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

DOCKET COPY
Surname:
Hopkins
Hoak
Nelson
Lamont
Selfridge

Mr. Warren Davis
Route #1
Casar, North Carolina

Re: Docket No. DMEA-4377-mica
Warren Davis
Davis Property
Cleveland County, North Carolina

Dear Mr. Davis:

Your application for aid for an exploration project and other reports available to us in Washington relating to the subject property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information indicates to us that the probability of disclosing significant reserves of mica is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

JHopkins:ms 8/23/56
Copy to: Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Admr. R. File

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

August 29, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4377 (mica)

Applicant: Warren Davis

Name and Location of Property: Davis Property, Cleveland County, N. C.

Date of Field Team Report: 8/8/56

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 8/21/56

Field Team Recommendation: Recommend denial of this application.

Comments:

1. The most favorable location is adjacent to the property line.

2. Geological factors show that this deposit is unlikely to produce any sizable quantities of strategic mica.

Recommendation:

I concur with the field team's recommendation for denial.

W. F. Dietrich

W. F. Dietrich

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

August 23, 1956

Memorandum

To: Mr. C. O. Mittendorf, Administrator

From: Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Subject: A denial of exploration assistance and Summary Report

By: James Hopkins

1. Docket No. DMEA-4377-mica
Property: Warren Davis
Cleveland County, North Carolina
Applicant: Warren Davis
Casar, North Carolina
Application dated:
July 2, 1956
Proposes:
no definite proposal
No contract - application denied.

2. Comments:

Recent work by the applicant has revealed a pegmatite containing a small amount of strategic muscovite. The most favorable part of the pegmatite is adjacent to a property line.

Mica:

The mica is ruby colored, flat, hard and clear. It is sparse and small in size but of rather good quality. Most is somewhat clay stained and is in relatively thin books.

Pegmatite:

A discordant pegmatite 1.5 to 4 feet thick is exposed for 25 feet in the bottom of a trench 35 feet long, 8 feet wide and a maximum depth of 5 feet.

It consists of potash feldspar, quartz, plagioclase, biotite and muscovite. No zoning is apparent.

Its position suggests it was emplaced along a joint fracture.

Along the strike to the north the body thins.

Recommendation:

The Field Team recommends denial for the following reasons:

1. proximity to property line
2. relatively thin pegmatite
3. small amount of muscovite which is small in size and thin in books
4. unfavorable mineralogy of the body(dominance

Recommendation: (continued)

of potash feldspar over plagioclase and the presence of considerable biotite).

The Nonmetallic Minerals Division and the Commodity Members of the Geological Survey and Bureau of Mines concur in the denial.

James Hopkins
Nonmetallic Minerals Division

IN REPLY REFER TO:

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

August 21, 1956

Re: DMEA 4377
Warren Davis
Davis property
Cleveland Co., N. C.
Mica

Memorandum

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

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

Subject: Review of Field Team report.

In a very brief and inadequate application a request was made, presumedly for assistance in exploring a pegmatite.

The examiners found a trench 35 feet long, 8 feet wide and up to 5 feet deep had disclosed a pegmatite from 1 to 4 feet wide.

The pegmatite carries sparse muscovite in small and thin books. Such as there is is of good quality.

The examiners and the Field Team recommend that the application be denied. I concur with the recommendation.

N. E. Nelson

N. E. Nelson

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

August 17, 1956

Memorandum

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

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

Subject: Field Examination Report - DMEA-4377 (mica)
Warren Davis, Casar, North Carolina
Davis Property, Cleveland County, North Carolina

Enclosed are original and three copies of the subject report. Denial is recommended.

Robert A. Laurence
Robert A. Laurence
Executive Officer

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

Enclosures 4

Reviewed by
DMEA OPERATING COMMITTEE
8-22-56
(date)

RECEIVED
AUG 20 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD EXAMINATION REPORT
REGION V

On

DMEA-4377 (mica) DAVIS PROPERTY
Cleveland County, N. C.

