JUN 17 1954

Mr. Frederick A. Hauck, President
Continental Mineral Processing Corporation
609-10 First National Bank Building
Cincinnati 2, Ohio

Re: Docket No. DMEA-3370 - Rutile
Florida Ore Processing Corp.
Brevard and Indian River
Counties, Florida

Dear Mr. Hauck:

Reference is made to your letter of June 11, 1954, agreeing that you have insufficient interest in the land to qualify for exploration assistance for rutile in Brevard and Indian River Counties, Florida.

Your application for exploration assistance is denied without prejudice to the merits of the project and you may, when you have obtained the necessary interest in the land, re-apply supplying the necessary documentation and have your case reopened.

Your interest in the Defense Minerals Exploration Administration program and your willingness to cooperate in exploring for new sources of rutile is commendable.

Sincerely yours,

C. O. Mittendorf

Administrator

LGHouk:gad 6/15/54
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Operating Committee
Mr. Cservenyak, 3411
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

600

JUN - 4 1954

Mr. Frederick A. Hauck, President
Florida Ore Processing Corp.
P. O. Box 417
Melbourne, Florida

Re: Docket No. DMEA-3370 - Rutile
Florida Ore Processing Corp.
Brevard and Indian River
Counties, Florida

Dear Mr. Hauck:

Reference is made to your application for exploration assistance for rutile in Brevard and Indian River Counties in Florida.

Your interest in the land to be explored appears to be inadequate for the purposes of an exploration project contract. Your statement that the area to be prospected is too extensive to lease before commercial deposits are proven indicates that you do not have a sufficient interest in the land. Please note Section 8 of the enclosed DMEA Order-1, Amended: "The operator must have, preserve, and maintain a sufficient interest in the land as owner, lessee, or otherwise, for the purposes of the exploration project contract". You must have the right of possession for a sufficient length of time required to perform under the contract and to protect the Government's interest thereafter.

You may, by demonstrating the proper interest in the land by ownership or leasehold and submitting the supporting evidence, obtain further consideration of your application. A more detailed plan of the work proposal will be necessary before an evaluation of your application can be made. A description of the present mining operation in answer to Question 4 (a) of MF-103 is also required.

Your application will be further processed when the requested information is received.

Sincerely yours,

SIGNED

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Enclosure

k:gad 6/4/54

cc: Admr. R. File
Docket File
Mr. Houk
Mr. Larrabee, G-232 GSA Bldg.
Mr. Cservenyak, 3411
Field Team, Region VII

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

Nonmetallic Minerals Administration
RECEIVED
JUN 2 1954

June 2, 1954

Memorandum

To: Chief, Non-Metallics Minerals Division, DMEA

From: Chief, Light Metals Branch, Minerals Division

Subject: Docket No. 3370. Application by Florida Ore Processing Corporation for aid in an exploration project in Brevard and Indian River Counties, Florida

The subject application is considered of sufficient importance to warrant examination by the DMEA Field Team.

It is to be noted that the applicant does not own, lease or otherwise control the extensive areas to be explored.

F. J. Cservenyak

Attachment

Hours
K-2971
Room 4637

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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

Not to be filled in by applicant

Docket No. 3370
Metal or Mineral Rutile, et al.
Date Received
Estimated Cost $23,490
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: Florida Ore Processing Corp., P.O.Box 417, Melbourne, Florida.
Frederick A. Hauck, Pres., Cincinnati 2, Ohio. 1st National Bank Bldg.
Robert L. Holland, Vice Pres., Chicago, Ill. 9 S. Clinton St.
Vincent Beckman, Jr., Sec'y. Cincinnati 2, Ohio. 1st National Bank Bldg.

(*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. Corporation - State of Florida.

(*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 Attached Maps of Brevard & Indian River Counties Fla., shows area to be prospected along section lines to prove or disprove the existence of other commercial deposits besides those now being worked (also shown on maps).

(*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 Area shown on maps is being mined under contract with Hobart Bros., Troy, Ohio, other areas are too extensive to control before commercial deposits are proven.

(*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. See (c)

(*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 onducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such erations. 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 s for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each you require its return to you.

State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence

ate 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 Rutile, Ilmenite, Zircon and Monazite.

(*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 30 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?

☒ 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 24, 1954

Florida Ore Processing Company
(Applicant)

By Frederick A. Adams
Pres

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

COPY

4 (a) Area indicated in maps are presently being worked and a small area within the city limits of Vero Beach was worked during 1953 and early 1954. These areas are mined by the Florida Ore Processing Co., under contract with Hobart Brothers Co., Troy, Ohio.

The entire area being mined and to be prospected is within 1 mile of U.S. Rt.1 and the F.E.C. Ry.

(b) Production from approximately 5 acres in Vero Beach was 1769.75 tons of combined mineral during 1953 and 1954.

