment No. 1

This Division approves Amendment No. 1 executed September 17, 1953 by Robert A. Laurence, Executive Officer, DMEA Region VII.

The amendment simply allows another 30 days in which to start the project. No change is made in approved costs.

/s/
J. T. Robertson
Nonmetallic Minerals Division

JTRobertson:gad 9/29/53

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
ROOM 13, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 23 1953

September 21, 1953

Memorandum

To: Operating Committee, D M EA - Washington

From: Executive Officer, DMEA - Region 7

Subject: Amendment No. 1. on DMEA-3046, Idm-E593, Smith Mica Co. Alabama

Transmitted herewith are three signed copies of the above subject Amendment. The customary distribution of the other copies has been made by this office.

Robert A. Laurence
Robert A. Laurence

RECEIVED
OCT 6 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

cc
9-23

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 5, PO & FO BLDG.
KNOXVILLE 2, TENN.

AB

September 11, 1953

Memorandum

To: Chairman, Operating Committee, D M E A Washington

From: Executive Officer, DMEA - Region 7

Subject: Signed Contract. DMEA-3046, Idm-E593, Smith Mica Co. Alabama

Transmitted herewith are three copies of the above subject contract which has been signed by the partners in the Smith Mica Company.

The customary distribution of the other copies has been made.

Robert A. Laurence
Robert A. Laurence

cc
9-14

FILE COPY
SURNAME:

Robertson
Houk
Talbert
Mr. Lindsay

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

AUG 31 1953

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

Subject: Docket No. DMEA-3046 - Mica
Smith Mica Company
Fletcher Smith Prospects
Clay County, Alabama

Dear Mr. Laurence:

Please find herewith the original and five copies of a contract covering the subject exploration project which have been signed by the Government with register number and effective date as shown.

Please call to the attention of the Operator that the parcel of ground accepted as covering Pits Nos. 1, 2, and 3 is taken as a rectangular tract 350 feet by 600 feet as shown in Map No. 1 attached to contract.

If the contract meets with your approval present it to the Operator for its approval and signature. Please explain to the Operator that the contract, when executed, is a firm commitment under the terms of which it is obligated to complete the work outlined at the agreed unit cost. If any part of this contract does not have either your approval or that of the Operator and cannot be amended within your delegated authority, then the original and all copies of the contract are to be returned to this office, together with the proposed changes for consideration.

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

Copies of memoranda from the Bureau of Mines and the Geological Survey are enclosed.

Sincerely yours,

Ernest Wm. Ellis
ACTING
Chairman, Operating Committee

Approved:

M. H. Kline
Member, Bureau of Mines

D. M. Larrabee
Member, Geological Survey

Enclosures 10

JTRobertson:gad 8/28/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

R.C.L. 8-31-53

IN REPLY REFER TO:

G-MD-CNM

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

August 7, 1953

Memorandum

REVIEW OF FIELD TEAM REPORT ON APPLICATION DMEA-3046 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant: Smith Mica Co., Route 2, Delta, Alabama.
Name of property: Fletcher Smith prospects.
Location of property: 5 miles south of Delta in Clay County, Alabama.
Date of field team report: July 21, 1953.
Authorship of field team report: K. H. Teague and James F. O'Neill.
Field team's recommendation:

Stage 1. 40 hours bulldozing.
Stage 2. 2 - 40' shafts.
80' drift.

Total $6,000

Comments:

Unless the applicants plan to work both shafts simultaneously, and have been proven duly qualified and equipped, it is suggested that 3 instead of 2 stages be set up.

Stage 2. 1 shaft and drift.
Stage 3. 2nd shaft and drift.

If Stage 2 is well performed, Stage 3 could be permitted even though Stage 2 yields negative results.

ACTION SUGGESTED:

I see no point in committing ourselves to the entire program in 2 stages, thus differing from the Field Team proposal. Otherwise, I agree with the Field Team.

D M Larrabee

D. M. Larrabee

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG - 4 1953

August 4, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3046, Mica, Fletcher Smith, Clay County, Alabama

I concur in the field team's recommendation for an exploration program in the amount of $6,000.

W. F. Dietrich

W. F. Dietrich

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF FIELD EXAMINATION BY FIELD TEAM, REGION VII

ON
(Mica)

DMEA-3046, FLETCHER SMITH PROSPECTS
Clay County, Alabama

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

James F. O'Neill, Mining Engineer
U. S. Bureau of Mines

July 21, 1953

FIELD EXAMINATION REPORT
ON
FLETCHER SMITH PROSPECTS

DMEA-3046

Applicant: Smith Mica Company, c/o Fletcher Smith, R#2,
Delta, Alabama

Three prospects were examined, two of which may have merit for limted exploration. The examiners recommend that assistance be granted in two stages. Mica from these deposits have been classified as suitable for stockpiling by the Spruce Pine Depot.

These prospects were examined July 10, 1953. Messrs. S. M. Smith, Fletcher Smith and Noah Smith, accompanied the examiners on the inspection which required three hours.

The Smith prospects are in Clay County, Alabama, near the Clay-Randolph County line. They are about five miles by road south of Delta. Access is excellent.

The applicants have had some experience in mica mining and preparation, and appear capable of conducting the proposed exploration.

Area covered by the application and owned by applicants, is adequate for the porposed work.

Three openings have been made on the property, approximately as shown on the attached sketch map. There are no building at the deposit and none are required for the proposed work.

