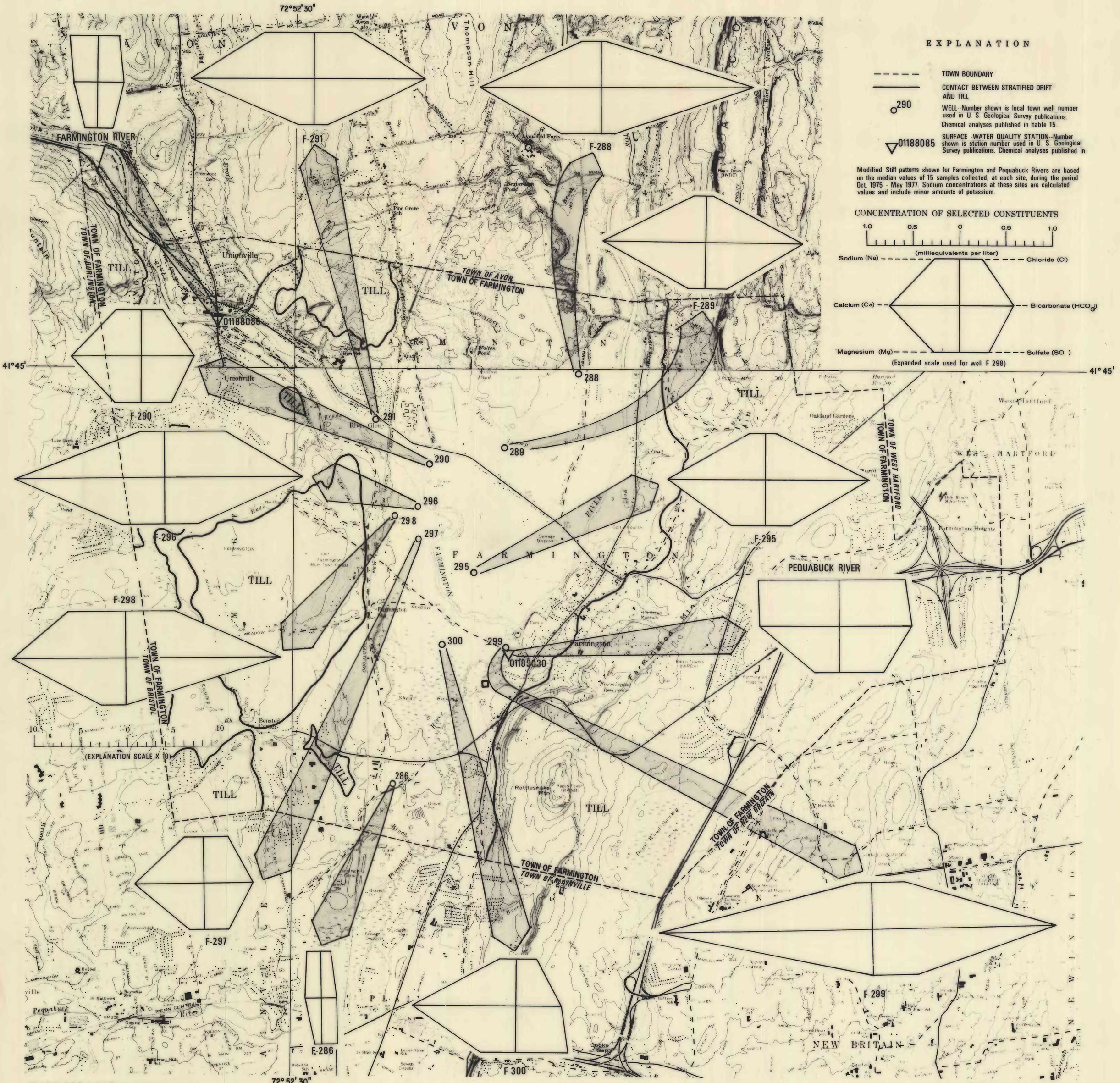
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with the
TOWN OF FARMINGTON, CONNECTICUT

WATER-RESOURCES INVESTIGATIONS
PLATE G



EXPLANATION

TOWN BOUNDARY

CONTACT BETWEEN STRATIFIED DRIFT AND TILL

290 — WELL--Number shown is local town well number used in U. S. Geological Survey publications. Chemical analyses published in table 15.

01188085 — SURFACE-WATER QUALITY STATION--Number shown is station number used in U. S. Geological Survey publications. Chemical analyses published in

Modified Stiff patterns shown for Farmington and Pequabuck Rivers are based on the median values of 15 samples collected, at each site, during the period Oct. 1975 - May 1977. Sodium concentrations at these sites are calculated values and include minor amounts of potassium.

CONCENTRATION OF SELECTED CONSTITUENTS

1.0 0.5 0 0.5 1.0

(milliequivalents per liter)

Sodium (Na) — Chloride (Cl)

Calcium (Ca) — Bicarbonate (HCO_3)

Magnesium (Mg) — Sulfate (SO)

(Expanded scale used for well F 298)

Base from U. S. Geological Survey 1:24,000 Quadrangles
Avon 1957, Photorevision 1968
Bristol 1966, Photorevision 1972
Collinsville 1956, Photorevision 1968
New Britain 1966

Contact between stratified drift and till from H. E. Simpson (1959, 1961), R. W. C Schnabel (1962), and R. B. Colton (1970).

QUALITY OF GROUND WATER AND SURFACE WATER FARMINGTON, CONNECTICUT