Production from area between Winter Beach and Wabasso, Florida, has been 501.5 tons as of May 3, 1954, from approximately one and one-third acres. The current area being mined has averaged 4.3% total heavy mineral and about 2.5% with regard to Ilmenite, Rutile, Zircon and Monazite. The deposit now being mined consists of about 350 acres and should contain 150,000 tons of Rutile, Ilmenite and Zircon.

(c) The deposit lies along a sand ridge which is an ancient beach line. Indications are that the mineral content increases toward the north end of the property as per enclosed map. It is our intention to test drill this ancient shore line north of the area now being mined. Several spot checks have been made which indicate that mineralization occurs in other portions of the ridge (see map).

(d) All of the area lies within one mile of U.S. Rt. #1. The area is within 30 miles of the Florida Ore processing Co. plant.

(e) All necessary manpower, materials, supplies, equipment, water and power are readily available.

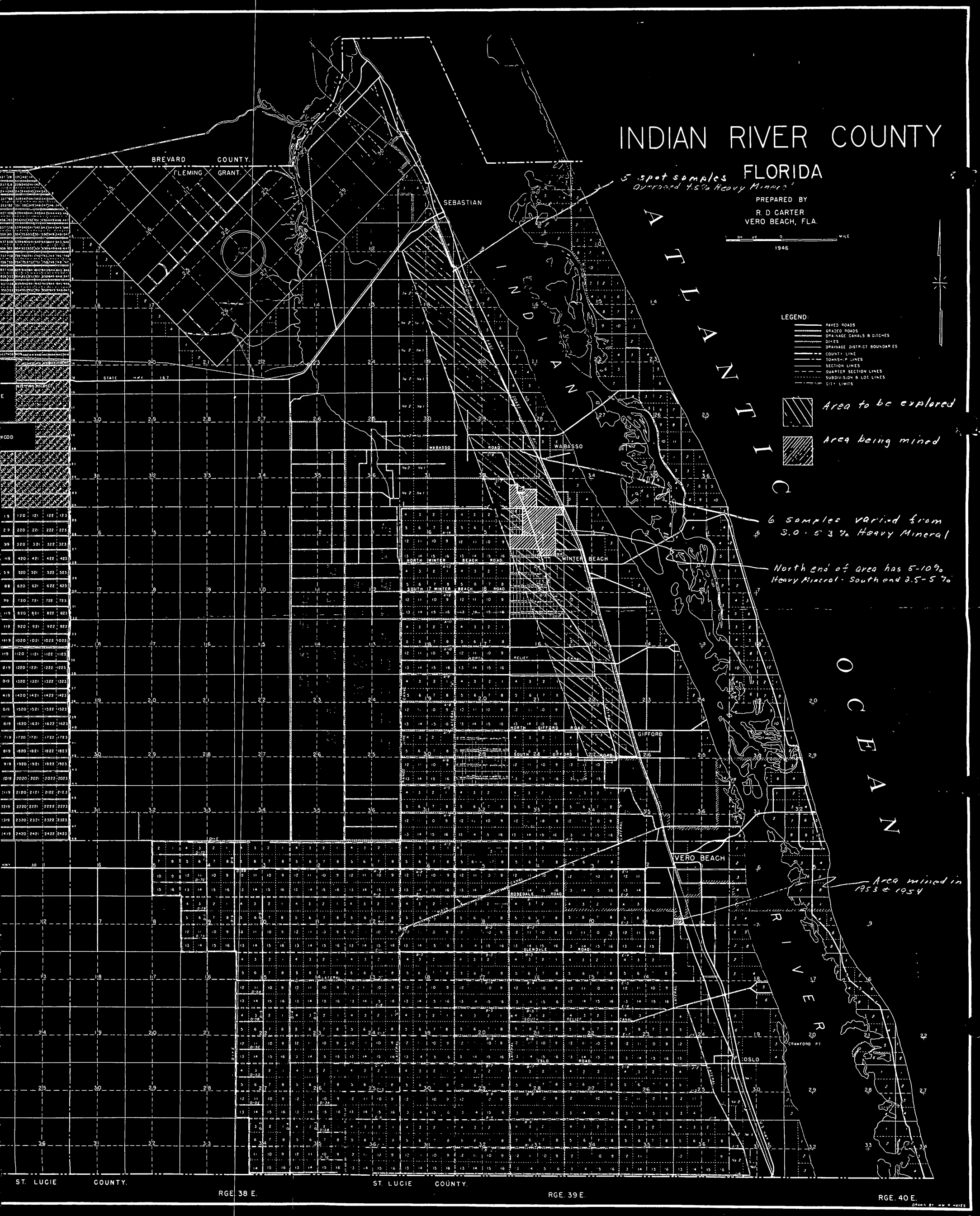
5 (b) The proposed exploration work is to determine the presence of mineral-bearing sands in the ancient shore line extending from Verno Beach to Cocoa, Fla. Since the area is too extensive to secure leases, the plan is to prospect along section lines, one hole to the west of the ridge, one hole to the east of the ridge and one hole on the top of the ridge.

