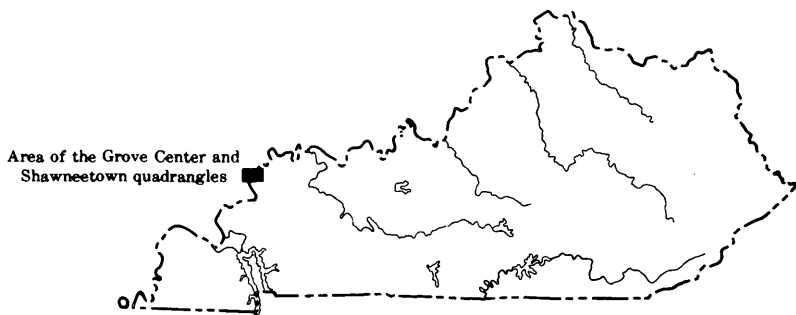


DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH
THE COMMONWEALTH OF KENTUCKY
UNIVERSITY OF KENTUCKY
KENTUCKY GEOLOGICAL SURVEY
WALLACE W. HAGAN, DIRECTOR AND
STATE GEOLOGIST

GEOLOGIC
QUADRANGLE MAPS
OF THE
UNITED STATES
GEOLOGIC MAP
OF THE
GROVE CENTER QUADRANGLE,
KENTUCKY-ILLINOIS
AND PART OF THE
SHAWNEETOWN QUADRANGLE,
KENTUCKY
By
James E. Palmer



INDEX MAP OF KENTUCKY

PUBLISHED BY THE U.S. GEOLOGICAL SURVEY
RESTON, VIRGINIA 22092

1976