Pit No. 1 is circular in plan, 20 feet in diameter and 15 feet deep. Several thin sills and lens-like pods of pegmatite are exposed in the pit, enclosed by weathered mica garnet schist whose foliation strikes N. 10° E, dipping 35° SE. The greatest thickness of any pegmatite exposed is two feet. The Smiths' report that 2500 pounds of mica was taken from the pit, 2000 pounds of which were scrap. Approximately 25 pounds of full-trimmed pattern has been worked from the 500 pounds processed. The mica is of good quality and occurs mostly in "burr" pegmatite.

Pit No. 2- is about 6 feet deep and exposes sills of pegmatite stringers less than 15 inches thick. All of the mica found in this pit is very small.

Pit No. 3 - is 8 feet deep and exposes a pegmatite more than

Department of the Interior
Bureau Mines Information
Received
JUL 24 1953

8 feet thick. The pegmatite is weathered and strikes to the north, dipping steeply southeast in mica schist. Most of the mica observed occurs in "burr" facies of the pegmatite. Sizes up to 6 inches across are exposed, although most of it is smaller. The mica is ruby colored, hard and clear. The chief defect is reeves.

Adequate mining equipment and supplies may be obtained locally for the proposed project.

The examiners recommend that assistance be granted in two stages. Stage I should consist of cutting a bulldozer trench 20 feet wide, 75 feet long, and six feet deep in a north-south direction at pits 1 and 3.

If results from the trenching show sufficient mica-bearing pegmatite, 40-foot test shafts with 40 feet of drift from each should be constructed at each locality.

Estimated Cost

STAGE I		
40 hrs. bulldozing @ $10.00/hr.	$ 400.00	
STAGE II		
2 - 40-foot shafts @ $40.00/ft.	$3,200.00	
80 feet, drift @ $30.00/ft.	2,400.00	
Estimated Total Cost of Stages I and II		$6,000.00

Estimated time 80 shifts.

K. H. Teague, USGS

J. F. O'Neill, USBM

July 22, 1953

zm.

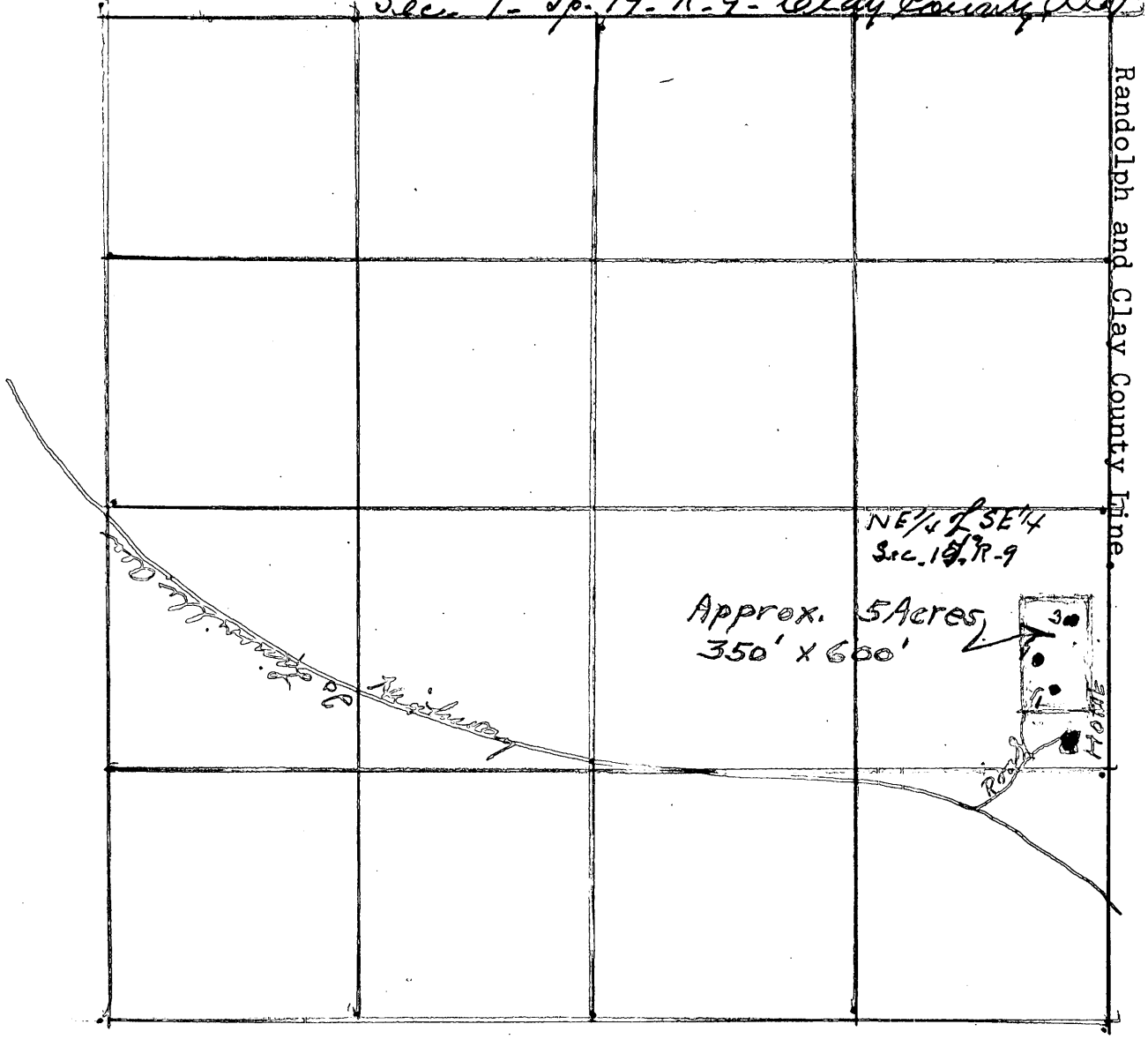
MAP NO. 2

SKETCH

Location Plat

Fletcher Smith Prospects

Sec. 1 - Tp. 19 - R. 9 - Clay County, Ala.