(c) The Florida Ore Processing Co. has been actively engaged in mining these minerals from 1950 on beach areas leased from the State of Florida and under contract to Hobart Brothers Co. The project will be supervised by G. D. Slaughter, a Chemical Engineer registered in the State of Ohio, who has been actively supervising the operations in Melbourne, Fla., since September, 1953, and by Herman Kloeppel, who has been actively engaged in prospecting for and mining these minerals since 1940, and Thomas J. Houlehan, a mining engineer, who has been supervising the mining operations of the Florida Ore Processing Co. since September, 1953.

C O P Y

6 (a) None

(b) Supervision		
G. D. Slaughter at 1/2 of his time	$ 2,100.00	
Sample Separation		
T. J. Houlehan at 1/2 of his time	2,250.00	
Mineral Separation		
Herman Kloeppel at 1/2 of his time	2,250.00	
Drilling Crew		
2 men full time at $60.00 per week	6,240.00	
Total Labor & Supervision		$ 13,140.00
(c) Gasoline and oil to operate drill rig	200.00	
Tetrabromoethane to float sand from sample	300.00	
Methyl alcohol to wash samples	200.00	
Miscellaneous glassware (breakage)	50.00	
Total Supplies		750.00
(d) Drill rig mounted on a 4 wheel drive jeep	2,500.00	
Microscope	500.00	
Laboratory washing table	1,000.00	
Laboratory magnet	1,100.00	
Laboratory electrostatic separator	1,100.00	
Laboratory balance	100.00	
Laboratory Oven	100.00	
Funnels, beakers, etc.	200.00	
Total Operating Equipment		6,600.00
(e) Analytical work to check Titanium Zirconium and Rare Earth values		1,000.00
(f) Building, wood and sheet metal on concrete base approx. 20x20 to house above equipment		2,000.00
		$23,490.00


INDIAN RIVER COUNTY
FLORIDA
PREPARED BY
R. D CARTER
VERO BEACH, FLA.
1946
MILE
5 spot samples
Overload 4.5% Heavy Minerals
LEGEND:
PAVED ROADS
GRADED ROADS
DRAINAGE CANALS & DITCHES
DIKES
DRAINAGE DISTRICT BOUNDARIES
COUNTY LINE
TOWNSHIP LINES
SECTION LINES
QUARTER SECTION LINES
SUBDIVISION & LOT LINES
CITY LIMITS
Area to be explored
Area being mined
6 samples varied from
3.0 - 5.3 % Heavy Mineral
North end of area has 5-10%
Heavy Mineral - South end 2.5-5 %
Area mined in
1953 & 1954
ATLANTIC OCEAN
INDIAN RIVER
BREVARD COUNTY
FLEMING GRANT
SEBASTIAN
WABASSO
WINTER BEACH
GIFFORD
VERO BEACH
OSLO
CRAWFORD PT
ST. LUCIE COUNTY
RGE. 38 E.
RGE. 39 E.
RGE. 40 E.

GENERAL HIGHWAY AND TRANSPORTATION MAP
BREVARD COUNTY
FLORIDA
PREPARED BY THE
FLORIDA STATE ROAD DEPARTMENT
DIVISION OF RESEARCH AND RECORDS
IN COOPERATION WITH THE
FEDERAL WORKS AGENCY
PUBLIC ROADS ADMINISTRATION
REVISED JANUARY 1953
1938
NOTICE
Reproduction of any part or all of this map cannot be made without written permission from the STATE ROAD DEPARTMENT OF FLORIDA
COPYRIGHTED 1940 BY STATE ROAD DEPARTMENT OF FLORIDA
GENERAL LEGEND
ATLANTIC OCEAN
INDIAN RIVER
BANANA RIVER
LAKE WASHINGTON
MELBOURNE
OSCEOLA COUNTY
INDIAN RIVER COUNTY

IN REPLY REFER TO:

C-MD-CHM

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

May 28, 1954

Memorandum

REVIEW OF APPLICATION DMEA-3370 (Rutile)

To: I. O. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: Florida Ore Processing Corp., Melbourne, Florida.
Name of property: None.
Location of property: Brevard and Indian River Counties, Florida.
Summary of applicant's proposal: Drill to test ancient beach.
Sources of information on applicant's property: None.
Comments:

1. How deep do they plan to drill?
   If below water level, jet drilling must be used.

2. The area is favorable for economic deposits.

3. Costs appear high.

RECOMMENDATION:
Refer to Field Team for an examination.

