DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 4161

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

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.

Cys. BM,GS

Routing Slip

To:	700	Date	2/8/56
To:	Mr. Mittendorf	Date	2-14-56
To:	Mr. Mittendorf	Date	3-21-56
To:	"	Date	8-13-56
To:	Mr. Johnson	Date	8-17-56
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
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To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

Surname copy

700

Murphy
Ellis
JEFleming

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

AUG 20 1956

Mr. Cumba A. McWhorter
Post Office Box 1014
Arcadia, Florida

Re: Docket No. DMEA-4161 (Uranium-Thorium)
Land tracts in secs. 21-22, T. 36 S.,
R. 25 E.
DeSoto County, Florida

Dear Mr. McWhorter:

This is with reference to our letters of February 15 and March 21, your letter of March 24, and our letter of July 5, 1956, requesting additional information needed to process the subject application.

As we have not received the information which is required to process this application, we are considering your application as having been withdrawn and are placing it in our inactive files.

We regret the necessity of taking such action, however, it is taken without prejudice to your proposed project. If at some future time you desire to reopen this case, you may do so by filing a new application, referring to the subject application by the DMEA docket number, and furnishing the information previously requested, together with any other information that you think might be helpful.

Sincerely yours,

C. O. Mittendorf

Administrator

FMMurphy/gla
(8-14-56) 8-17-56
cc to: Admr.'s Reading File
Docket
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JCHosted, Rm. 3210, GSA
Code 700, Mr. Murphy
DMEA Field Team, Region V (2)

6

700

Surname copy

Murphy
Ellis
Mottendorf

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

JUL 5 - 1956

Mr. Cumba A. McWhorter
Post Office Box 1014
Arcadia, Florida

Re: Docket No. DMEA-4161 (Uranium-Thorium)
Land tracts in secs. 21-22, T. 36 S., R. 25 E.
DeSoto County, Florida

Dear Mr. McWhorter:

Reference is made to our letters of February 15 and March 21, and your reply of March 24, 1956, relating to the captioned docket.

Inasmuch as we have not received the information which is required to process this application, we assume that you no longer desire to proceed with the application. We wish to cooperate with you in the matter of allowing ample time, but if the needed data have not been received within thirty days from the date of this letter, we will then consider the docket closed.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/ai
7-5-56
cc to: Docket
Code 700 Mr. Murphy
Admr. Reading File
DMEA Field Team, Region V (2)
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

R.C.K.

3/26/56

RECEIVED

MAR 26 1956

R. E. BROWN
ATTORNEY AND COUNSELLOR AT LAW
ARCADIA, FLORIDA

March 24th, 1956.

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

Re: Docket No. DMEA-4161 (Uranium-Thorium) Land tracts in Secs. 21-22, T. 36 S., R. 25 E. DeSoto County, Florida.

Attention Mr. Ernest Wm Ellis, Chief
Rare and Miscellaneous Metals Division.

Gentlemen:

This will acknowledge receipt of yours of the 21st, Inst.

I have heretofore and am continuously set to expense in connection with this matter to the end of success in reaping a benefit, and certainly I am interested in the processing of my application.

The obtaining of samples, and having them analyzed will unavoidably take time. There is no machines, such as generally used for obtaining samples here, nor are substituted machines that could be used available at this time; therefore, I am set to disadvantage.

As soon as possible I shall obtain samples and send them to the labratory to be analyzed and assayed for radio active material for your information and purposes.

The additional map requested in your letter of the 15th, Ultimo has heretofore been sent to the Department.

I trust this letter gives you the desired information.

Very truly yours,

Cumba A. McWhorter

Cumba A. McWhorter,
P. O. Box 1014,
Arcadia, Florida.

McW/B

2 Thermfax copies made and sent to
Region V without covering letter.
3/27/56 FMMurphy/gla

700

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

FILE COPY
Surname:
FMMurphy
Wadsworth

MAR 21 1956

Mr. Cumba A. McWhorter
Post Office Box 1014
Arcadia, Florida

Re: Docket No. DMEA-4161 (Uranium--Thorium)
Land tracts in secs. 21-22, T. 36 S.,
R. 25 E.
DeSoto County, Florida

Dear Mr. McWhorter:

Reference is made to our letter dated February 15, 1956, relating to the captioned docket.

Action on your application is pending receipt of the information requested in above-mentioned letter. If you are no longer interested in the processing of this application, please advise us.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/izm 3-21-56
cc to: Docket
Code 700 Mr. Murphy
Admr.'s Reading File
DMEA Field Team, Region V (2)
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

R.G.B.

