

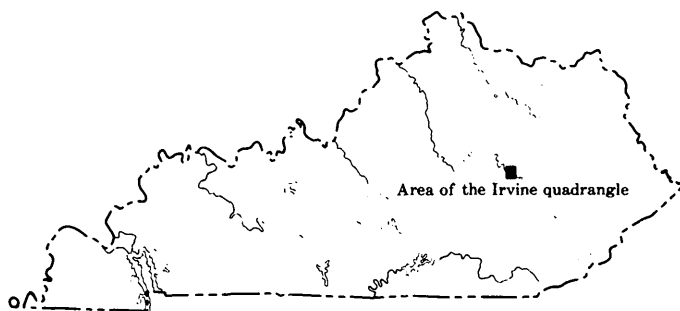
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WALLACE W. HAGAN, DIRECTOR AND
STATE GEOLOGIST

GEOLOGIC
QUADRANGLE MAPS
OF THE
UNITED STATES

GEOLOGIC MAP
OF THE
IRVINE QUADRANGLE,
ESTILL COUNTY, KENTUCKY

By
Harry P. Hoge,
Perry B. Wigley, and
Fred R. Shawe



INDEX MAP OF KENTUCKY

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