D. M. Larrabee

Larrabee:jeh
5/28/54

cc: Director's reading 4212
Branch reading 4212
DMEA 3 ✓
Larrabee G-230

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3370

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.

Cys to USBM, USGS, & Reg.

Routing Slip

To:	600	Date	5/27/54
To:	Open Comm	Date	6-16-54
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DO NOT DETACH

CONTROLLED DOCUMENT

DOCKET FILE COPY
Surname:
Houk
Hearn
Bailey
Selfridge
Johnson

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

JUN 17 1954

Mr. Frederick A. Hauck, President
Continental Mineral Processing Corporation
609-10 First National Bank Building
Cincinnati 2, Ohio

Re: Docket No. DMEA-3370 - Rutile
Florida Ore Processing Corp.
Brevard and Indian River
Counties, Florida

Dear Mr. Hauck:

Reference is made to your letter of June 11, 1954, agreeing that you have insufficient interest in the land to qualify for exploration assistance for rutile in Brevard and Indian River Counties, Florida.

Your application for exploration assistance is denied without prejudice to the merits of the project and you may, when you have obtained the necessary interest in the land, re-apply supplying the necessary documentation and have your case reopened.

Your interest in the Defense Minerals Exploration Administration program and your willingness to cooperate in exploring for new sources of rutile is commendable.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

C 6-17-54

LGHouk:gad 6/15/54
Copy to: Admr. R. File
Docket File
Field Team, Region VII
Operating Committee
Mr. Cservenyak, 3411
Mr. Larrabee, G-232 GSA Bldg.
Mr. Houk

CONTINENTAL MINERAL PROCESSING CORPORATION
CONTINENTAL MINERAL COMPANY, S. A.
609-10 FIRST NATIONAL BANK BUILDING
CINCINNATI 2, OHIO

FREDERICK A. HAUCK
PRESIDENT

TELEPHONE CHERRY 8076

Defense Minerals Administration
RECEIVED
JUN 14 1954

June 11, 1954

United States Department of Interior,
Defense Minerals Exploration Administration,
Washington 25, D.C.,

Attention - Mr. Lawrence G. Houk, Chief,

Re - Docket No. DMEA-3370 - Rutile
Florida Ore Processing Corp.
Brevard and Indian River
Counties, Florida.

Dear Mr. Houk:-

Your very kind letter written to me at my Florida address has been received here at my office this morning. A duplicate of this letter was shown to me yesterday in Washington by your Mr. C. O. Mittendorf, as I spent the day in Washington on matters pertaining to the Atomic Energy Program. I agree with you whole-heartedly that the land to be explored is not adequate for the purpose of an exploration project contract as my company does not, as of the present date, lease or own the areas mentioned in my previous letter. At the present time, we are operating on approximately 4000 acres which has already been core drilled and will be sufficient for approximately five (5) years operation.

At such a time as we might do a preliminary test on areas suitable for mining operations, making it worthwhile to control the acreage desired, I will again contact you for whatever interest you might have in further processing our application. In the meantime, I thank you for your very kind consideration.

Hoping to have the pleasure of meeting you in person during one of my frequent visits to the Capitol, I remain,

Sincerely yours,

Frederick A. Hauck

CONTINENTAL MINERAL PROCESSING CORP.

Frederick A. Hauck

Frederick A. Hauck,
President.

FAH:JH

FILE COPY
Surname:

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

JUN - 4 1954

Mr. Frederick A. Hauck, President
Florida Ore Processing Corp.
P. O. Box 417
Melbourne, Florida

Re: Docket No. DMEA-3370 - Rutile
Florida Ore Processing Corp.
Brevard and Indian River
Counties, Florida

Dear Mr. Hauck:

Reference is made to your application for exploration assistance for rutile in Brevard and Indian River Counties in Florida.

Your interest in the land to be explored appears to be inadequate for the purposes of an exploration project contract. Your statement that the area to be prospected is too extensive to lease before commercial deposits are proven indicates that you do not have a sufficient interest in the land. Please note Section 8 of the enclosed DMEA Order-1, Amended: "The operator must have, preserve, and maintain a sufficient interest in the land as owner, lessee, or otherwise, for the purposes of the exploration project contract". You must have the right of possession for a sufficient length of time required to perform under the contract and to protect the Government's interest thereafter.

You may, by demonstrating the proper interest in the land by ownership or leasehold and submitting the supporting evidence, obtain further consideration of your application. A more detailed plan of the work proposal will be necessary before an evaluation of your application can be made. A description of the present mining operation in answer to Question 4 (a) of MF-103 is also required.

Your application will be further processed when the requested information is received.