2-15-56 [illegible]

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

RECEIVED
FEB 15 1956

February 15, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4445

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: Application for assistance, DMEA Docket 4161, Cumby A. McWhorter, De Soto County, Florida

I have reviewed the attached application for assistance, DMEA Docket 4161, Cumby A. McWhorter, De Soto County, Florida, dated February 6, 1956, and received in this office February 10. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The applicant wishes to explore for uranium on his property in De Soto County, Fla.; however, there is no evidence submitted to indicate the presence of uranium or thorium minerals on the 35 acres included in the proposal. It was stated that a geologic map describing areas of radioactive mineralization was attached to the application, but no such map was made available to us.

There has been no attempt made to explain the proposed exploration project. Apparently the applicant is desirous of drilling the land for purely prospecting purposes. It has been mentioned that work would be started within 30 days of the execution of the contract and would be completed within two years. Total cost of the non-detailed project has been estimated at $27,512.

The area in which the applicant is contemplating prospecting is one in which only low-grade deposits of uranium in association with naturally occurring phosphates have been found. There is no reason to believe that minable deposits of uranium exist in De Soto County. We recommend that the application for assistance be denied.

John E. Crawford
John E. Crawford

Attachment

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

RECEIVED
FEB 15 1956

February 15, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4445

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Uranium Commodity Committee

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John E. Crawford

Attachment

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

RECEIVED
FEB 15 1956

February 15, 1956

Memorandum

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Uranium Commodity Committee, Room 4445

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Uranium Commodity Committee

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John E. Crawford

Attachment

700

FILE COPY
Surname:
Murphy
Middleton

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

FEB 15 1956

Mr. Cumba A. McWhorter
Post Office Box 1014
Arcadia, Florida

Re: Docket No. DMEA-4161 (Uranium - Thorium)
Land tracts in secs. 21-22, T. 36 S.,
R. 25 E.
DeSoto County, Florida

Dear Mr. McWhorter:

The above-docketed application for Government aid in exploring a 5-acre tract in section 21 and a 30-acre tract in section 22 has been reviewed by this Division.

The subject tracts appear to be situated in the Florida phosphate field, from which minor amounts of uranium have been produced as a by-product in treating phosphate ores.

Information available to this office relating to the anomaly areas shown on the USGS-Geophysical Investigations, Map GP-122, indicate the anomalies are weak, and are probably due to large masses of very low-grade radioactive material. Moreover, the tracts of land mentioned in your application are quite distant from any of the anomaly areas shown on the map.

However, it is possible that concentrations of uranium and thorium, although not indicated by the aerial geophysical survey, may exist on your property. Therefore, it is suggested that you procure samples of the inferred uranium and thorium bearing material on your property and have them analyzed for these minerals.

It is also suggested that you submit a map or sketch showing the areas you wish to explore and their relation to the railroad and highways. The map should be on a larger scale than the one submitted. On this map show the location where the samples were procured and also the assay values.

In accordance with your request, we are returning herewith the one copy of Map GP-122, submitted with your application. We are also enclosing a list of U. S. Bureau of Mines laboratories which test samples for radioactivity.

Upon receipt of the above-suggested additional information, we will promptly continue to process your application.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous Metals Division

Enclosures

FWMurphy/izm 2-14-56
Copy to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
DMEA Field Team, Region V (2)
Messrs. JECrawford, Rm. 3641
THKilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

February 8, 1956
Subject: DMEA-4161
Re: Exploration Assistance
McWhorter Property

Mr. Cumba A. McWhorter
P. O. Box 1014
Arcadia, Florida

My dear Mr. McWhorter:

The receipt of your application dated January 31, 1956, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4161 and referred to the Rare & Misc. Metals 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

February 8, 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 - 4161 Cumba A. McWhorter

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

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

February 3, 1956

Memorandum

To: Operating Committee - DMEA - Washington 25, D. C.

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

Subject: Application from Cumby A. McWhorter, Arcadia, Florida
McWhorter property, DeSoto County, Florida (Uranium-Thorium)

Enclosed are three copies of the subject application received in this office today. The fourth copy is being kept for our use.

Please note that the applicant wants the large map returned. This map (USGS-Geophysical investigations, Map GP-122) has been published; therefore we suggest returning it immediately and replacing it with a copy obtained from the Geological Survey.

Information from the Florida offices of both the Geological Survey and the Atomic Energy Commission suggests that the applicant has no knowledge of geology or mining, and probably could not supervise an exploration project competently.

The proposal for core drilling to explore such weak anomalies (none of which occurs on the applicant's property), in an area as well known as the Florida phosphate field, without any surface work or sample data, is difficult to justify, in our opinion.

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

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

Enclosures 5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1[illegible] POST OFFICE BLDG.
WASHINGTON 25, D. C.
KNOXVILLE 2, TENN.

February 3, 1956

Memorandum

To: Operating Committee - DMEA - Washington 25, D. C.