By

S. C. Bergman and Dewey H. Amos
Geologists
U. S. Geological Survey

DMEA OPEN FILE CENTRAL
8-22-56
(date)

August 8, 1956

FIELD EXAMINATION REPORT

DMEA-4377 (mica) DAVIS PROPERTY

Applicant: Warren Davis, R#1, Casar, N. C.

Recent work by the applicant has revealed a pegmatite containing a small quantity of strategic muscovite. The most favorable portion of the body is adjacent to a property line It is recommended that the request for exploratory assistance be denied.

Location:

The Davis property is about 300 feet west of Bald Knob Creek and is 1.3 airline miles N 71°E of Casar, Cleveland County, N.C., Access is available to within about 800 feet by an all weather gravel road.

Introduction:

The property was examined August 8, 1956. Mr. Warren Davis accompanied the examiners on the inspection which required about one hour.

A recent trench has exposed a pegmatite discontinuously along its strike for about 25 feet. The trench is 35 feet long, 8 feet wide and has a maximum depth of 5 feet. The long axis of the trench trends in a N 16° E direction.

Geology:

A disconcordant pegmatite 1.5 to 4 feet thick is exposed in the bottom of the trench. It strikes N 16° E and is vertical. The body thins northeastward along its strike and consists of potash feldspar, quartz, plagioclase, biotite and muscovite, in order of abundance. No zoning is apparent other than a slight concentration of potash feldspar and of graphic texture in the central portion of the pegmatite. The foliation and layering of the country rock, feldspathic biotite gneiss, strikes east-west and dips 65° to the south. The disconcordant relationship and lack of evidence of faulting suggests the pegmatite was emplaced along a joint fracture.

The muscovite is ruby colored, flat, hard and clear. It is sparse and small in size but of rather good quality. Most is somewhat clay stained and is in relatively thin books.

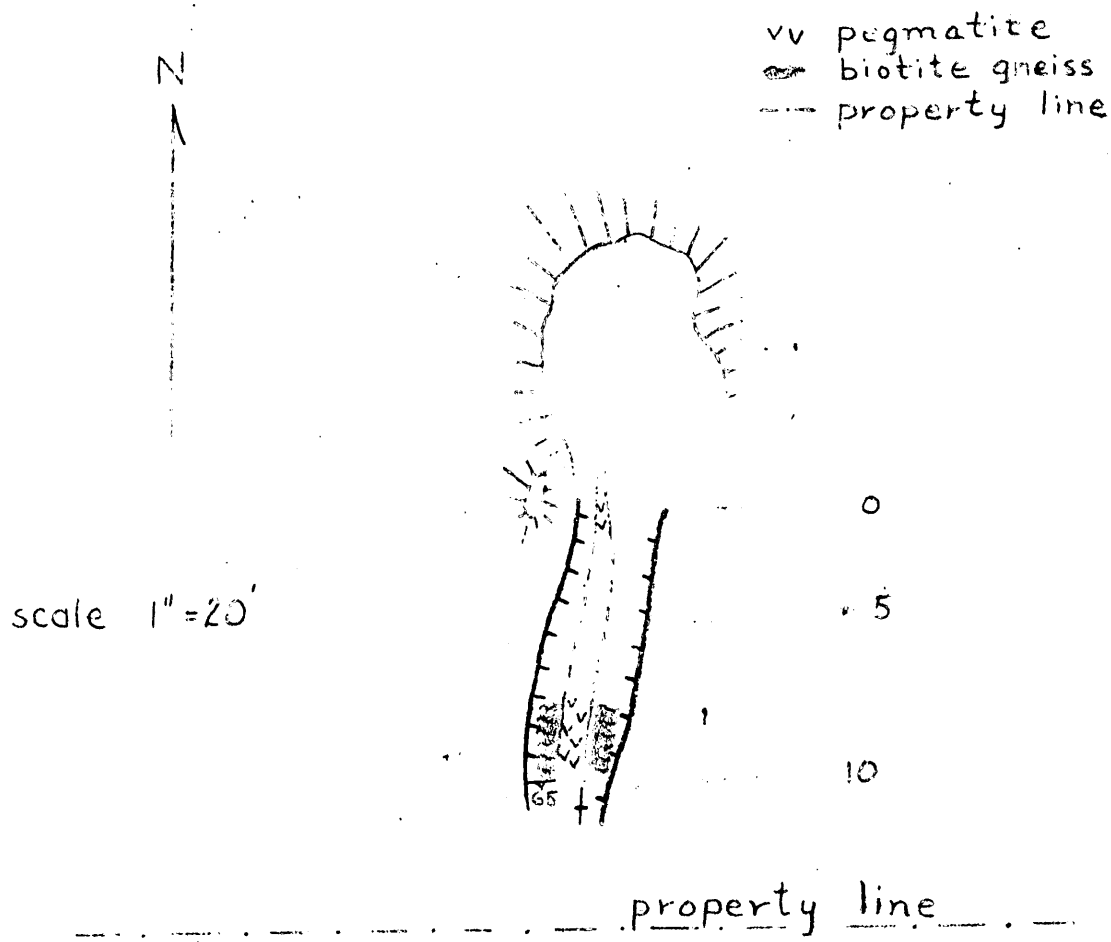
The southernmost exposure of pegmatite, also where it is the thickest, is only 18 feet from a property line. Along strike to the northeast the body thins.

