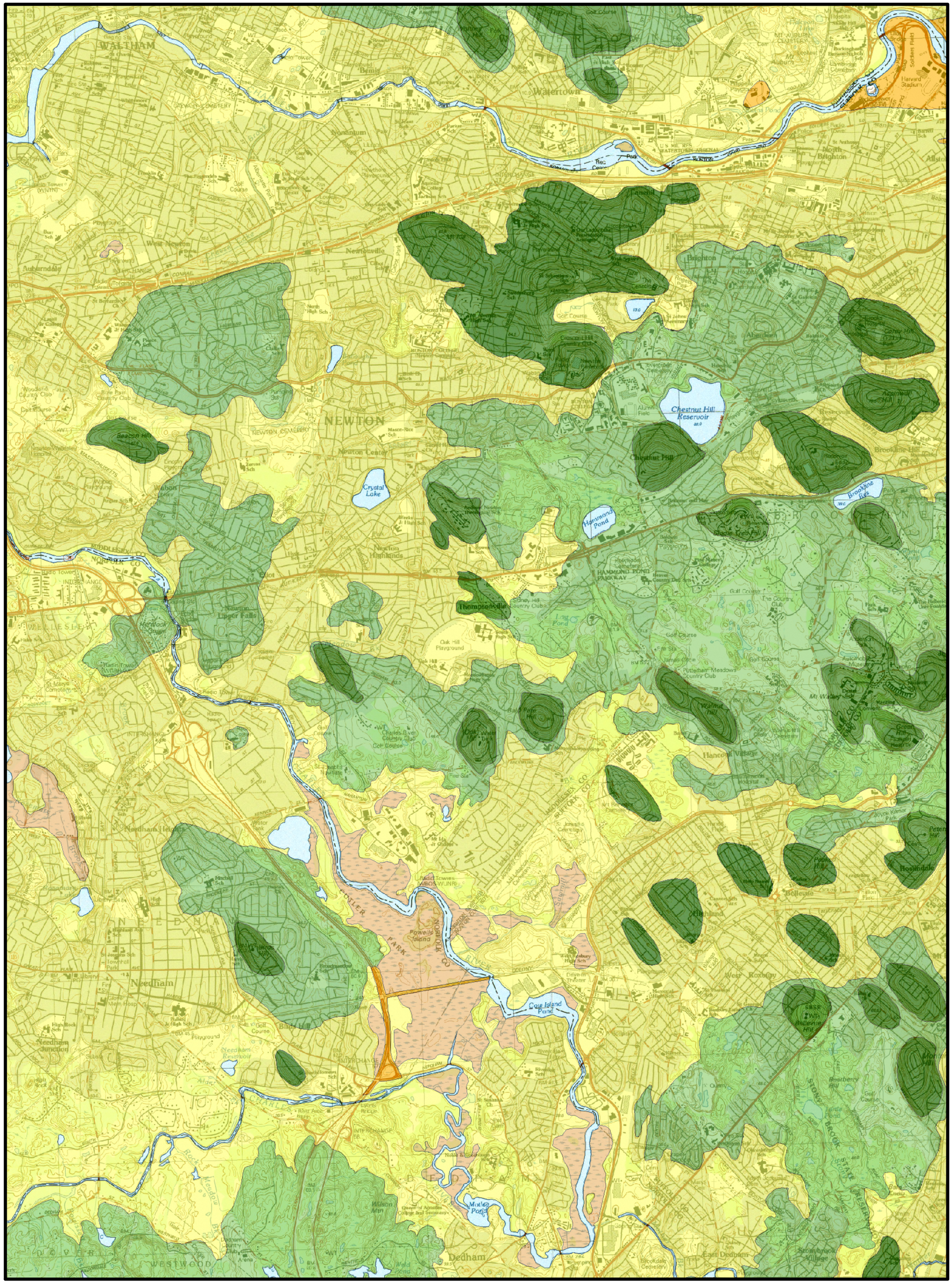

Plate 5
Surficial Geologic Map of the Newton Quadrangle, Massachusetts

Compiled by C.M. Brankman, 2004
from published and unpublished sources
(see text for references)

Geologic Units

Artifical Fill - Engineered or unengineered fill; primarily sand with gravel; composition, character, and density varies with location and age.

Glacial Till, Drumlin - Glacial till, consiting primarily of clay and sand with gravel, cobbles, and silt; generally dense to very dense, varies in color from yellow to orange to brown/grey.

Glacio-fluvial deposits - Glacial outwash and drift deposited by melt-water. Consists primarily of and sand and gravel with cobbles; heterogenous; stratified in places; loose to moderately dense. Includes outwash, eskers, kames.

Glacial Till, ground moraine - Glacial till, consisting primarily of clay and sand with gravel, cobbles, and silt; generally dense to very dense, varies in color from yellow to orange to brown/grey. Large areas of bedrock exposure.

Marsh Deposits - Modern marsh and swamp deposits, consisting primarily of silt and fine sand with abundant organics and peat; occasional clay and/or gravel lenses; generally loose to moderately dense/stiff; color generally brown to dark grey/black.

Notes - All geologic contacts are approximate. Topographic base is 1:25000 USGS topographic quadrangles as provided in digital format by MassGIS. Datum is Massachusetts State Plane, NAD 83.

N

Scale - 1:24,000

Kilometers
0 0.5 1 2 3 4

0 0.5 1 1.5 2
Miles