DM 6A 3046

FILE COPY
SURNAME:

Robertson
Houk
Selfridge
McGhee

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

JUN 22 1953

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

Subject: Docket No. DMEA-3046 - Mica
Smith Mica Company
Fletcher Smith Property
Clay County, Alabama

Dear Mr. Laurence:

A field team review is requested of this exploration assistance application, and if necessary, a field examination should be made of the subject mine.

Enclosed please find memoranda on this docket by the Bureau of Mines and the Geological Survey.

Sincerely yours,

cal 6-22

George C. Selfridge

(GCS)

Chairman, Operating Committee

Approved:

J. H. Hedges

(GCS)

Member, Bureau of Mines

A. R. Kinkel, Jr.

(GCS)

Member, Geological Survey

Enclosures 4

JTRobertson:gad 6/18/53
Copy to: Admr. R. File
Docket File
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

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

FILE COPY
SURNAME:

Robertson
Smith
Jr Johnson

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

JUN 22 1953

Mr. Fletcher Smith
Smith Mica Company
Route 2
Delta, Alabama

Re: Docket No. DMEA-3046 - Mica
Smith Mica Company
Fletcher Smith Property
Clay County, Alabama

Dear Mr. Smith:

Your application for assistance in exploring your 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 VII, Room 13, Post Office Building, Knoxville 2, Tennessee, for a field examination, should he deem it necessary.

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

Sincerely yours,

cel 6-22

C. O. Mittendorf (for)

Administrator

JTRobertson:gad 6/18/53
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Operating Committee
Mr. Dietrich, 3526
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

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

June 15, 1953

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-3046, Mica, Fletcher-Smith Property
Clay County, Alabama

No data are available in this office on subject property. It is suggested that the field team visit this property when a member of the field team is in that vicinity to ascertain if an exploration program is justified.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

G-MD-CNM

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

Memorandum

May 28, 1953

REVIEW OF APPLICATION DMEA-3046 (mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: Smith Mica Co., Rt. 2, Delta, Alabama.
Name of property: Fletcher Smith property (S. M. Smith prospects).?
Location of property: NE¼SE¼, S. 1, T. 19 S., R. 9 E., Clay Co., Alabama, near Randolph Co. line.
Summary of applicant's proposal:

1. Inclined shaft (50°-60°) 100' deep on pegmatite.
2. 200'-300' drifts.

Sources of information on applicant's property:
Mica deposits of the SE Piedmont, U. S. Geological Survey Professional Paper 248-G, pt. 11, Alabama Dist., page 440

Comments:
Doubtful if any moderate quantity of strategic mica can be produced. Data, below, indicate 16" maximum thickness of pegmatite, and the mica contains black mineral inclusions.

"The S. M. Smith prospects are in Clay County, near the Randolph County line, in the NE¼SE¼ sec. 1, T. 19 S., R. 9 E. (location 75, pl. 43). They lie about a third of a mile southwest of the Clein scrap-mica deposit. The property is owned by S. M. Smith, who dug several shallow pits and a 15-ft. incline (now inaccessible) in 1943 and 1944. The pegmatite body, which appears to strike northeast and dip moderately southeast, is reported to be 16 in. in maximum thickness. Most of it is an aggregate of kaolinized feldspar, quartz, and small muscovite. A few blocks of massive white quartz occur on the dumps. The mica is medium- to dark-brown and brownish-olive "A" material that contains scattered black mineral specks. The proportion of scrap is very high."

RECOMMENDATION:
Refer to field team for their consideration, and examination if they think it advisable.

D M Larrabee

D. M. Larrabee

May 26, 1953

Mr. Fletcher Smith
Smith Mica Company
Route 2
Delta, Alabama

DMEA-3046
Subj: Exploration Assistance
Re: Fletcher Smith Property

My dear Mr. Smith:

The receipt of your application dated May 20, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3046 and referred to the Nonmetallic Minerals Division.

Kindly refer to DMEA-3046 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS
Robert E. Adams,
Chief, Operations Control
and Statistics Division

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

May 26, 1953

Memorandum

To: Executive Officer, DMEA Field Team, Region VII

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region VII.

DMEA-3046 Smith Mica Company

ROBERT E. ADAMS
Robert E. Adams,
Chief, Operation's Control
and Statistics Division

38226

Lmua 3046

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

May 21, 1953

Memorandum

To: Operating Committee, D M E A, Washington, D. C.

From: Acting Executive Officer, D M E A - Region VII

Subject: Application of Smith Mica Company, Rt. 2, Delta, Ala.