Recommendation

It is recommended that the application for exploration assistance be denied because of - (1) proximity to property line, (2) relatively thin pegmatite, (3) small amount of muscovite which is small in size and in thin books, and, (4) unfavorable mineralogy of the body (dominance of potash feldspar over plagioclase and the presence of considerable biotite).

S. C. Bergman & D. H. Amos,
Geologists, Geological Survey

z



DAVIS PROSPECT

CLEVELAND CO., N.C.

DMEA-4377

8-8-56 DEA.

Docket Copy
Surname:

Opie
Nelson
Selfridge
FEJohnson

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

JUL 27 1956

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

Re: Docket No. DMEA-4377 - Mica
Warren Davis
Davis Property
Cleveland County, North Carolina

Dear Mr. Laurence:

The attached application is quite inadequate, but it is doubtful if any substantial information would be obtained by writing to the applicant. We are, therefore, referring it to you with the suggestion that you contact the applicant and arrange for a field examination, if you deem necessary, when one of your field men is in the vicinity of the applicant's property.

Copies of memoranda, dated July 16 and 18, 1956, by Mr. T. H. Kiilsgaard, USGS, and Mr. W. F. Dietrick, USBM, respectively, relating to the project are enclosed.

If the examiners determine that exploration of the property is warranted, they should request the applicant to furnish a legal description of his property and a subordination agreement covering his mortgage from the Federal Housing Administration. It should also be determined whether or not the applicant owns the mineral rights to the property.

Sincerely yours,

George C. Selfridge (by esf)
Chairman, Operating Committee

Approved:
P. F. Yopes (by esf)
Member, Bureau of Mines
N. E. Nelson
N. E. Nelson (by esf)
Member, Geological Survey

Enclosures 4

FEJohnson:JHopkins:gad 7/25/56
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Hopkins

R.C.L.

DOCKET COPY
Surname: Hopkins Houck

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

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

Re: Docket No. DMEA-4377-mica
Warren Davis
Davis Property
Cleveland 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 July 16 and 18, 1956, by Mr. T. H. Kiilsgaard, USGS, and Mr. W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

If the examiners determine that exploration of the property is warranted, they should request the applicant to furnish a legal description of his property and a subordination agreement covering his mortgage from the Federal Housing Administration.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

P. F. Yopes

Member, Bureau of Mines

N. E. Nelson

Member, Geological Survey

Enclosures: 4

JHopkins:ms 7/24/56
Copy to: Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Admr. R. File

DOCKET COPY
Surname:

Hopkins
Hark
Nelson
Yopes
Selfridge
Fitzsimmons

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

JUL 27 1956

Mr. Warren Davis
Route #1
Casar, North Carolina

Re: Docket No. DMEA-4377-mica
Warren Davis
Davis Property
Cleveland County, North Carolina

Dear Mr. Davis:

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

JHopkins:ms 7/24/56
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.

