



AQUIFER THICKNESS

By
Timothy S. Pagano and David B. Terry

EXPLANATION

LINE OF EQUAL SATURATED THICKNESS OF AQUIFER - contour interval: 20 feet.

AQUIFER BOUNDARY - dashed where full extent of aquifer is not shown

305-627-1

COMMUNITY WATER-SYSTEM WELL OR INDUSTRIAL WELL - numbers are based upon latitude and longitude, after Kantrowitz (1970)

X

DATA POINT

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AREA OF INSUFFICIENT DATA

NOTE

Aquifer thickness represents the estimated saturated thickness of all permeable sediments. Permeable sediments range from fine sand to boulders. Layers of relatively impermeable clay and silt may occur within the layers of permeable sediment. The thicknesses of these relatively impermeable sediments are not included in this map.

Thicknesses were determined using geologic sections from this report (see Figure 1), lithologic logs and water levels from wells and borings of the New York State Department of Public Works (1966), New York State Department of Health, 1982, New York State Atlas of Community Water System Sources: Bureau of Public Water Supply Protection, 79 p.

REFERENCES

Kantrowitz, I.H., 1970, Ground-water resources of the eastern Oswego River basin, New York, New York State Water Resources Commission Basin Planning Report ODR-2, 129 p.

New York State Department of Health, 1982, New York State Atlas of Community Water System Sources: Bureau of Public Water Supply Protection, 79 p.

New York State Department of Public Works, 1966, Plans for Barge Canal Contract 12, Onondaga Lake to Mosquito Point, 89 p.

O'Brien and Gere, 1968, Onondaga County Public Water Supply Study, CPWS-21: Appendices