



**EXPLANATION**

- STRATIFIED-DRIFT AQUIFER—Materials are typically thinly-saturated coarse-grained stratified drift overlying fine-grained lake-bottom deposits in the main valley of the Connecticut River; thicker deposits of saturated coarse-grained aquifer material can be found in the upland valley areas
- TILL-COVERED BEDROCK
- AQUIFER BOUNDARY—Approximately located; dashed where inferred; dotted where concealed
- DRAINAGE-BASIN DIVIDE
- GROUND-WATER DIVIDE
- WATER-TABLE CONTOUR—Approximately located; contours are in feet above sea level; contour interval varies. Arrow indicates general direction of groundwater flow. (Local anomalies in flow that result from ground-water withdrawals are not shown)
- SEISMIC-REFRACTION LINE—Sequence letters given for each town
- GEOHYDROLOGIC SECTION
- BEDROCK OUTCROP—Within or adjacent to stratified-drift aquifer
- LOW-STREAMFLOW-MEASUREMENT SITE AND NUMBER—Data reported in Appendix E

	WELL OR BORING	PUBLIC-SUPPLY WELL	USGS OBSERVATION WELL OR BORING
PENETRATED ONLY UNCONSOLIDATED DEPOSITS	W37	W6	W8
REACHED REFUSAL OR BEDROCK	B5	W60	A27
PENETRATED BEDROCK	W62	W22	
CHEMICAL ANALYSIS OF WATER			W2

NUMBER IS LOCAL SITE AND IDENTIFICATION NUMBER. THE FOLLOWING PREFIXES ARE USED WITH WELL, AUGER, AND BRIDGE BORING SITE IDENTIFICATION: (A) AUGER BORINGS, (B) BRIDGE BORINGS, (W) CASSED WELLS

Letter and number, identifying the site, are shown without a preceding two-letter town code to conserve space. (See section in text on numbering system for wells, borings, and springs)

**WELL IDENTIFIER**

Diagram showing chemical constituents: Na+K, Ca, Mg, SO4, HCO3+CO3. Scale: IONS, IN MILLIEQUIVALENTS PER LITER. CONCENTRATION OF MAJOR CHEMICAL CONSTITUENTS IN GROUND WATER.

Base from U.S. Geological Survey  
Bethlehem, N.H., 1982; Lancaster, N.H.-VT, 1982;  
Mount Washington, N.H., 1982; 1:25,000 scale  
Crawford Notch, N.H., provisional, 1987;  
Franconia, N.H., 1967; South Twin Mountain, N.H., 1967;  
Stairs Mountain, N.H., provisional, 1987; 1:24,000 scale

**AQUIFER BOUNDARIES, DATA-COLLECTION LOCATIONS, ALTITUDE OF WATER TABLE, AND CONCENTRATION OF MAJOR CHEMICAL CONSTITUENTS FOR STRATIFIED-DRIFT AQUIFERS IN THE MIDDLE CONNECTICUT RIVER BASIN, WEST-CENTRAL NEW HAMPSHIRE, NORTHEASTERN QUADRANT**

By  
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