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

Subject: Application from Cumby A. McWhorter, Arcadia, Florida
McWhorter property, DeSoto County, Florida (Uranium-Thorium)

Enclosed are three copies of the subject application received in this office today. The fourth copy is being kept for our use.

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

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

RAL/mg
Enclosures 5
cc - Operating Committee
Mr. V. J. Lynch
Files
Mr. Emerick

See Exhibits "A" and "B" in response hereto, attached hereto, and made a part hereof. Also maps enclosed herewith.

Crawford

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
FEB - 6 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. DMEA-4161
Metal or Mineral Uranium-Thorium
Date Received 2-6-56
Estimated Cost $27,512.00
Participation (Government %) _____

INSTRUCTIONS

2/10

RECEIVED
FEB 3 - 1956
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

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: _____

(*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 _____

(*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 _____

(*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 _____

(*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.*—State the mineral or minerals for which you wish to explore .....

.....

(*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 ..... days and be completed within ..... months from the date of an exploration project contract.

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

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?

[XX] Money [X] Use of equipment owned by you [X] Other sources of income

Explain in detail on acompanying paper. See Exhibit "D" attached to these papers and made apart hereof.

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 January 31st, 1956.

Cumby A. McWhorter
(Applicant)

By Cumba A. McWhorter

P. O. Box 1014,

Arcadia, Florida.

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

EXHIBIT "A"

The undersigned applicant hereby attaches to the foregoing list of Instructions, full and complete answers thereto, successively numbered as in the instruction form provided as Exhibits "A" and "B", respectively, and hereby makes the same apart thereof as if written therein in haec verba.

1.

(a). Cumba A. McWhorter, P. O. Box 1014, Arcadia, Florida.

(b). Only as an individual, personally.

(c). Is not a corporation.

(d). Is not a partnership.

2. Complied with.

3.

(a). The legal description of the land upon which I wish to explore is situate, lying and being in the County of DeSoto and State of Florida, and is particularly described as follows, to-wit:

> 6 acres in and on the east side of the SE¼ of the SE¼ of Section 21 in Township 36 South, Range 25 East, less and except the A. C. L. R. R. Company's Right-of-way, containing 5 acres.
>
> Also the SW¼ of the NW¼, less and except 7 acres in the SE corner thereof, and less and except the A. C. L. RR Company's right of-way, in Section 22 in Township 36 South, Range 25 East, containing 30 acres.

This 35 acres includes all the land that I own, possess or control that may be benefited by the exploration, and excludes any land or interest in land which is not to be included in the exploration project contract.

(b). None.

(c). Owner in fee simple.

(d). Owner as aforesaid.

(e). There is no lease or encumbrance on the land.

(f). The land does not consist of unpatented claim or claims.

4.

(a). None. The lands are accessible for mine workings, for examinations purposes to hardsurfaced state highway No. 17, and to A. C. L. RR Company's right-of-way, and to its railroad station within 3/4 mile north of the land.

(b). None.

(c). The geologic features of the property are shown by the enclosed large map and include mineralization or deposit of Radeo active metal including Uranium and Thorium. I do not know type of deposit whether vein, bedded, etc.. This, of course, is subject to examination and research for ascertainment.

My reasons for wishing to explore are:

(1). Because I own the land, and it is conveniently located.

(2). Because the enclosed large map of the Geoligest indicates and leads me to believe the land contains Uranium and Thorium. Moreover the land may contain other valuable minerals desired by the Government. I enclose a small map that may be of interest. Please return the enclosed large map to the applicant.

(d). The lands and project are accessible to the hardsurfaced, paved State highway No. 17, and the distance to the RR station, shipping point is within 3/4 mile, and supplies may be shipped to said station for delivery or to the U. S. Post Office there. There are afew scattering residences on lands near by, at varying distances from the project.

(e). All of these items, except drilling equipment are available.

5.

(a). The minerals for which I wish to explore are principally Unranium and Thorium, and any other minerals that may be found that are desired by the Government.

(b). The purpose of the proposed work is to discover the minerals contained in the soil or lands. I have no map or sketch of the property showing any present mine workings. There is no mine workings on the land or proposed project at this time, and none near by.. I do not know, nor will I learn the location of the proposed exploration work as as related to such features as contacts, veins, ore-bearing beds, etc. until these matters are learned from the prosecution of the work on the lands.

(c). The work will be started within 30 days and be completed within 24 months from the date of an exploration project contract.

(d). I have had no operating experience in matters of this nature or kind, but I am an experienced workman, laborer and mechanic, and I have the ability to carry out such exploration project. At present I have no person or persons who will supervise the operations, but if it becomes necessary I shall obtain such assistance, or other assistance in so far as needed or necessary in all respects in accomplishing the purposes contemplated and sought to the end desired

EXHIBIT "B" - Attached to the above and made apart thereof.

