

EXPLANATION

- STRATIFIED-DRIFT AQUIFER
- TILL-COVERED BEDROCK
- WATER-TABLE CONTOUR—Contour interval 20 feet, dashed where approximated. Arrow indicates general direction of ground-water flow.
- AQUIFER BOUNDARY AND (OR) GEOLOGIC CONTACT—Approximately located, dashed where inferred; dotted where concealed.
- DRAINAGE-BASIN DIVIDE
- GEOHYDROLOGIC SECTION—Shown in figure 6
- GEOHYDROLOGIC SECTIONS—Based on seismic-refraction data. Shown in figures A1-A3
- CROSS SECTION—Based on seismic-refraction data. Profile shown in figure 13
- HAZARDOUS-WASTE SITE ON THE NATIONAL PRIORITY LIST (U.S. ENVIRONMENTAL PROTECTION AGENCY, 1980b)
- HAZARDOUS-WASTE SITE ON THE REGULATED FACILITIES LIST (NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES, 1987)
- LOW-FLOW STREAMFLOW MEASUREMENT SITE AND NUMBER
- U.S. GEOLOGICAL SURVEY STREAMFLOW GAGING STATION
- SPRING
- CHEMICAL ANALYSIS OF WELL WATER

WELL OR BORING	MUNICIPAL WELL	
PENETRATED ONLY UNCONSOLIDATED DEPOSITS	W27	W274
REACHED REFUSAL OR BEDROCK	W254	
PENETRATED BEDROCK	W100	W79

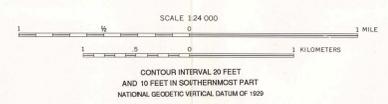
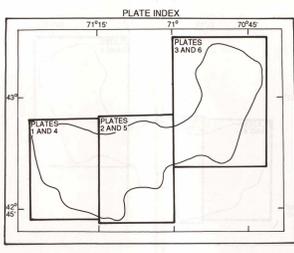
NUMBER IS LOCAL SITE IDENTIFICATION NUMBER. THE FOLLOWING PREFIXES ARE USED WITH WELL, AUGER, AND BRIDGE BORING SITE IDENTIFICATION:
(A) AUGER BORING; (B) BRIDGE BORING; (C) CASED WELL.

Letter and number identifying the site, are shown without a preceding two letter type code to conserve space. (See section on numbering system for wells, test holes, and springs)

WELL IDENTIFIER

Na^+, K^+ Cl^-, F^-
 Mg^{+2} SO_4^{-2}
 Ca^{+2} $HCO_3^- CO_3^{-2}$
 Cations Anions
 $\frac{0.5}{0.5}$ $\frac{0.5}{0.5}$

IONS, IN MILLIEQUIVALENTS PER LITER
CONCENTRATION OF MAJOR CHEMICAL CONSTITUENTS IN GROUND WATER



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);
Wauhan, NH, 1963 (photorevised 1985);
1:24,000 scale

AQUIFER BOUNDARIES, DATA-COLLECTION LOCATIONS, ALTITUDES OF THE WATER TABLE, HAZARDOUS-WASTE SITES, AND CONCENTRATIONS OF MAJOR CHEMICAL CONSTITUENTS FOR STRATIFIED-DRIFT AQUIFERS IN THE LOWER MERRIMACK AND COASTAL RIVER BASINS, SOUTHEASTERN NEW HAMPSHIRE

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