

**EXPLANATION**

**RECHARGE AREAS FOR PRIMARY AQUIFERS**  
(Areas susceptible to contamination—Modified from Adams and others, 1926).

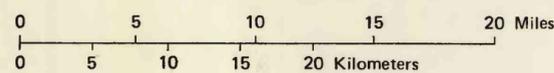
- Quaternary **Qalt** Alluvial and terrace deposit aquifers.
- Tertiary
  - Tha** Hatchetigbee
  - Ttu** Tuscahoma Sand
  - Tnf** Nanafalia aquifer
 } Lisbon aquifer
- Cretaceous
  - Kr** Ripley aquifer
  - Ke** Eutaw aquifer
  - Kg** Gordo aquifer
  - Kck** Coker aquifer
 } Tuscaloosa aquifer
- Paleozoic
  - Oe** Cambrian—Ordovician Limestone and Dolomite aquifers
  - Ec** Conasauga aquifer

- 200— POTENTIOMETRIC CONTOUR OF THE TUSCALOOSA AQUIFER—Shows altitude at which water level would have stood in tightly cased wells (1982). Hachures indicate depression. Contour interval 50 feet. Datum is sea level.
- 150— POTENTIOMETRIC CONTOUR OF THE EUTAW AQUIFER—Shows altitude at which water level would have stood in tightly cased wells (1982). Hachures indicate depression. Contour interval 50 feet. Datum is sea level.
- 50— POTENTIOMETRIC CONTOUR OF THE RIPLEY AQUIFER—Shows altitude at which water level would have stood in tightly cased wells (1982). Hachures indicate depression. Contour interval 50 feet. Datum is sea level.
- 100— POTENTIOMETRIC CONTOUR OF THE LISBON AQUIFER—Shows altitude at which water level would have stood in tightly cased wells (1982). Hachures indicate depression. Contour interval 50 feet. Datum is sea level.

AQUIFER BOUNDARY CONCEALED BY ALLUVIAL AND TERRACE DEPOSITS

- 1 PUBLIC WATER—SUPPLY WELL—Numbers correspond to those given in table 1.
- 2 PUBLIC WATER—SUPPLY SPRING—Numbers correspond to those given in table 1.
- ⊗ ABANDONED PUBLIC WATER—SUPPLY WELL.

Base from U.S. Geological Survey 1:250,000 quadrangles Birmingham, 1955, revised 1969; Montgomery, 1955, revised 1969; and Andalusia, 1954, revised 1970



RECHARGE AREAS AND POTENTIOMETRIC SURFACES OF THE MAJOR AQUIFERS, AREAS SUSCEPTIBLE TO CONTAMINATION, AND LOCATIONS OF PUBLIC WATER—SUPPLY WELLS