6.

(a), None.

(b).

(1). Two employes, laborers @ $1.50 per hour, per year, ----------	$5,760.00	
(2). One Drill Operator @ $2.50 an hour, or $20.00 a day, 5 days a week $100.00 a week, 52 weeks a year	5,200.00	
(3). Supervision Engineering and Geological consultants,---------	2,000.00	
		$12,960.00

(c).

(1). Plenty of water supply on land,	.00	
(2). Pump and pipe for water supply,- to drill, ----------	250.00	
(3). Gas and oil, per year,, --------	1,200.00	
(4). For power see Par. (f) below and Par. (g) for contingencies, -----	.00	
		1,450.00

(d).- Purchase price for Core Drill and rig, ----------	6,000.00-	6,000.00
Also Geiger Counter owned and which will be furnished by the operator.		

(e). - No building on the land.

(f). Will need new building for office and storage of equipment and supplies including installations to be purchased and installed and for testing core samples,--------	3,000.00 -	3,000.00

(g).

(1). For maintenance of operating equipment, approximately, 1 Year,-	1,000.00	
(2). Analytical work, -	200.00	
(3). Book-keeping and accounting by operator who is an experienced accountant and book-keeper, -	1,500.00	
(4). Employers Liability Insurance covering workmen and operator for one year on $5,000.00 pay roll.-Policy in United States Fidelity and Guaranty Company of Baltimore,----------	252.00	
(5). Pay Roll taxes, approximately,	650.00	3,602.00

(h). Necessary contingencies not included in the costs stated above, such as tools, supplies, breakage, etc., ----------	500.00 -	500.00
	Total, --	27,512.00

EXHABIT "C" attached hereto and hereby made apart hereof.

EXHABIT "C".

6.

(a). None,	$	.00
(b).		12,960.00
(c).		1,450.00
(d).		6,000.00
(e).		.00
(f).		3,000.00
(g).		3,602.00
(h).		500.00
Total,		27,512.00

EXHIBIT "D".

7.

(a). Yes.

(b). I propose to furnish my share of the cost in available money, the use of the equipment owned by me, and with other sources of my income.

Cumba A. McWhorter
Applicant

Cumba A. McWhorter,
P. O. Box 1014,
Arcadia, Florida.

"C" and "D"

See Exhibits "A" and "B" in response hereto, attached hereto. and made a part hereof. Also map enclosed herewith.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
FEB - 6 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. DMEA-4161
Metal or Mineral Uranium - Thorium
Date Received 2-6-56
Estimated Cost $27,512.00
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: .....

RECEIVED
FEB 3 - 1956
U. S. Geologic Division
Knoxville, Tenn.

(*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 .....

(*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 .....

(*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 .....

(*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 mineral for which you wish to explore .....

.....

(*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 ..... days and be completed within ..... months from the date of an exploration project contract.

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

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 [X] Use of equipment owned by you [X] Other SOURCES of income

Explain in detail on acompanying paper. See Exhibit "D" attached to these papers and made apart hereof.

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 January 31st, 1956.

Cumba A. McWhorter
(Applicant)

By Cumba A. McWhorter

P. O. Box 1014,

Arcadia, Florida.

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

E X H I B I T "A"

The undersigned applicant hereby attaches to the foregoing list of Instructions, full and complete answers thereto, successively numbered as in the instruction form provided as Exhibits "A" and "B", respectively, and hereby makes the same apart thereof as if written therein in haec verba.

1.

(a). Cumba A. McWhorter, P. O. Box 1014, Arcadia, Florida.

(b). Only as an individual, personally.

(c). Is not a corporation.

(d). Is not a partnership.

2. Complied with.

3.

(a). The legal description of the land upon which I wish to explore is situate, lying and being in the County of DeSoto and State of Florida, and is particularly described as follows, to-wit:

> 6 acres in and on the east side of the SE¼ of the SE¼ of Section 21 in Township 36 South, Range 25 East, less and except the A. C. L. R. R. Company's Right-of-way, containing 5 acres.
>
> Also the SW¼ of the NW¼, less and except 7 acres in the SE corner thereof, and less and except the A. C. L. RR Company's right of-way, in Section 22 in Township 36 South, Range 25 East, containing 30 acres.

This 35 acres includes all the land that I own, possess or control that may be benefited by the exploration, and excludes any land or interest in land which is not to be included in the exploration project contract.

(b). None.

(c). Owner in fee simple.

(d). Owner as aforesaid.

(e). There is no lease or encumbrance on the land.

(f). The land does not consist of unpatented claim or claims.

4.

(a). None. The lands are accessible for mine workings, for examinations purposes to hardsurfaced state highway No. 17, and to A. C. L. RR Company's right-of-way, and to its railroad station within 3/4 mile north of the land.