Transmitted herewith are original and two copies of the subject application and one copy of a map that we received in this office today. We are retaining one copy for our files. The applicant has been requested to send a sample of their mica to the Spruce Pine, North Carolina Mica Depot for evaluation.

Wm. A. Beck

Wm. A. Beck

Enclosures 4

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

MAY 25 1953

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. Dmea 3046
Metal or Mineral
Date Received 5-25-53
Estimated Cost
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: Smith Mica Company, Rt. 2, Delta, Alabama.
(d) Partnership, composed of S. M. Smith, Fletcher Smith, Noah Smith and Fannie Smith- all of whome receive mail at Rt. 2, Delta, Alabama.

(*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 Approximately five acres of land located in the east central portion of NE¼ of the SE¼, Section 1, Township 19, Range 9, Clay County, Alabama.

(*b*) State any mine name by which the property is known. Known as the Fletcher Smith property.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owned by the above named partners.

(*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.

(*e*) If you own the land, describe any liens or encumbrances on it None

(*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, shipping, supply and residence points.

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

RECEIVED
16—66551-1
MAY 21 1953
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

5. *The exploration project.*—(*a*) [redacted] the mineral or minerals for which you w[redacted] explore Sheet 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.

(*c*) The work will start within 10 days and be completed within 12 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.

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.).

(*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)?

(*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 May 20, 195[illegible]

Smith Mica Company
(Applicant)

By Fletcher Smith

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

INSTRUCTIONS

4. Physical description:
(a) On this forty acre tract there is a ridge running south-west to north-east, and on this ridge was seen evidence of mica, and three places were dug to some little depth with the results that all produced sheet mica. The first pit we will call No. 1. This pit was dug to a depth of about twelve feet and a total of around fifteen hundred pounds of mica was recovered- most of which was sheet but highly weathered- altho a good grade. No. 2 pit was dug about one hundred yards North and a good grade of sheet mica was found in this pit. And north-east of this, No. 3 pit was dug to a depth of about ten feet and a few hundred pounds of sheet mica was taken from this pit, and like the others, it was weathered. All the work was done with pick and shovel. And the property is accessible for examination.
(b) No work is now being done, and it is not known what the reserve is.
(c) There seems to be a well-defind lead of mica crossing the forty acre tract from south-west to north-east, and we would like to explore pit No. 1 to a depth of one hundred feet, following an incline with a dip of 50 to 60 degrees as shown in the pit, and working drifts from the incline of some two or three hundred feet- we think it is very probable that we would discover a rich vein of sheet mica. We have no geologist or engineering reports. However, Mr. Hugh D. Pallister, Consulting Geologist of the University of Alabama, knows the property very well, and it was at his recommendation that we explore the property.
(d) The property can be reached over a dirt road leading off an high-way a distance of about a quarter of a mile or less, and is about eight miles from Lineville, Alabama, the nearest railroad point.
(e) Manpower is limited but sufficient for our needs. Materials, supplies, equipment and water are ample, and power will be gasoline driven.

5. The exploration project:
The applicant has had no experience as a minor, altho, he has done quite a little prospecting and knows the general nature of mica and mica deposits. However, he will have the advise and service of his brother, Charles E. Smith of Montgomery, Alabama, who has been connected with the Federal Court at Montgomery for over twenty years as an accountant and bookkeeper, and which he will make no charge for his time. Mr. Cleve Campbell of Pyriton, Alabama will serve as mine foreman, and Mr. John J. Patton, a Registered Engineer for the State of Alabama, will serve as consultant.

Smith Mica Company
Applicant

By Fletcher Smith

INSTRUCTIONS

6. Estimate of costs.

(a) None.
(b) Labor, Supervision, Consultants:

2 Miners at $40.00 per week each for 10 months	$3200.00
1 Hoistman " 40.00 " " " " "	1600.00
1 Mine Foreman at $50.00 per week for " "	2000.00
1 Consulting Engineer at $175.00 per Mo. "	1750.00
Total Labor for ten months	$8550.00

(c) Operating materials and supplies :

Gasoline, oils and lubricants, estimated.....	$ 500.00
Picks, shovels, steel for jack-hammer, etc.	100.00
Dynamite, fuse, caps, etc.....	250.00
100 feet of air hose.....	60.00
150 feet of wire rope.....	50.00
Water pump.....	200.00
Timber for mine.....	200.00
Track and ties, and dump car.....	150.00
Total supplies for ten months.....	$1510.00

(d) Operating equipment:

1- 60. N B D Air Compressor, rental @ $127.60 per month, 1o months.....	$1276.00
1- Thoe. 45 lb jack-hammer, rental @ 42.35 per month, 10 months	423.50
1- Hoist (C H & E Single Drum) rental $48.40 per month, 10 months.....	484.00
Delivery charges on the above equipment.....	45.00
Total rental on equipment for 10 months.....	$2228.50

(All the above equipment can be rented with option to purchase.)

(e) Rehabilitation and repairs: None.
(f) New buildings, improvements, installations:

Tool house and shed over equipment	$300.00

(g) Miscellaneous:

Maintenance as required on rented equipment	$250.00
Overhead, office supplies and accountaing	1000.00
Workmen's compensation and employers' liability insurance, and payroll taxes, est.	500.00
Total miscellaneous.....	$1750.00

(h) Contingences.

