



EXPLANATION

- STRATIFIED-DRIFT AQUIFER—Typically medium sand to gravels but may contain intervals of fine sand
- STRATIFIED-DRIFT AQUIFER OVER GLACIAL-LAKE-BOTTOM DEPOSITS—Typically sands or gravels over lake-bottom deposits of layered silts, clays, and very fine sand
- STRATIFIED-DRIFT AQUIFER WITHIN OR BENEATH GLACIAL-LAKE-BOTTOM DEPOSITS—Typically stratified-drift aquifer material above and within or beneath lake-bottom deposits of layered silts, clays, and very fine sand
- STRATIFIED-DRIFT AQUIFER BENEATH TILL
- GLACIAL-LAKE-BOTTOM DEPOSITS—Typically layered silts, clays, and very fine sand
- TILL-COVERED BEDROCK

TRANSMISSIVITY OF STRATIFIED-DRIFT AQUIFER (in feet squared per day)

- Less than 1000
- 1000 to 2000
- 2000 to 4000
- 4000 to 8000
- Greater than 8000
- Unable to contour saturated thickness and transmissivity
- Unable to contour transmissivity

AQUIFER BOUNDARY AND GEOLOGIC CONTACT—Approximately located:
dashed where inferred, dotted where concealed

— LINE OF EQUAL SATURATED THICKNESS OF STRATIFIED DRIFT—Contour interval is 40 feet

- - - DRAINAGE-BASIN DIVIDE

→ AQUIFER EXTENDS BEYOND STUDY AREA

R ROCK OUTCROP

SCALE 1:48,000
0 1 2 3 4 5 MILES
0 1 2 3 4 5 KILOMETERS
CONTOUR INTERVAL VARIES
NATIONAL GEODETIC VERTICAL DATUM OF 1989

**SATURATED THICKNESS AND TRANSMISSIVITY OF STRATIFIED DRIFT IN THE CONTOOCCOOK RIVER
BASIN, SOUTH-CENTRAL NEW HAMPSHIRE, NORTHERN SUBBASINS**

Base from U.S. Geological Survey
Lowell Min., N.H., 1984; Newport, N.H., 1984;
Sauger, N.H., 1985; 1:25,000 scale
Hillsborough Upper Village, N.H., 1987
Hemlock, N.H., 1987; Hopkinton, N.H., 1985;
Concord, N.H., 1985; Bradford, N.H., 1987;
Warner, N.H., 1987; Webster, N.H., 1987;
Pittsford, N.H., 1987; New London, N.H., 1987;
Andover, N.H., 1987; Franklin, N.H., 1987;
Grafton, N.H., 1987; Dunbury, N.H., 1987;
1:24,000 scale

By
Philip T. Harto and William Johnson
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Geology by P.T. Harto, William Johnson, and Richard B. Moore-1989-92