Sincerely yours,

Lawrence G. Houk, Chief
Nonmetallic Minerals Division

Enclosure

LGHouk:gad 6/4/54
Copy to: Admr. R. File
Docket File
Mr. Houk
Mr. Larrabee, G-232 GSA Bldg.
Mr. Cservenyak, 3411
Field Team, Region VII

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

Defense Library Intelligence
RECEIVED
JUN - 2 1954

June 2, 1954

Memorandum

To: Chief, Non-Metallics Minerals Division, DMEA

From: Chief, Light Metals Branch, Minerals Division

Subject: Docket No. 3370. Application by Florida Ore Processing Corporation for aid in an exploration project in Brevard and Indian River Counties, Florida

The subject application is considered of sufficient importance to warrant examination by the DMEA Field Team.

It is to be noted that the applicant does not own, lease or otherwise control the extensive areas to be explored.

H. Blomstrick, for
F. J. Cservenyak

Attachment

IN REPLY REFER TO:

G-MD-CNM

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

May 28, 1954

Memorandum

REVIEW OF APPLICATION DMEA-3370 (Rutile)

To: L. G. Houk, Defense Minerals Exploration Administration
From: D. M. Larrabee, U. S. Geological Survey
Applicant's name and address: Florida Ore Processing Corp., Melbourne, Florida.
Name of property: None.
Location of property: Brevard and Indian River Counties, Florida.
Summary of applicant's proposal: Drill to test ancient beach.
Sources of information on applicant's property: None.
Comments:

1. How deep do they plan to drill?
   If below water level, jet drilling must be used.

2. The area is favorable for economic deposits.

3. Costs appear high.

RECOMMENDATION:

Refer to Field Team for an examination.

D. M. Larrabee

D. M. Larrabee

May 27, 1954
Subject: DMEA-3370
Re: Exploration Assistance

Florida Ore Processing Corp.
P. O. Box 417
Melbourne, Florida

Gentlemen:

The receipt of your application dated May 24, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3370 and referred to the Non-Metallic Minerals Division

Kindly refer to DMEA-3370 in any future correspondence relating to your application.

Sincerely yours,

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

CONTINENTAL MINERAL PROCESSING CORPORATION
CONTINENTAL MINERAL COMPANY, S. A.
609-10 FIRST NATIONAL BANK BUILDING
CINCINNATI 2, OHIO

FREDERICK A. HAUCK
PRESIDENT

TELEPHONE CHERRY 8076

INTERIOR
ministration
MAY 27 1954

May 24, 1954.

Mr. C. O. Mittendorf, Administrator,
Defense Minerals Exploration Administration,
Department of Interior,
Washington 25, D.C.

Dear Mr. Mittendorf:-

Relative to my recent visit with you and according to your request, I am forwarding under separate cover, all information relative to an exploration project for my subsidiary company, the Florida Ore Processing Company of Melbourne, Florida.

No doubt you recall my stating at the time of our visit that my company is one of the three operating in the State of Florida at the present time, the other two being Dupont and National Lead.

At the present time, our entire product zircon goes to the Atomic Eneregy Commission and our rutile to the welding rod industry, also on projects including Titanium metal. Our monazite sand is being used for the rare earth separation, including thorium.

I am submitting to you, all the information as requested in the application for aid in further increasing and determining the percentages of critical materials for our future Government and industry requirements.

It is my intention of leaving for the East during the first part of June, at which time I will be looking forward to contacting you in person for any other information regarding the above which you might request. It is our purpose to furnish our share of the cost in money.

With my best personal regards, I remain,

Most sincerely yours,

CONTINENTAL MINERAL PROCESSING CORP.

Frederick A. Hauck

Frederick A. Hauck, President.

FAH:JH

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
MAY 27 1954

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. 3370
Metal or Mineral Rutile, et al.
Date Received
Estimated Cost $23,490
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: Florida Ore Processing Corp., P.O.Box 417, Melbourne, Florida. Frederick A. Hauck, Pres., Cincinnati 2, Ohio. 1st National Bank Bldg. Robert L. Holland, Vice Pres., Chicago, Illinois, 9 S.Clinton St. Vincent Beckman, Jr., Sec'y. Cincinnati 2, Ohio, 1st National Bank Bldg.

(*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 Attached Maps of Brevard & Indian River Counties Fla., shows area to be prospected along section lines to prove or disprove the existence of other commercial deposits besides those now being worked (also shown on maps.)

(*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 Area shown on maps is being mined under contract with Hobart Bros., Troy Ohio, other areas are too extensive to control before commercial deposits are proven.

(*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. See (c)

(*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.

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5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Rutile, Ilmenite Zircon - Monazite.

(*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 30 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?