(b). None.

(c). The geologic features of the property are shown by the enclosed large map and include mineralization or deposit of Radeo active metal including Uranium and Thorium.
I do not know type of deposit whether vein, bedded, etc.. This, of course, is subject to examination and research for ascertainment.
My reasons for wishing to explore are:
(1). Because I own the land, and it is conveniently located.
(2). Because the enclosed large map of the Geoligest indicates and leads me to believe the land contains Uranium and Thorium. Moreover the land may contain other valuable minerals desired by the Government.
I enclose a small map that may be of interest.
Please return the enclosed large may to the applicant.

(d). The lands and project are accessible to the hardsurfaced, paved State highway No. 17, and the distance to the RR station, shipping point is within 3/4 mile, and supplies may be shipped to said station for delivery or to the U. S. Post Office there. There are afew scattering residences on lands near by, at varying distances from the project.

(e). All of these items, except drilling equipment are available.

5.

(a). The minerals for which I wish to explore are principally Unranium and Thorium, and any other minerals that may be found that are desired by the Government.

(b). The purpose of the proposed work is to discover the minerals contained in the soil or lands. I have no map or sketch of the property showing any present mine workings. There is no mine workings on the land or proposed project at this time, and none near by.. I do not know, nor will I learn the location of the proposed exploration work as as related to such features as contacts, veins, ore-bearing beds, etc. until these matters are learned from the prosecution of the work on the lands.

(c). The work will be started within 30 days and be completed within 24 months from the date of an exploration project contract.

(d). I have had no operating experience in matters of this nature or kind, but I am an experienced workman, laborer and mechanic, and I have the ability to carry out such exploration project. At present I have no person or persons who will supervise the operations, but if it becomes necessary I shall obtain such assistance, or other assistance in so far as needed or necessary in all respects in accomplishing the purposes contemplated and sought to the end desired

EXHIBIT "B" - Attached to the above and made apart thereof.

6.

(a), None.

(b).		
(1). Two employes, laborers @ $1.50 per hour, per year, ----------	$5,760.00	
(2). One Drill Operator @ $2.50 an hour, or $20.00 a day, 5 days a week $100.00 a week, 52 weeks a year	5,200.00	
(3). Supervision Engineering and Geological consultants,---------	2,000.00	
		$12,960.00
(c).		
(1). Plenty of water supply on land,	.00	
(2). Pump and pipe for water supply,- to drill, ----------	250.00	
(3). Gas and oil, per year,, --------	1,200.00	
(4). For power see Par. (f) below and Par. (g) for contingencies, -----	.00	
		1,450.00
(d).- Purchase price for Core Drill and rig, ----------	6,000.00-	6,000.00
Also Geiger Counter owned and which will be furnished by the operator.		
(e). - No building on the land.		
(f). Will need new building for office and storage of equipment and supplies including installations to be purchased and installed and for testing core samples,--------	3,000.00 -	3,000.00
(g).		
(1). For maintenance of operating equipment, approximately, 1 Year,-	1,000.00	
(2). Analytical work, -	200.00	
(3). Book-keeping and accounting by operator who is an experienced accountant and book-keeper, -	1,500.00	
(4). Employers Liability Insurance covering workmen and operator for one year on $5,000.00 pay roll.-Policy in United States Fidelity and Guaranty Company of Baltimore,----------	252.00	
(5). Pay Roll taxes, approximately,	650.00	3,602.00
(h). Necessary contingencies not included in the costs stated above, such as tools, supplies, breakage, etc., ----------	500.00 -	500.00
	Total,	--27,512.00

EXHABIT "C" attached hereto and hereby made apart hereof.

EXHABIT "C".

6.

(a). None,	$	.00
(b).		12,960.00
(c).		1,450.00
(d).		6,000.00
(e).		.00
(f).		3,000.00
(g).		3,602.00
(h).		500.00
Total,		27,512.00

EXHIBIT "D".

