DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
NEW HAMPSHIRE STATE DEPARTMENT OF ENVIRONMENTAL SERVICES
WATER RESOURCES DIVISION

WATER RESOURCES INVESTIGATIONS 91-4025
PLATE 4

71°27'30" 71°25' 71°22'30" 71°20' 71°17'30" 71°15'

42°55' 42°52'30" 42°50' 42°47'30" 42°45'

EXPLANATION

FINE-GRAINED STRATIFIED DRIFT--Sorted sediments deposited by or in glacial meltwaters. Materials range principally from clay to fine sand

COARSE-GRAINED STRATIFIED DRIFT--Sorted sediments deposited by or in glacial meltwaters. Materials range principally from medium sand to cobble gravel

COARSE-GRAINED STRATIFIED DRIFT OVERLYING FINE-GRAINED STRATIFIED DRIFT--Materials consist principally of medium to coarse sand overlying significant thicknesses of clay, silt, and fine sand

TILL-COVERED BEDROCK

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

Less than 1,000

1,001-2,000

2,001-4,000

Greater than 4,000

20 SATURATED THICKNESS CONTOUR--Line of equal saturated thickness of stratified drift. Contour interval is 20 feet

AQUIFER BOUNDARY AND (OR) GEOLOGIC CONTACT--Approximately located; dashed where inferred; dotted where concealed

DRAINAGE-BASIN DIVIDE

PLATE INDEX

SCALE 1:24 000

1 ½ 0 1 MILE

1 .5 0 1 KILOMETERS

CONTOUR INTERVAL 20 FEET
AND 10 FEET IN SOUTHERNMOST PART
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Base from U.S. Geological Survey
Derry, NH, 1968 (photorevised 1985);
Lowell, MA-NH, 1966;
Manchester South, NH, 1968 (photorevised 1985);
Nashua North, NH, 1968 (photorevised 1985);
Windham, NH, 1953 (photorevised 1985);
1:24,000 scale

SATURATED THICKNESS, TRANSMISSIVITY, AND MATERIALS OF STRATIFIED-DRIFT AQUIFERS IN THE LOWER MERRIMACK AND COASTAL RIVER BASINS, SOUTHEASTERN NEW HAMPSHIRE

Geohydrology by P.J. Stekl and S.M. Flanagan-1988