☒ 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 24, 1954

Florida Ore Processing Company
(Applicant)

By Frederick A. Schauer
Pres

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

CONTINENTAL MINERAL PROCESSING CORPORATION
CONTINENTAL MINERAL COMPANY, S. A.
609-10 FIRST NATIONAL BANK BUILDING
CINCINNATI 2, OHIO

FREDERICK A. HAUCK
PRESIDENT

TELEPHONE CHERRY 8076

Colorado Limonite Reduction
RECEIVED
MAY 27 1954

4 (a) Area indicated in maps are presently being worked and a small area within the city limits of Vero Beach was worked during 1953 and early 1954. These areas are mined by the Florida Ore Processing Co., under contract with Hobart Brothers Co., Troy, Ohio.

The entire area being mined and to be prospected is within 1 mile of U.S. Rt.L and the F.E.C. Ry.

(b) Production from approximately 5 acres in Vero Beach was 1769.75 tons of combined mineral during 1953 and 1954.

Production from area between Winter Beach and Wabasso, Florida, has been 501.5 tons as of May 3, 1954, from approximately one and one-third acres. The current area being mined has averaged 4.3% total heavy mineral and about 2.5% with regard to Ilmenite, Rutile, Zircon and Monazite. The deposit now being mined consists of about 350 acres and should contain 150,000 tons of Rutile, Ilmenite and Zircon.

(c) The deposit lies along a sand ridge which is an ancient beach line. Indications are that the mineral content increases toward the north end of the property as per enclosed map. It is our intention to test drill this ancient shore line north of the area now being mined. Several spot checks have been made which indicate that mineralization occurs in other portions of the ridge (see map).

(d) All of the area lies within one mile of U.S. Rt. #1. The area is within 30 miles of the Florida Ore Processing Co. plant.

(e) All necessary manpower, materials, supplies, equipment, water and power are readily available.

5 (b) The proposed exploration work is to determine the presence of mineral-bearing sands in the ancient shore line extending from Vero Beach to Cocoa, Fla. Since the area is too extensive to secure leases, the plan is to prospect along section lines, one hole to the west of the ridge, one hole to the east of the ridge and one hole on the top of the ridge.

(c) The Florida Ore Processing Co. has been actively engaged in mining these minerals from 1950 on beach areas leased from the State of Florida and under contract to Hobart Brothers Co. The project will be supervised by G. D. Slaughter, a Chemical Engineer registered in the State of Ohio, who has been actively supervising the operations in Melbourne, Fla., since September, 1953, and by Herman Kloeppel, who has been actively engaged in prospecting for and mining these minerals since 1940, and Thomas J. Houlehan, a mining engineer, who has been supervising the mining operations of the Florida Ore Processing Co. since September, 1953.

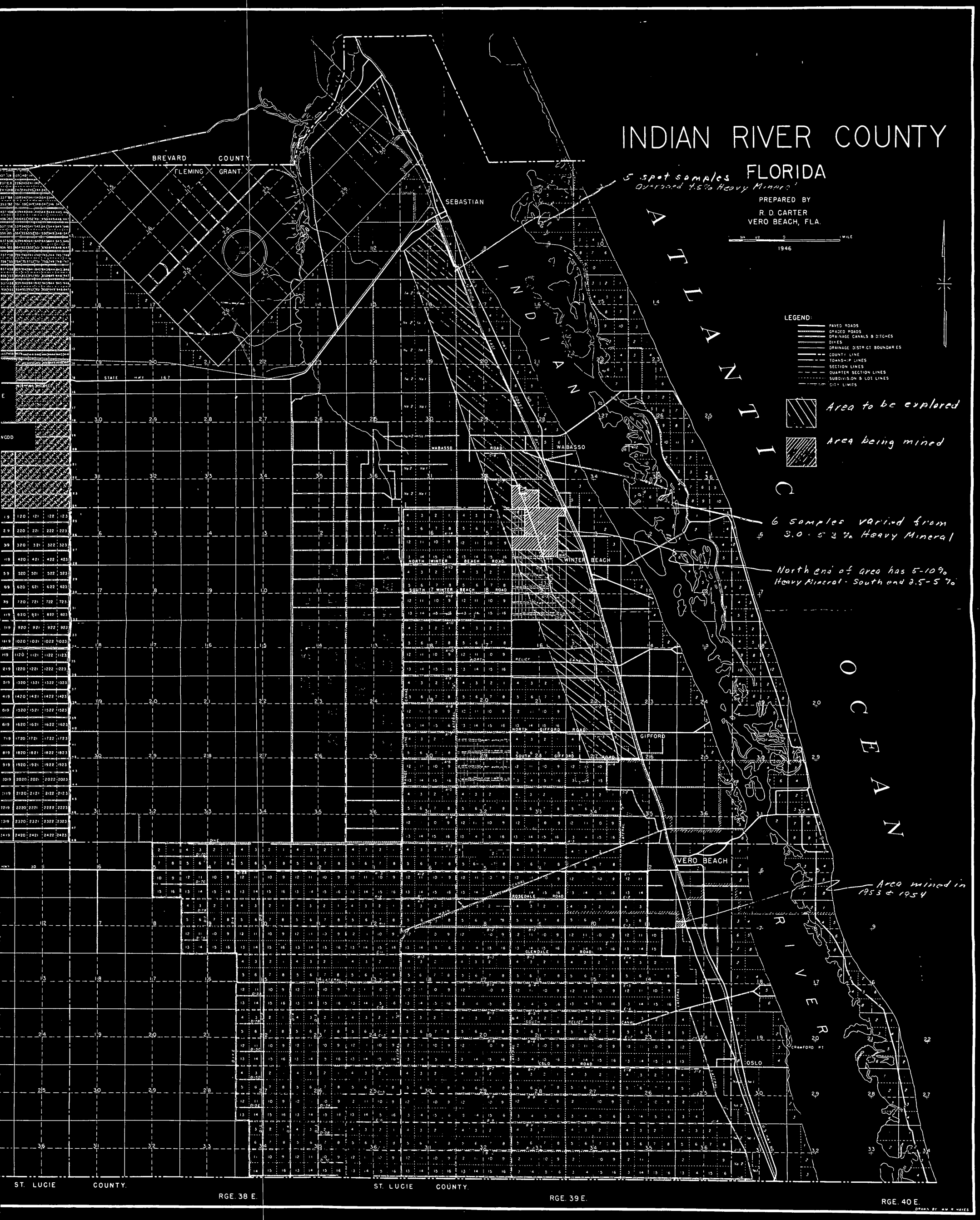
CONTINENTAL MINERAL PROCESSING CORPORATION
CONTINENTAL MINERAL COMPANY, S. A.
609-10 FIRST NATIONAL BANK BUILDING
CINCINNATI 2, OHIO