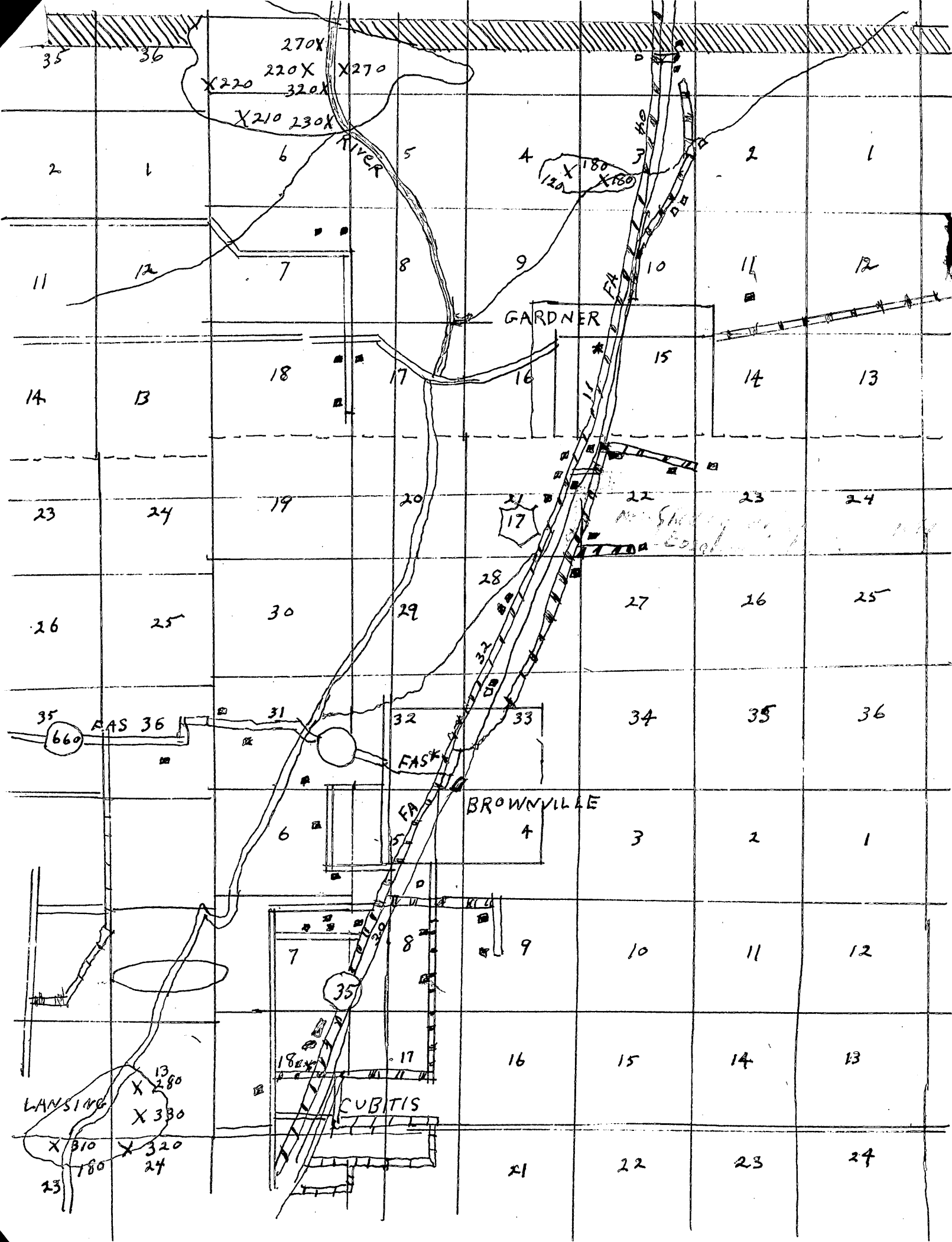
7.

(a). Yes.

(b). I propose to furnish my share of the cost in available money, the use of the equipment owned by me, and with other sources of my income.

Cumba A McWhorter
Applicant

Cumba A. McWhorter,
P. O. Box 1014,
Arcadia, Florida.


GARDNER
BROWNVILLE
CUBITIS
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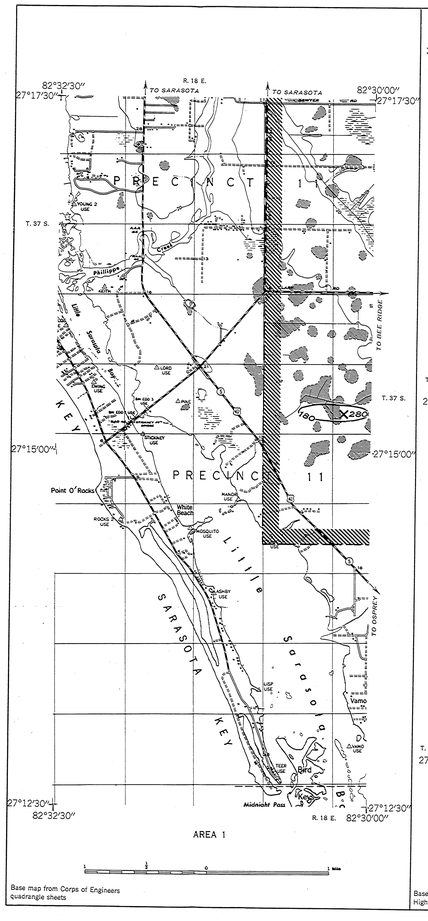
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
W. E. WRATHER, DIRECTOR