July 18, 1956

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

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

Subject: DMEA-4377 (mica)

Applicant: W. Davis

Name and Location of Property: _____, Cleveland County, N. C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 7/11/56

Comments:

1. The application, as submitted by the applicant, is inadequate to determine the location of the property, geologic features, proposed exploration, or amount desired to conduct exploration.

Recommendation:

It is recommended that additional information on location of property and proposed plan of exploration be obtained from applicant.

W. F. Dietrich

W. F. Dietrich

RECEIVED
JUL 19 1956

IN REPLY REFER TO:

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

RECEIVED
JUL 16 1956

July 16, 1956

Memorandum

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

From: T. H. Kiilsgaard, U. S. Geological Survey

Subject: Review of application, DMEA Docket 4377 (mica), Warren Davis property, Casar, North Carolina

The cited application is so brief and inconclusive that it does not warrant review. It should be returned to the applicant along with a letter informing him of additional information that is needed. The application should be held in abeyance until the requested information is received.

T. H. Kiilsgaard

T. H. Kiilsgaard

July 11, 1956

Mr. Warren Davis
Route #1,
Casar, North Carolina

Subject: DMEA-4377
Re: Exploration Assistance

Dear Mr. Davis

The receipt of your application dated July 2, 1956 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4377 and referred to the Nonmetallic Mineral Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

July 11, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region V

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 V.

DMEA
- 4377 Warren Davis

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

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
JUL 11 1956

JUL 5 1956

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. 4377.
Metal or Mineral Mica
Date Received 7-11-56
Estimated Cost Not given
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: WARREN DAVIS
R-1
CASAR, 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 6.9 [illegible] acres belonging to Mr. [illegible] Cleveland County [illegible]

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise [illegible] of land

(*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 [illegible]

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

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.

(*c*) The work will start within 90 days and be completed within 120 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?

☐ 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 July 2, 1956

[illegible]
(Applicant)

