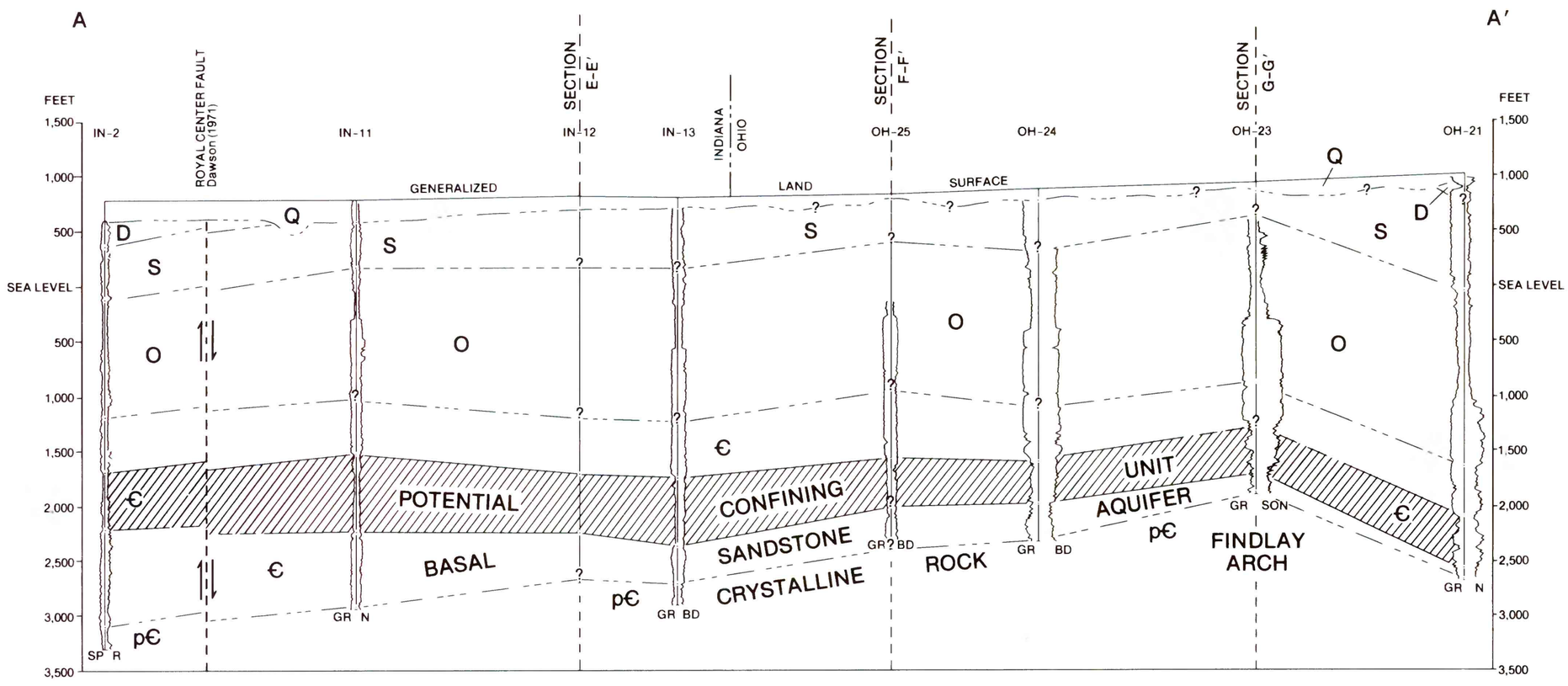

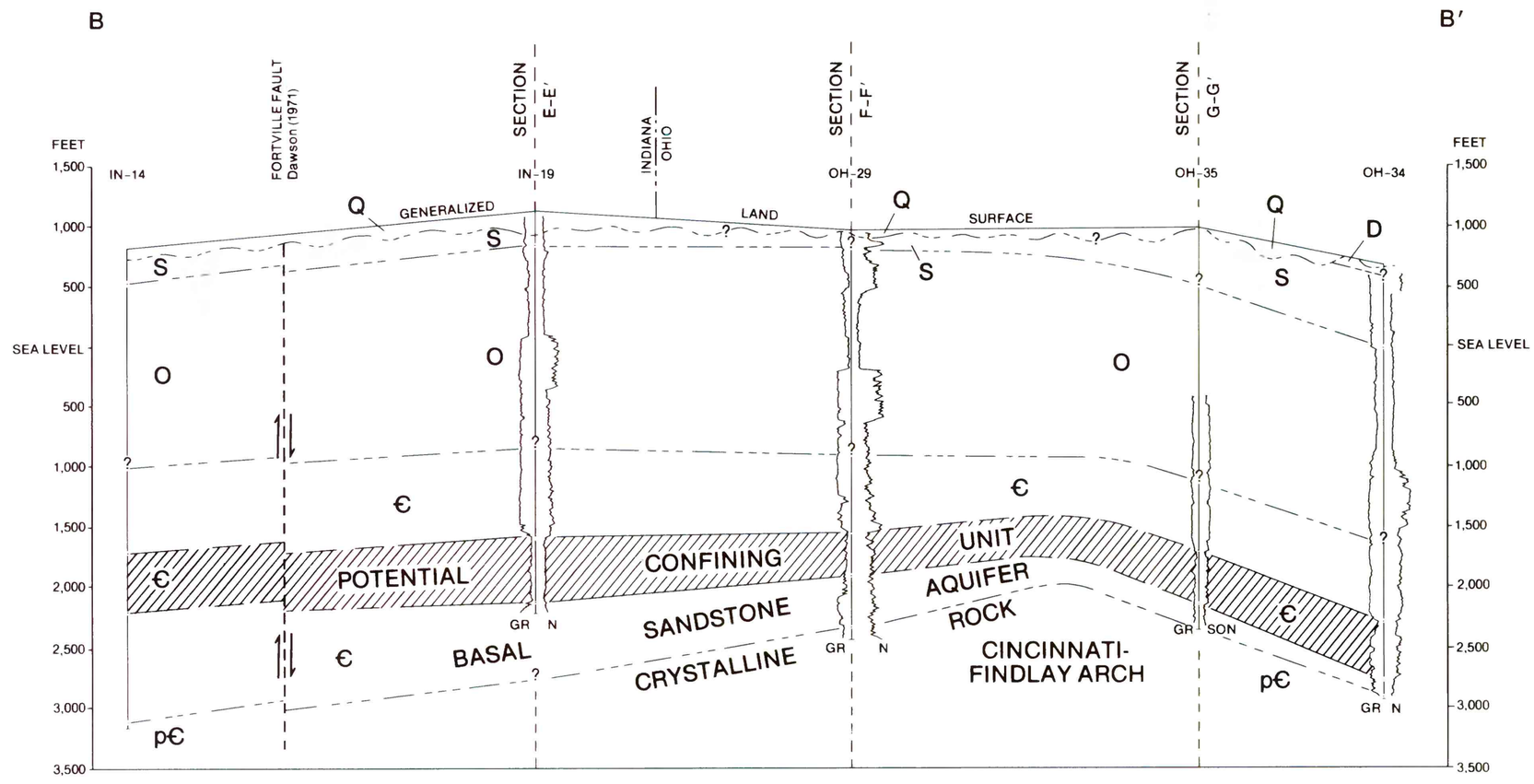

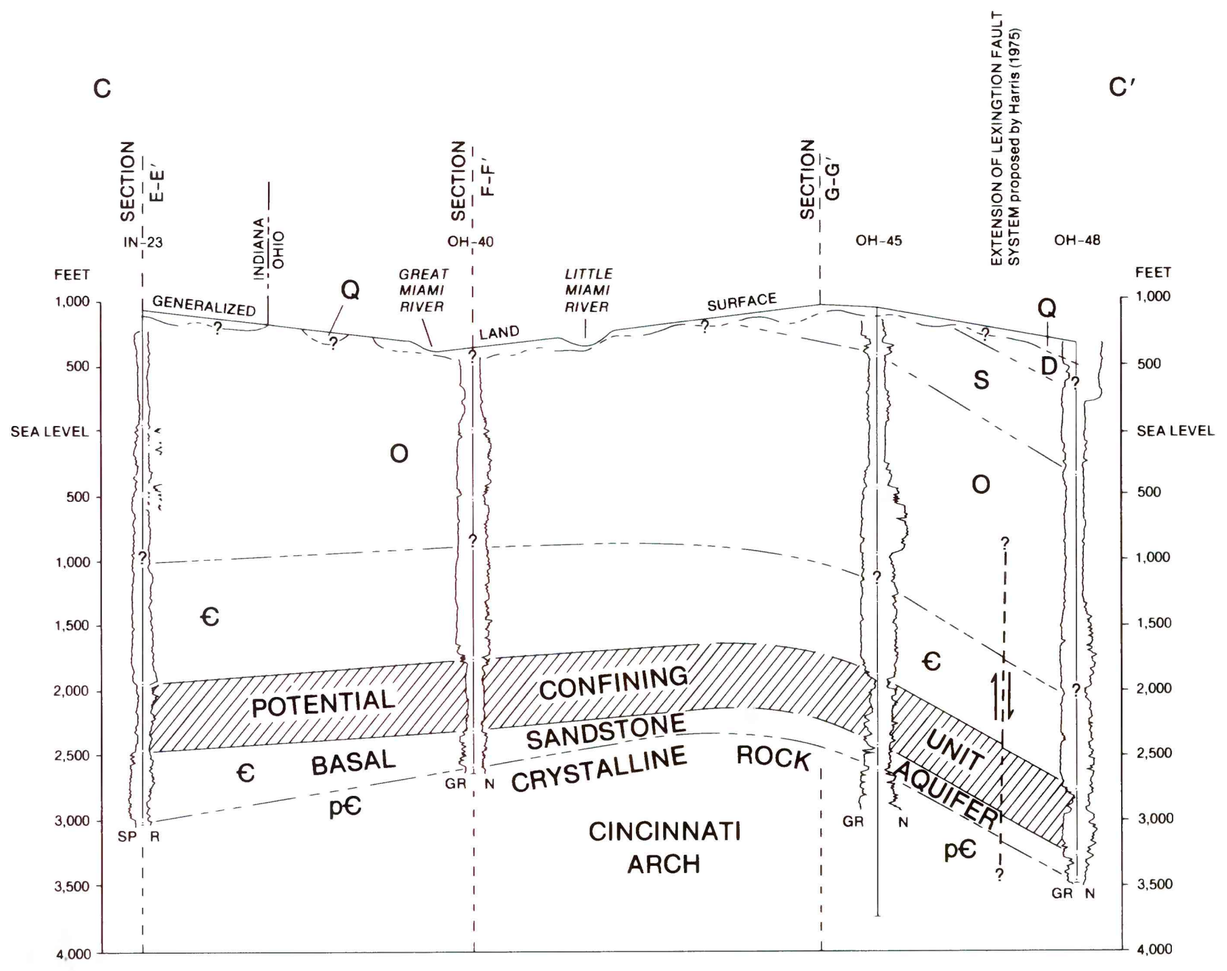

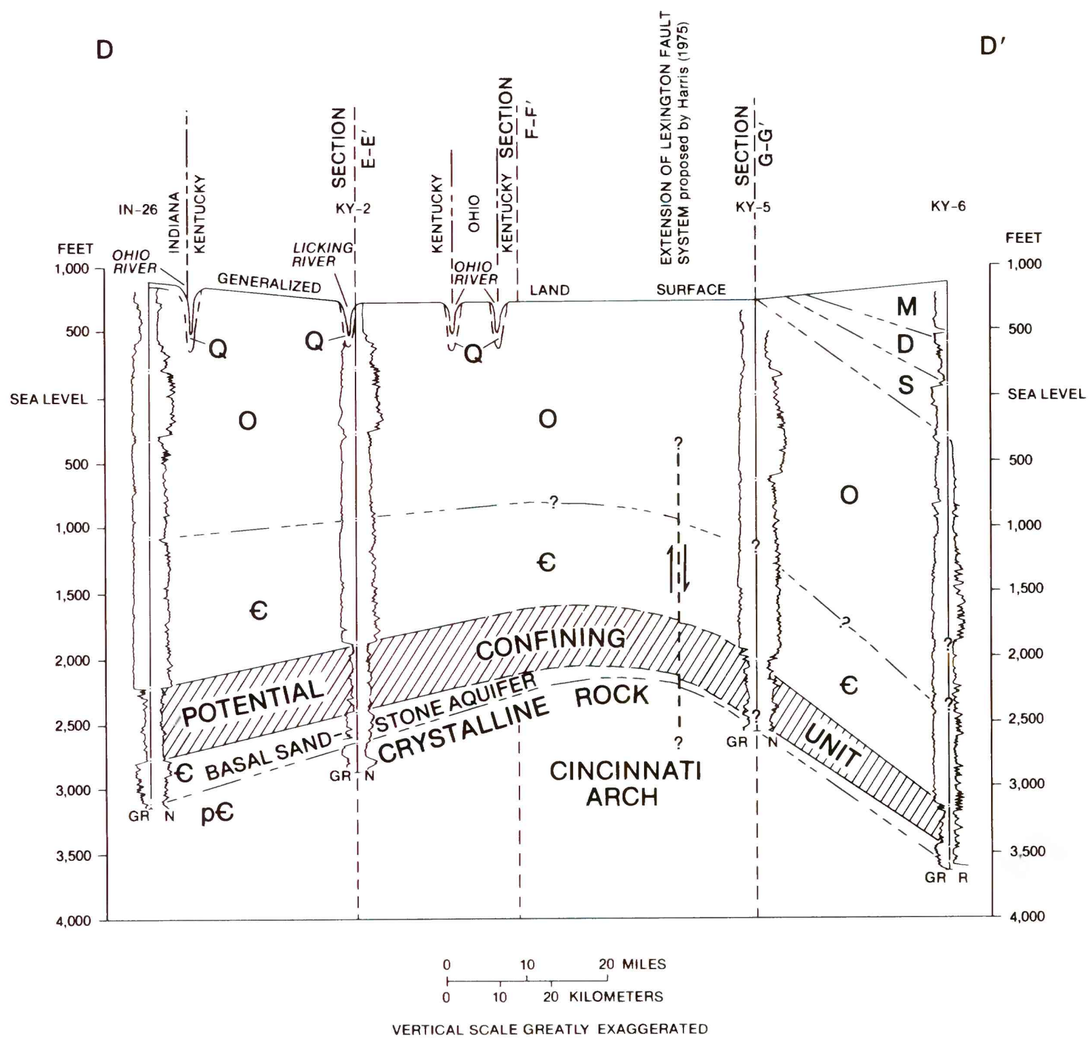

EXPLANATION

? BOUNDARY OF GEOLOGIC ROCK SYSTEMS--Queried where location is uncertain

? BOUNDARY OF SANDSTONE AQUIFER AND CONFINING UNIT--Dashed where inferred. Queried where location is uncertain

? FAULT--Arrows indicate relative direction of displacement. Dashed where approximate. Queried where questionable

IN-11 WELL--Number is sequential well number. Alphabetical prefix is state abbreviation (see table 1)

GEOPHYSICAL LOGS USED

BD - Bulk density log
GR - Gamma ray log
N - Neutron log
R - Resistivity log
SON - Sonic velocity log
SP - Spontaneous potential log

GEOLOGIC ROCK UNITS

Q - Quaternary
M - Mississippian
D - Devonian
O - Ordovician
€ - Cambrian
p€ - Precambrian

SECTIONS LOCATED IN FIGURE 2

EAST-WEST HYDROGEOLOGIC SECTIONS A-A′, B-B′, C-C′, AND D-D′ IN THE CINCINNATI ARCH REGION