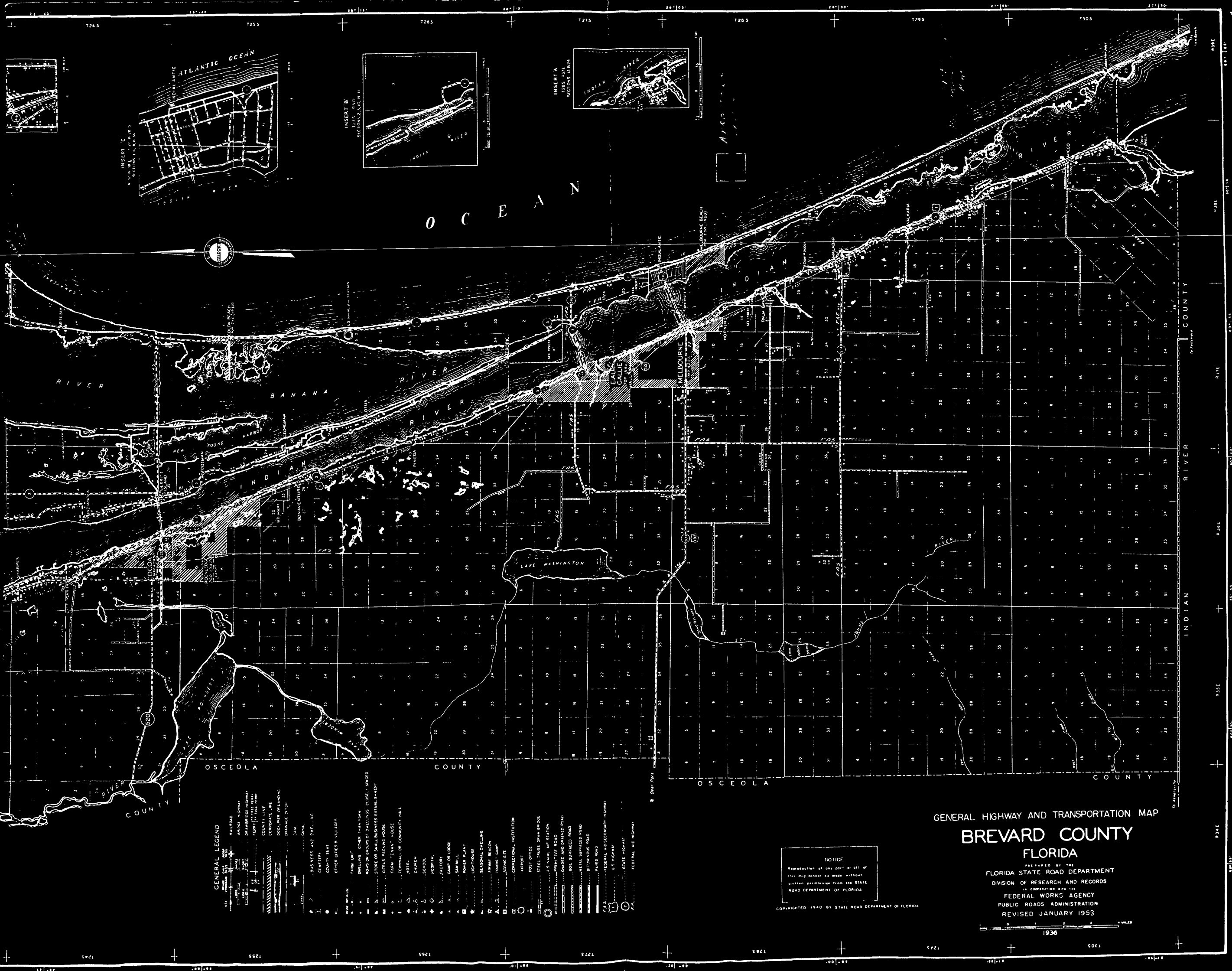
FREDERICK A. HAUCK
PRESIDENT

TELEPHONE CHERRY 8076

6 (a) None

(b)	Supervision		
	G. D. Slaughter at ½ of his time	$ 2,100.00	
	Sample Separation		
	T. J. Houlehan at ½ of his time	2,250.00	
	Mineral Separation		
	Herman Kloeppel at ½ of his time	2,250.00	
	Drilling Crew		
	2 men full time at $60.00 per week	6,240.00	
	Total Labor & Supervision		$ 13,140.00
(c)	Gasoline and oil to operate drill rig	200.00	
	Tetrabromoethane to float sand from sample	300.00	
	Methyl alcohol to wash samples	200.00	
	Miscellaneous glassware (breakage)	50.00	
	Total Supplies		750.00
(d)	Drill rig mounted on a 4 wheel drive jeep	2,500.00	
	Microscope	500.00	
	Laboratory washing table	1,000.00	
	Laboratory magnet	1,100.00	
	Laboratory electrostatic separator	1,100.00	
	Laboratory balance	100.00	
	Laboratory Oven	100.00	
	Funnels, beakers, etc.	200.00	
	Total Operating Equipment		6,600.00
(e)	Analytical work to check Titanium Zirconium and Rare Earth values		1,000.00
(f)	Building, wood and sheet metal on concrete base approx. 20x20 to house above equipment		2,000.00
			$23,490.00


INDIAN RIVER COUNTY
FLORIDA
PREPARED BY
R. D. CARTER
VERO BEACH, FLA.
1946
5 spot samples averaged 4.5% Heavy Minerals
LEGEND:
PAVED ROADS
GRADED ROADS
DRAINAGE CANALS & DITCHES
DIKES
DRAINAGE DISTRICT BOUNDARIES
