UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED BY ENGINEERING ENTERPRISES, INC., NORMAN, OKLAHOMA, FOR THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY UNDER CONTRACT NO. 68-01-6389

WATER RESOURCE INVESTIGATIONS
REPORT 85-4096 (SHEET 4 OF 7)

78°17'30" 78°15' 78°12'30" 78°10'

AQUIFER THICKNESS

By

David B. Terry and Timothy S. Pagano

43°02'30"

EXPLANATION

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

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

258-809-1 COMMUNITY WATER-SYSTEM WELL OR INDUSTRIAL WELL - numbers are based upon latitude and longitude, after LaSala (1968)

X DATA POINT

NOTE

Aquifer thickness contours represent the estimated thickness of permeable sediments from the water table to the top of the till or bedrock. The permeable sediments range from fine sand to coarse gravel. Minor, discontinuous deposits of silt and clay often occur in the aquifer material, and for convenience are considered part of the aquifer material. Extensive deposits of silt and clay are not considered part of the aquifer material (see geologic sections, sheet 2).

43°00'

REFERENCE

LaSala, A. M., 1968, Ground Water Resources of the Erie-Niagara Basin, New York, New York State Conservation Dept. Basin Planning Report ENB-3, 114 p.

42°57'30"

AQUIFER AREA

DRAINAGE AREA

42°55'

45°52'30"

BATAVIA

ALEXANDER

259-809-8

259-809-T,2,6

258-809-1,2

259-810-

255-812-1,2

SCALE 1:24 000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 KILOMETER

GEOHYDROLOGY OF THE GLACIAL-OUTWASH AQUIFER IN THE BATAVIA AREA, TONAWANDA CREEK, GENESEE COUNTY, NEW YORK

1984

BASE FROM NEW YORK STATE DEPARTMENT OF TRANSPORTATION PLANIMETRIC MAPS, BATAVIA SOUTH, N.Y. 1977, BATAVIA NORTH, N.Y. 1977, ALEXANDER, N.Y. 1977, ATTICA, N.Y. 1977, DALE, N.Y. 1977, 1:24,000