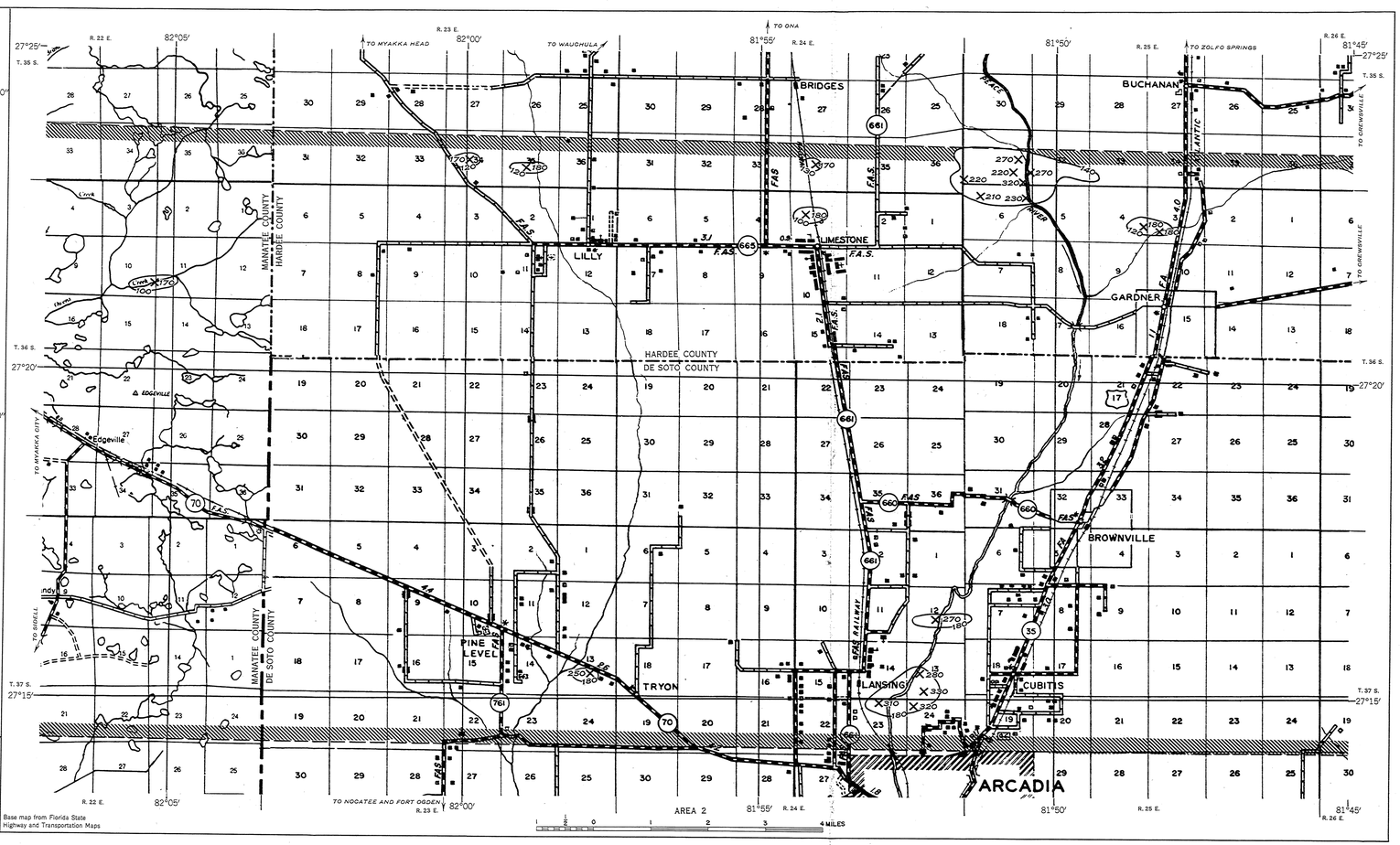
PREPARED IN COOPERATION WITH THE
UNITED STATES ATOMIC ENERGY COMMISSION

4161 DMEA- Division copy of ordered from U.S.G.S. by L. Phillips
Note: Applicants copy returned 2/10/56



AREA 1

Base map from Corps of Engineers quadrangle sheets



AREA 2

Base map from Florida State Highway and Transportation Maps

AIRBORNE RADIOACTIVITY SURVEY OF THE GARDNER AREA
DE SOTO, HARDEE, MANATEE, AND SARASOTA COUNTIES, FLORIDA

by J. L. Meuschke

The accompanying maps show the results of an airborne radioactivity survey of 570 square miles of De Soto, Hardee, Manatee, and Sarasota Counties, Fla. The area was surveyed by the U. S. Geological Survey, March 26 to 31, 1954, as part of a cooperative program with the U. S. Atomic Energy Commission.