Estimated.....	$1400.00

Smith Mica Company
By Fletcher Smith

INSTRUCTIONS

7. (a) Yes.
   (b) In Cash.

RECAPITULATION

Estimated total costs of Labor.....	$8550.00
Estimated total costs of supplies.....	$1510.00
Estimated total rental of equipment.....	$2228.50
Estimated total costs of buildings.....	$ 300.00
Estimated miscellaneous costs.....	$1750.00
Estimated costs of contingencies.....	$1400.00
Total.....	$15,738.50

SMITH MICA COMPANY
Applicant

By Fletcher Smith

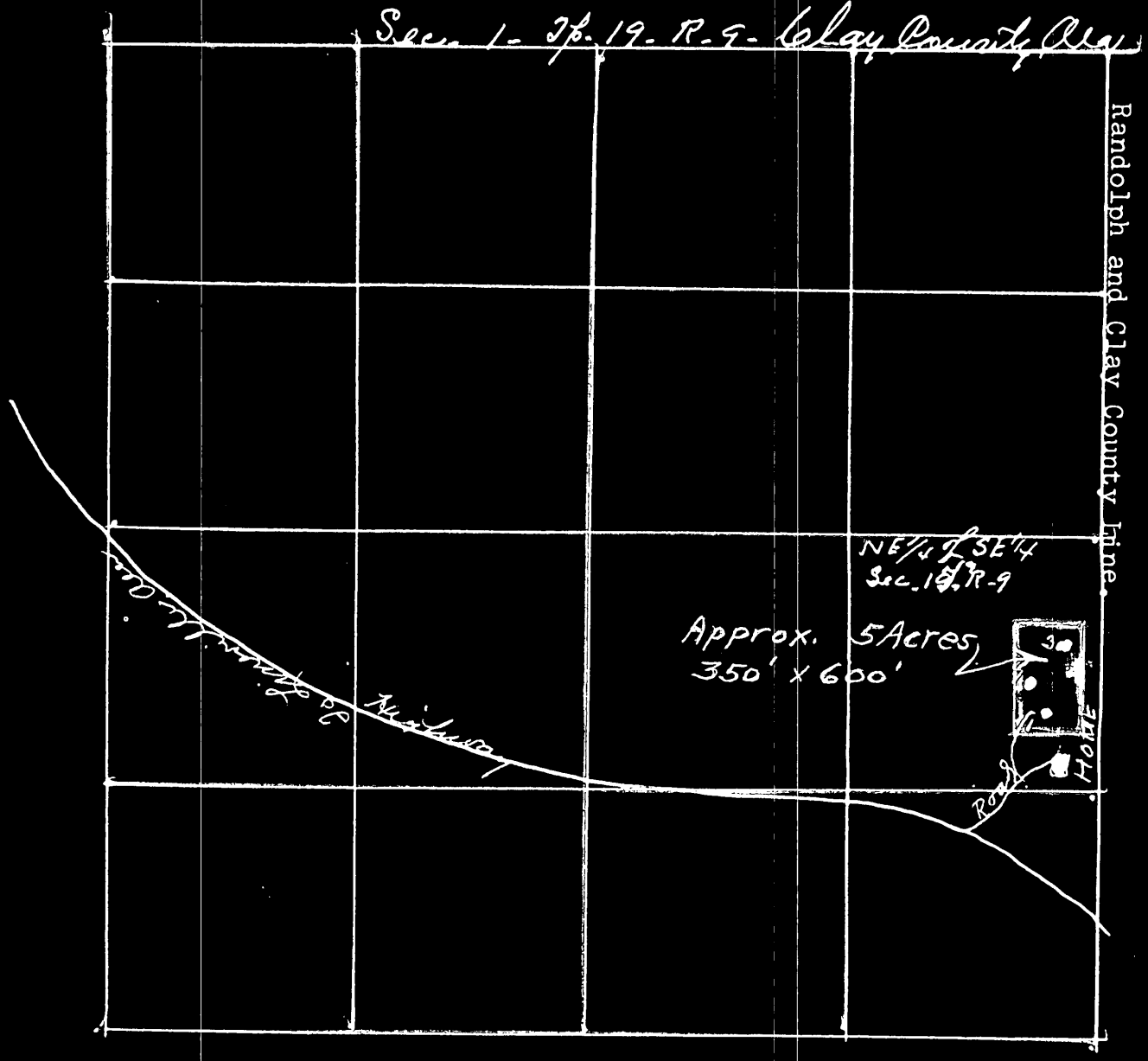
MAP NO. 2

SKETCH

Location Plat

Fletcher Smith Prospects

Sec. 1- T. 19- R. 9- Clay County Ala.



