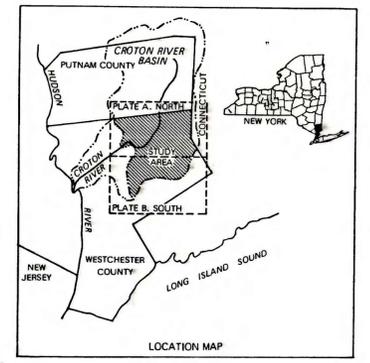




ESTIMATED THICKNESS

The thickness value of stratified-drift deposits in most areas was estimated from well logs that indicate sand and gravel, although the estimates may reflect interspersed layers of clay, silt, and till if such units are not extensive and if the deposit is under water-table conditions. Thickness was measured from land surface to bedrock or the the uppermost confining unit. A thickness of less than 20 feet is assumed for areas in which well logs were unavailable; this value is relatively high for recent deposits in local depressions but probably is low for stratified-drift deposits in glacially scoured valleys. The aquifer boundaries and thickness designations are generalized and may be subject to modification.

- EXPLANATION**
- Estimated aquifer thickness, in feet
- 4 Greater than 100
 - 3 50 to 100
 - 2 20 to 50
 - 1 Less than 20
 - Area where stratified-drift deposits are absent
 - Basin boundary
 - Thickness boundary



ESTIMATED THICKNESS AND POTENTIAL WELL YIELD OF STRATIFIED-DRIFT DEPOSITS IN THE UPPER CROTON RIVER BASIN, WESTCHESTER COUNTY, NEW YORK

By Stephen W. Wolcott and Don J. Irwin

Plate 2A: Estimated Thickness 1988