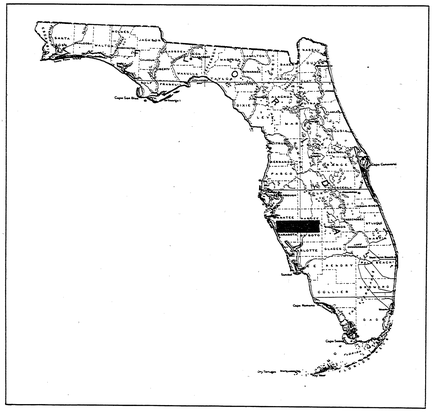
The survey was made with scintillation detection equipment. Parallel east-west flight lines spaced at quarter-mile intervals were flown approximately 500 feet above the ground at an average air speed of 150 miles per hour. Aerial photographs were used for plot guidance, and the flight path of the aircraft was recorded by a gyrostabilized continuous-strip-film camera. The distance of aircraft from the ground was measured with a continuously recording radio altimeter.

The width of the zone on the ground from which the anomalous radiation is measured at the nominal 500-foot flight altitude varies with the areal extent and the intensity of radioactivity of the source. For strong sources of radioactivity the width of the zone may be as much as 1,400 feet. Thus, quarter-mile spacing of the flight lines is adequate to detect anomalies from strong sources of radioactivity, but small areas of considerable radioactivity midway between the flight lines may not be noted.

The approximate locations of the radioactivity anomalies are shown on the accompanying map. The plotted position of these anomalies may be in error by as much as a quarter of a mile owing to errors in available base maps or to areas on the base maps as large as several square miles in which it is impossible to find and plot recognizable landmarks.

The present technique of airborne radioactivity measurement does not permit distinguishing between activity due to thorium and that due to uranium. An anomaly may therefore represent radioactivity due entirely to one or to a combination of these elements. The radioactivity anomalies shown on the accompanying map cannot be interpreted in terms of either the radioactive content or the extent of the source materials.

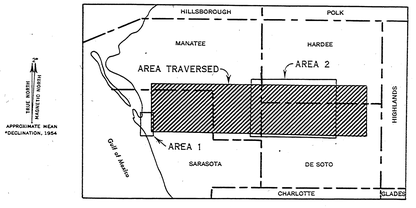
These radioactivity anomalies indicate localities of more-than-average radioactivity and therefore suggest areas in which uranium or thorium deposits are more likely to occur.



INDEX MAP OF FLORIDA SHOWING LOCATION OF AREA TRAVERSED

EXPLANATION

- LOCATION OF MAXIMUM INTENSITY
- X280 — MAXIMUM INTENSITY: counts per second
- 210 — AVERAGE BACKGROUND INTENSITY: includes cosmic component
- ANOMALY: greater-than-average radioactivity
- BOUNDARY OF AREA TRAVERSED



MAP OF THE GARDNER AREA, FLORIDA

AIRBORNE RADIOACTIVITY SURVEY OF THE GARDNER AREA, DE SOTO, HARDEE, MANATEE, AND SARASOTA COUNTIES, FLORIDA

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. W R-0062
For sale by U. S. Geological Survey, price 50 cents

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

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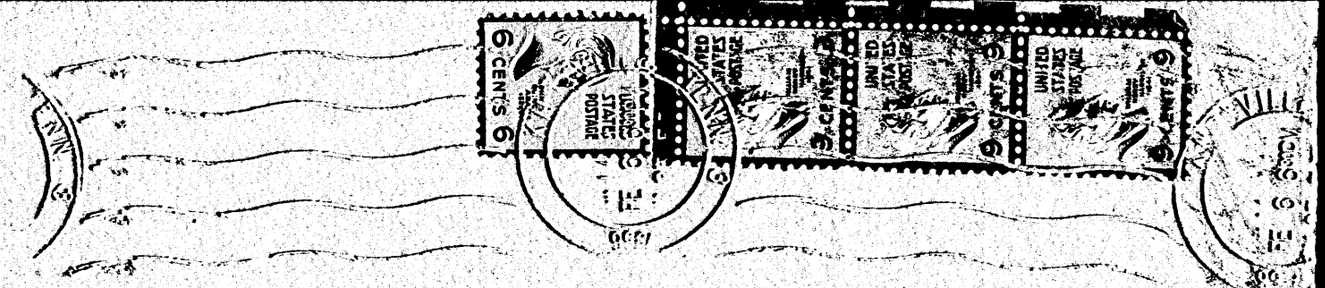

Mr. George C. Selfridge, Chairman
Operating Committee - DMEA.
Dept. of the Interior
Washington 25, D.C.