COUNTY LINE
TOWNSHIP LINES
SECTION LINES
QUARTER SECTION LINES
SUBDIVISION & LOT LINES
CITY LIMITS
Area to be explored
Area being mined
6 samples varied from 3.0 - 5.3% Heavy Mineral
North end of area has 5-10% Heavy Mineral - South end 2.5-5%
Area mined in 1953 & 1954
ATLANTIC OCEAN
INDIAN RIVER
BREVARD COUNTY
FLEMING GRANT
SEBASTIAN
WABASSO
WINTER BEACH
GIFFORD
VERO BEACH
OSLO
CRAWFORD PT
STATE HWY 16.7
NORTH WINTER BEACH ROAD
SOUTH WINTER BEACH ROAD
NORTH GIFFORD ROAD
SOUTH GIFFORD ROAD
ROSEDALE ROAD
GLENDALE ROAD
OSLO ROAD
ST. LUCIE COUNTY
RGE. 38 E.
RGE. 39 E.
RGE. 40 E.


GENERAL HIGHWAY AND TRANSPORTATION MAP
BREVARD COUNTY
FLORIDA
PREPARED BY THE
FLORIDA STATE ROAD DEPARTMENT
DIVISION OF RESEARCH AND RECORDS
IN COOPERATION WITH THE
FEDERAL WORKS AGENCY
PUBLIC ROADS ADMINISTRATION
REVISED JANUARY 1953
1936
NOTICE
Reproduction of any part or all of this map cannot be made without written permission from the STATE ROAD DEPARTMENT OF FLORIDA
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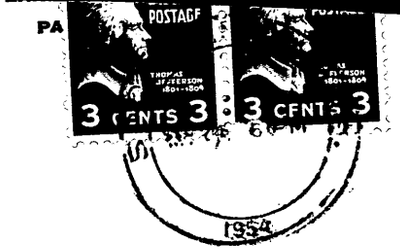
GENERAL LEGEND
ATLANTIC OCEAN
INDIAN RIVER
BANANA RIVER
LAKE WASHINGTON
MELBOURNE
COCOA
OSCEOLA COUNTY
INDIAN RIVER COUNTY

SPOKANE 2, WASHINGTON

OFFICIAL BUSINESS

SPOKANE WASH.
MY 24 6 PM
1954



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