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no. 644

OFK 53-286

Trace elements memorandum.

May 1953.

US Geological Survey

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IN REPLY REFER TO:

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

AEC-1223/3

AUG 26 1953

Dr. Phillip L. Merritt, Assistant Director
Division of Raw Materials
U. S. Atomic Energy Commission
P. O. Box 30, Ansonia Station
New York 23, New York

Dear Phil:

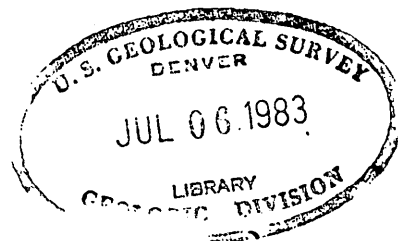
Transmitted herewith are two copies of TEM-644, "Airborne radioactivity survey of parts of the Atlantic Ocean beach, Virginia to Florida," by R. M. Moxham and R. W. Johnson, May 1953.

As discussed by V. E. McKelvey and you on August 6, 1952, we plan to open-file this report and distribute copies to the offices listed in the Commission press release of July 13, 1952 announcing the public release of data on airborne radioactivity surveys. Additional copies of the report will be available at the Geological Survey offices in Plant City and Tallahassee, Florida. We are asking Mr. Hosted to approve this plan.

Sincerely yours,

Dwight M. Lamm
for W. H. Bradley
Chief Geologist

1953 AUG 31 AM 9 52





DEPARTMENT OF THE INTERIOR
INFORMATION SERVICE

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GEOLOGICAL SURVEY

For Release SEPTEMBER 18, 1953

AIRBORNE RADIOACTIVITY SURVEY ALONG THE ATLANTIC OCEAN BEACH, ANNOUNCED

Release of a map showing airborne radioactivity anomalies detected along parts of the Atlantic Ocean beach from Cape Henry, Va., to Cape Fear, N. C., and from Savannah Beach, Ga., to Miami Beach, Fla., was announced today by Secretary of the Interior Douglas McKay.

The anomalies represent areas of unusually high radioactivity as observed from the air and may or may not indicate the presence of uranium or thorium.

The Atlantic beach survey was part of a program of airborne reconnaissance for radioactive deposits being conducted throughout the United States by the Geological Survey for the Atomic Energy Commission.

The radiation-detection equipment is mounted in the Survey's Douglas DC-3 airplane which flew along the beach at an elevation of 500 feet.

The map showing the location of the radioactive areas is available for public inspection at the following Geological Survey offices: Room 1033, Library, GSA Bldg., Washington, D. C.; Room 468, New Customhouse, Denver, Colo.; Grand Junction, Colo.; Room 100, Old Mint Bldg., San Francisco, Calif.; 504 Federal Bldg., Salt Lake City, Utah; Lee Bldg., Plant City, Fla.; and New Dining Hall, Florida State Univ., Tallahassee, Fla.

It will also be available for inspection at offices of the Florida Geological Survey, Tallahassee, Fla.; the Georgia Dept. of Mines, Mining and Geology, 425 State Capitol, Atlanta, Ga.; the Bureau of Mines, Rapid City, S. Dak., and at the following offices of the Atomic Energy Commission: New York Raw Materials Office, New York, N. Y.; Denver Exploration Branch, Denver Federal Center, Denver, Colo.; Hot Springs Suboffice, Hot Springs, S. Dak.; Grand Junction Operations Office, Grand Junction, Colo.; Grants Suboffice, Grants, New Mexico; Salt Lake Exploration Branch, Salt Lake City, Utah; Richfield Suboffice, Richfield, Utah; and the Butte Suboffice, Butte, Montana.

The radioactivity map will be made available at the Geological Survey offices in Tallahassee and Plant City, Fla., for reproduction by those interested in obtaining copies.

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