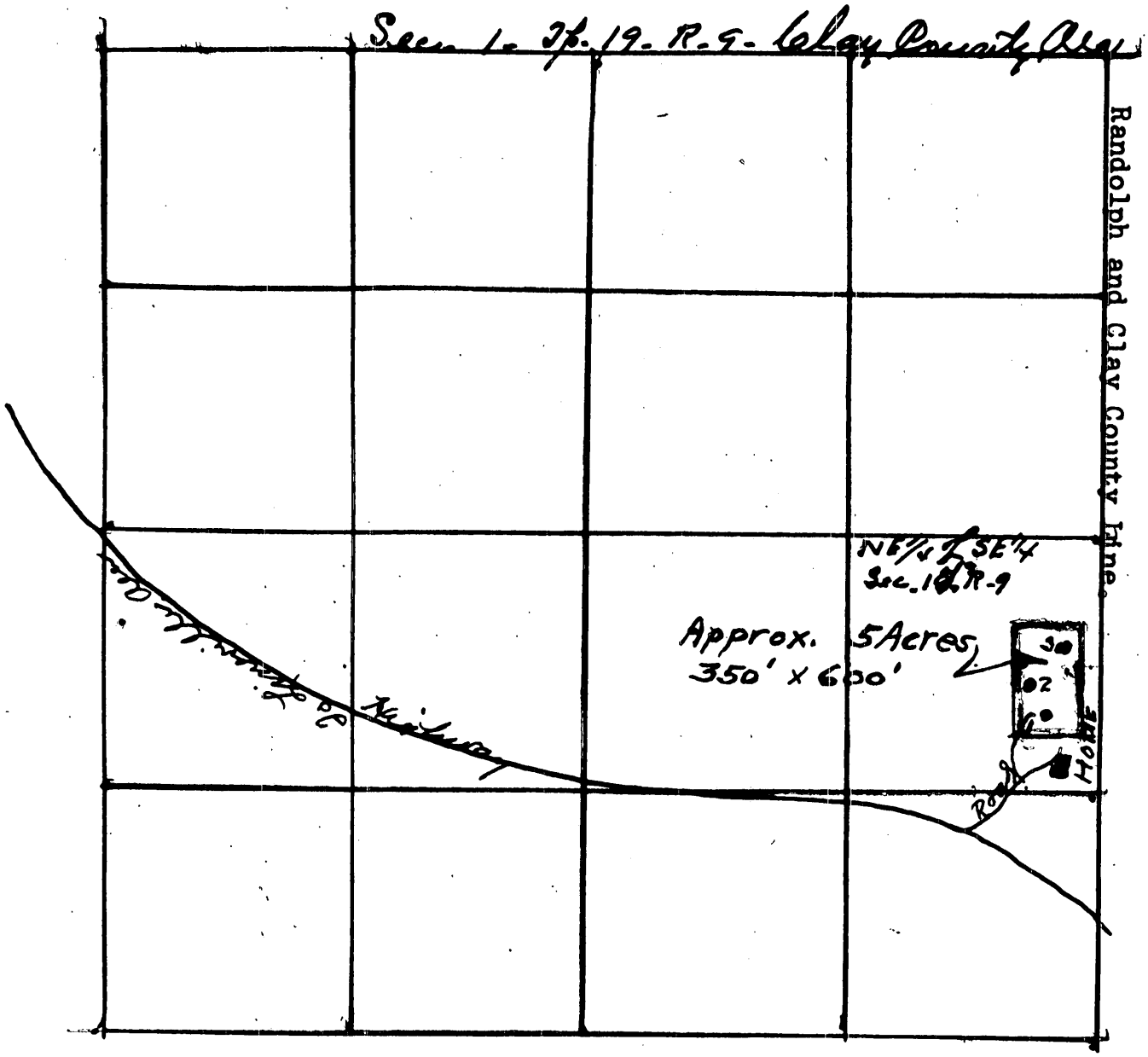
DMGA 3046

MAP No. 2

SKETCH

Location Plat

Fletcher Smith Prospects



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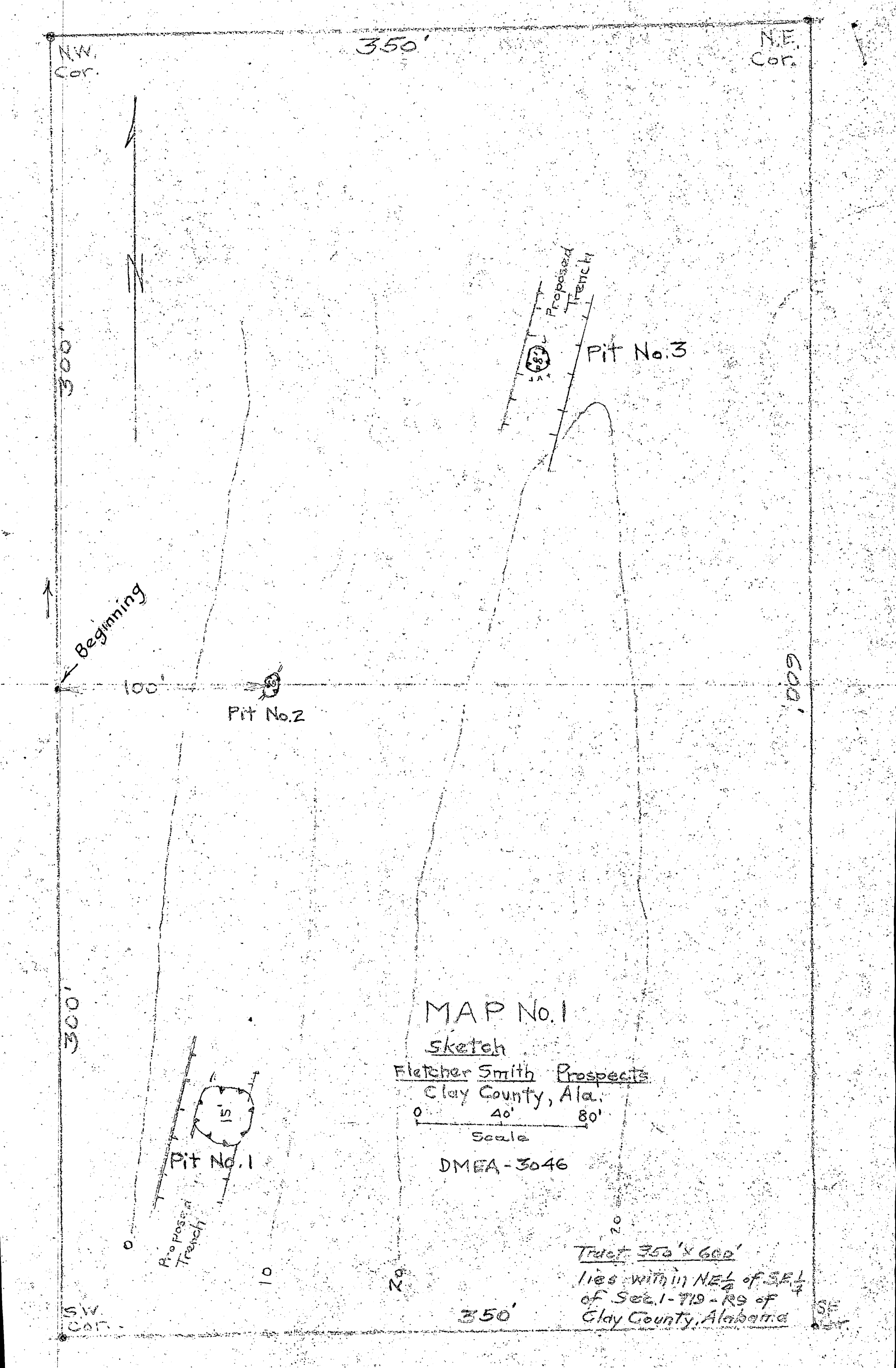


