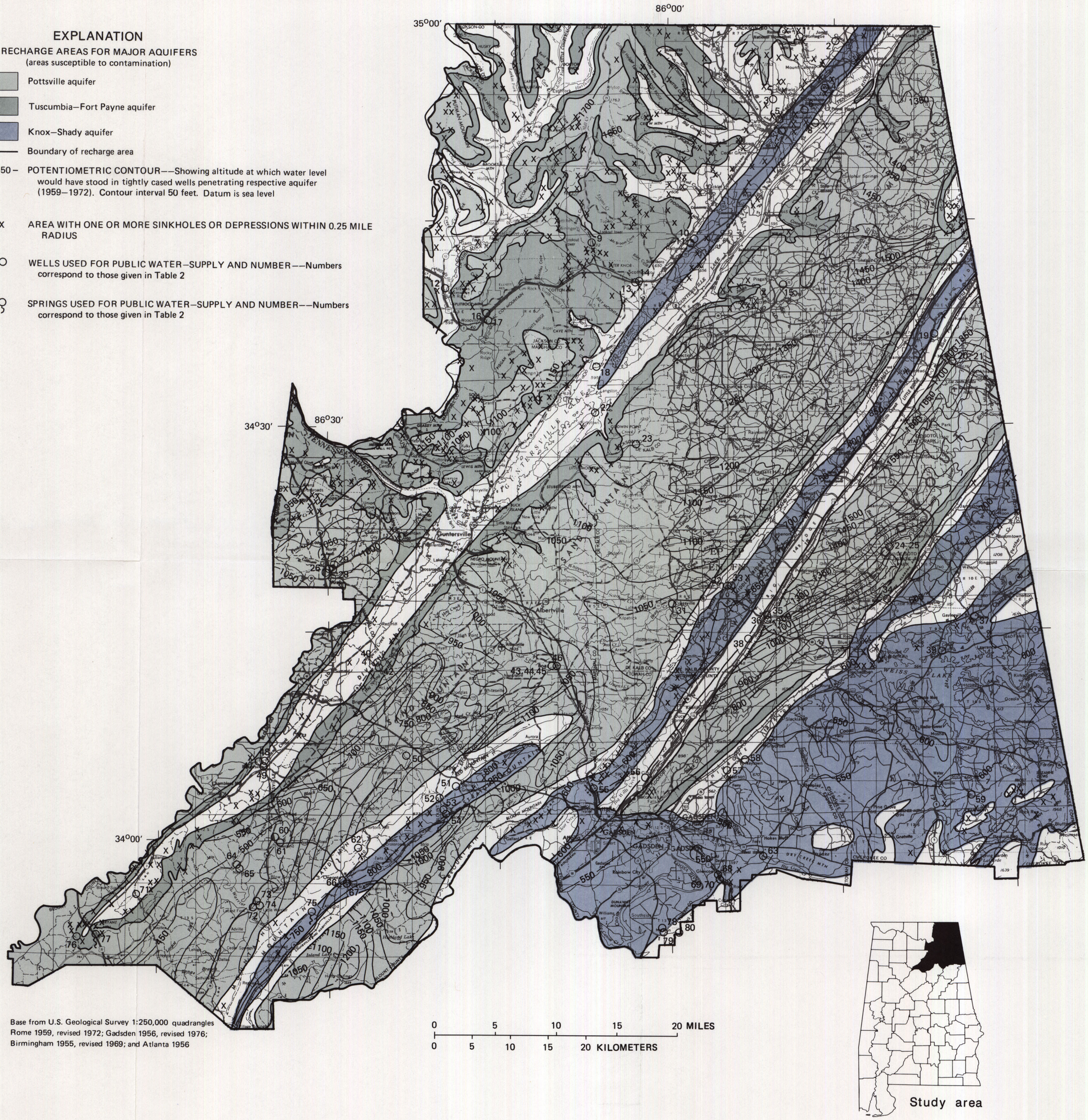
EXPLANATION

RECHARGE AREAS FOR MAJOR AQUIFERS
(areas susceptible to contamination)

- Pottsville aquifer
- Tuscumbia–Fort Payne aquifer
- Knox–Shady aquifer
- Boundary of recharge area
- —450— POTENTIOMETRIC CONTOUR--Showing altitude at which water level would have stood in tightly cased wells penetrating respective aquifer (1959–1972). Contour interval 50 feet. Datum is sea level
- X AREA WITH ONE OR MORE SINKHOLES OR DEPRESSIONS WITHIN 0.25 MILE RADIUS
- 11 WELLS USED FOR PUBLIC WATER–SUPPLY AND NUMBER--Numbers correspond to those given in Table 2
- 10 SPRINGS USED FOR PUBLIC WATER–SUPPLY AND NUMBER--Numbers correspond to those given in Table 2



Base from U.S. Geological Survey 1:250,000 quadrangles Rome 1959, revised 1972; Gadsden 1956, revised 1976; Birmingham 1955, revised 1969; and Atlanta 1956

PLATE 1.--AREAS SUSCEPTIBLE TO CONTAMINATION, RECHARGE AREAS, AND LOCATIONS OF PUBLIC WATER SUPPLY WELLS AND SPRINGS FOR MAJOR AQUIFERS, AND POTENTIOMETRIC SURFACES OF KNOX-SHADY AND POTTSVILLE AQUIFERS.