UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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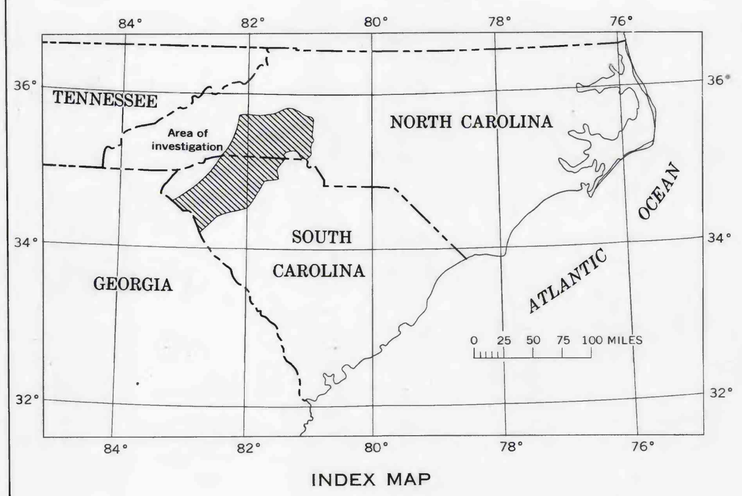
U.S. ATOMIC ENERGY COMMISSION

PROFESSIONAL PAPER 568
PLATE 5



INDEX MAP

MAP SHOWING ABUNDANCE OF ThO_2 AND U_3O_8 IN PLACER MONAZITE IN THE AREA BETWEEN THE SAVANNAH AND CATAWBA RIVERS SOUTH CAROLINA AND NORTH CAROLINA

EXPLANATION

4.84
0.58
Thorium and uranium of placer monazite, determined by chemical analyses

Dot shows sample locality; large number refers to source of analysis, and the pair of small numbers gives percentage of ThO_2 (above) and U_3O_8 (below)

0.0X 0.X X.0
Thorium in placer concentrates, determined by semiquantitative spectrographic analyses.
Values are in percent Th

Contact

SOURCES OF ANALYSES

1. Mertie, J. B., Jr. (1953)
2. Griffith, R. F., and Overstreet, W. C. (1953a)
3. Griffith, R. F., and Overstreet, W. C. (1953b)
4. Griffith, R. F., and Overstreet, W. C. (1953c)
5. Hansen, L. A., and White, A. M. (1954)
6. Hansen, L. A., and Cuppels, N. P. (1954)
7. Hansen, L. A., and Theobald, P. K., Jr. (1955)
8. Hansen, L. A., and Caldwell, D. W. (1955)
9. Hansen, L. A., and Cuppels, N. P. (1955)

SCALE 1:400 000

5 0 5 10 15 20 25 30 MILES
5 0 5 10 15 20 25 30 KILOMETERS

Base compiled from county road maps

Compiled by W. C. Overstreet, A. M. White, J. W. Whitlow, P. K. Theobald, Jr., D. W. Caldwell, and N. P. Cuppels

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