MAP No. 1

Sketch

Fletcher Smith Prospects

Clay County, Ala.

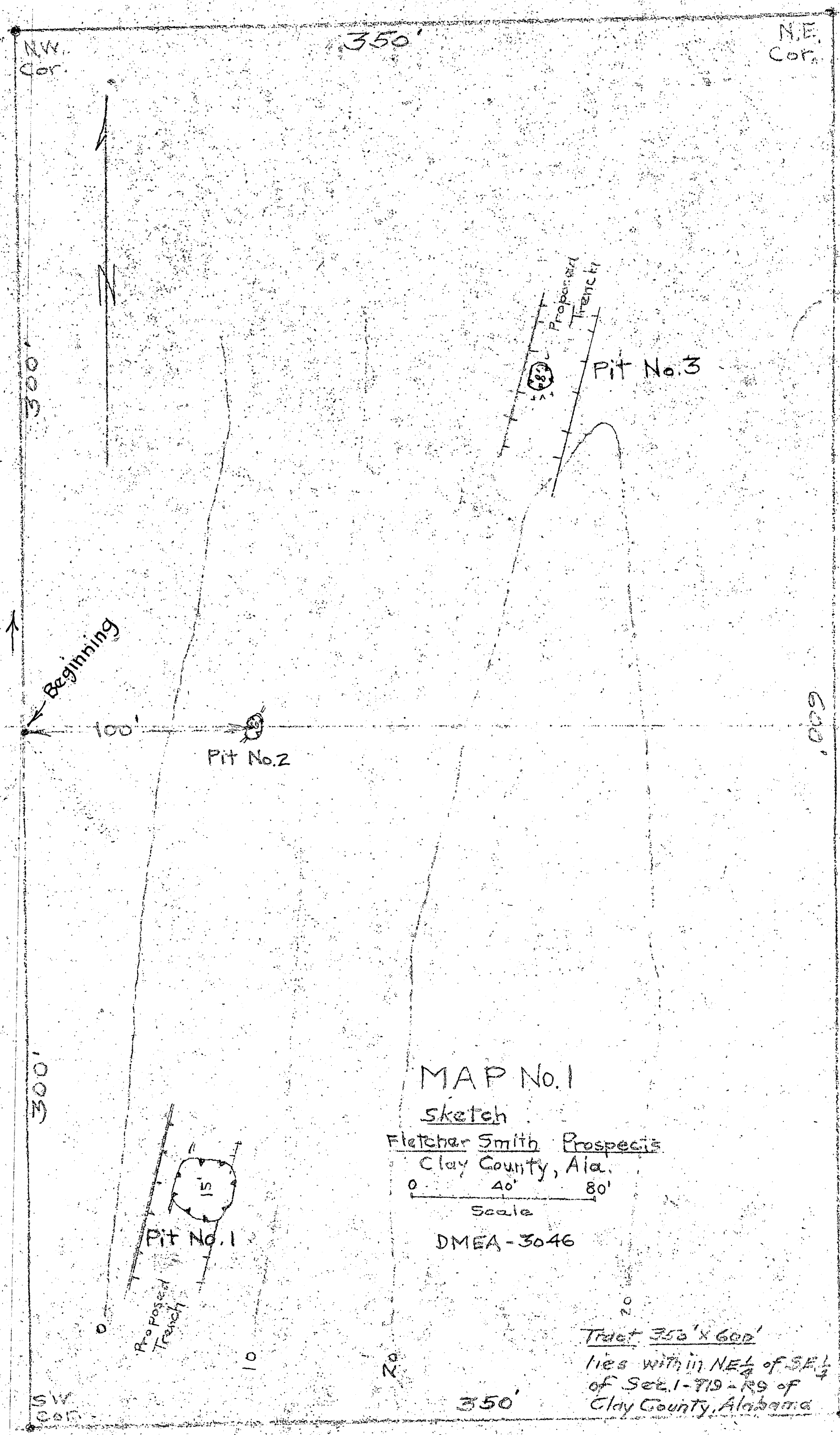
0 40' 80'

Scale

DMEA-3046

Tract 350' x 600'

lies within NE¼ of SE¼ of Sec. 1-T19-R9 of Clay County, Alabama



MAP No.1

Sketch

Fletcher Smith Prospects

Clay County, Ala.