By

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

RECEIVED
JUL 11 1956

JUL 5 1956

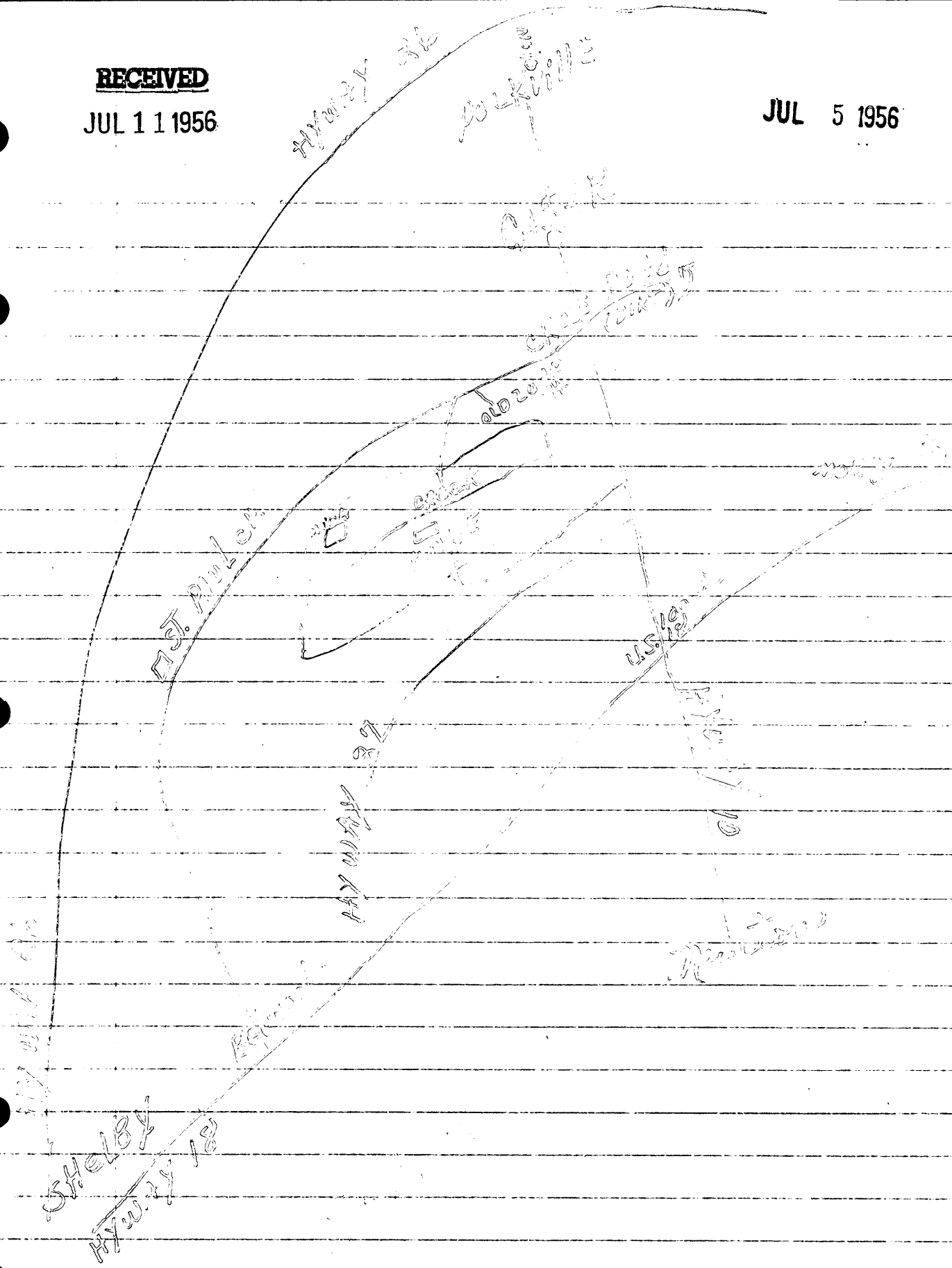
4. a) [illegible] to finish spray surface [illegible] wire aluminum
b) $40.00 per yard
c) 1.00 per hr
d) [illegible] machine [illegible] will be [illegible] for A
e) The cost of [illegible] A will be approx $550.00 [illegible]
f) It is not expected to cost more than $300.00 if per is increased
(b) Tool will be taken care of in (A).

10. Yes
(b) Work

[illegible]

RECEIVED
JUL 1 1 1956

JUL 5 1956



Government Messenger Envelope

Form No. 65 (Rev. 1/46)

1. Use blocks consecutively, one at a time.
2. Void previous block.
3. Write clearly.

NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM		NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM	
[illegible] 5212 [illegible]	RUN / STOP		RUN / STOP
	RUN / STOP		RUN / STOP
[illegible] C. [illegible] 4225 [illegible] Bldg	RUN / STOP		RUN / STOP
[illegible] Rom. 5212 [illegible] Bldg	RUN / STOP		RUN / STOP
[illegible] 4214	RUN / STOP		RUN / STOP
[illegible] Pannell 30 Interior	RUN / STOP		RUN / STOP
[illegible] 4444, Interior	RUN / STOP		RUN / STOP
	RUN / STOP		RUN / STOP
	RUN / STOP		RUN / STOP
	RUN / STOP		RUN / STOP

Use envelopes to [illegible]om for reissue.

Use other side

16—38949a-2

Use RUN and STOP only when messenger service between Government buildings in Washington is required.
Your mail room has RUN and STOP information.