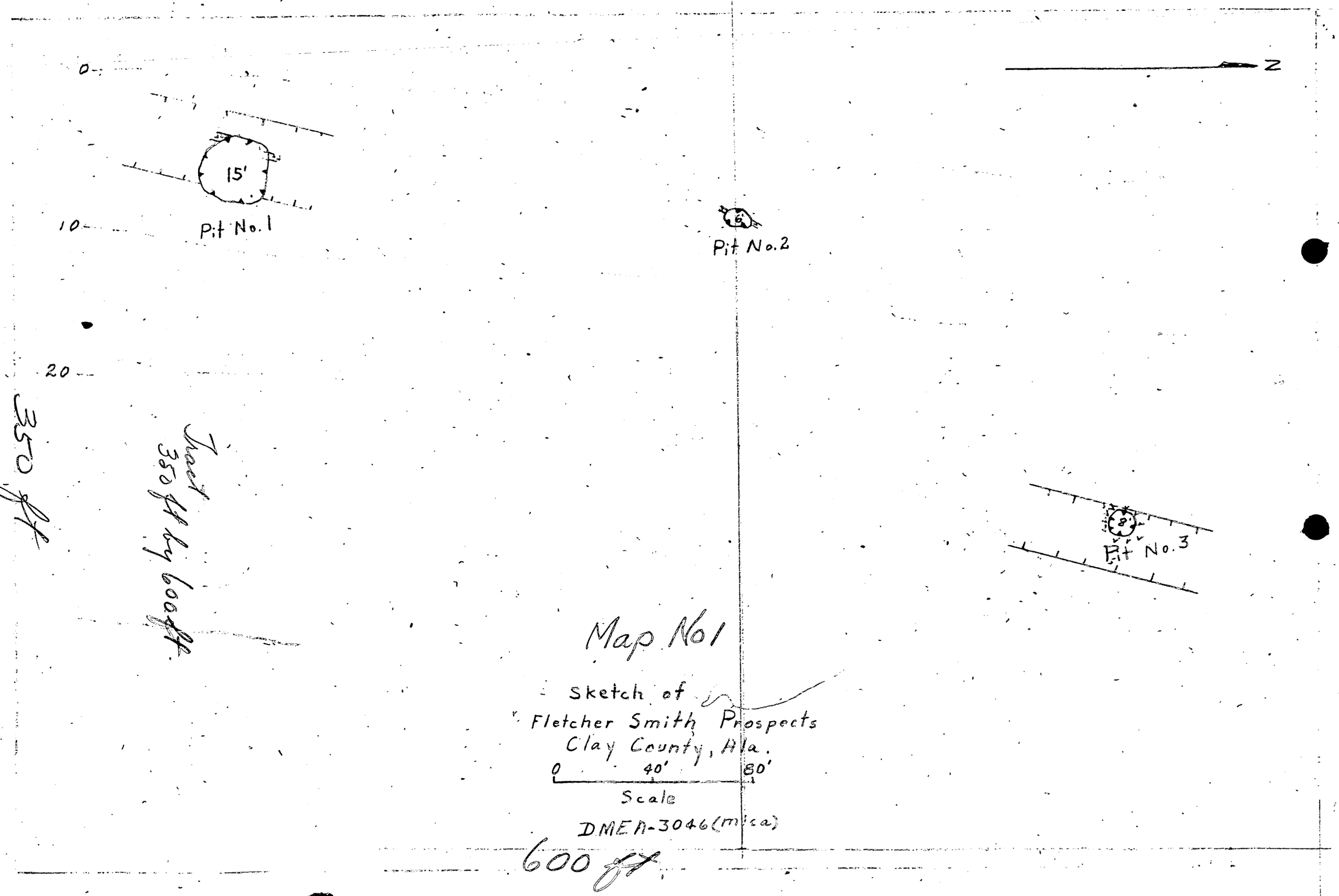
0 40' 80'

Scale

DMEA-3046

Tract 350' x 600'

lies within NE¼ of SE¼ of Sec.1-T19-R9 of Clay County, Alabama


0
10
20
15'
Pit No. 1
Pit No. 2
Pit No. 3
N
Tract 350 ft by 600 ft.
350 ft
600 ft
Map No 1
Sketch of
Fletcher Smith Prospects
Clay County, Ala.
0
40'
80'
Scale
DMEM-3046(mica)

DMEA 3046

DMEA 3046

WASHINGTON 25, D. C.

OFFICIAL BUSINESS

1953 TENN

Mr. George C. Selfridge, Chairman
Operating Committee, D M E A
Dept. of the Interior
Washington 25, D. C.