

Margin Notes

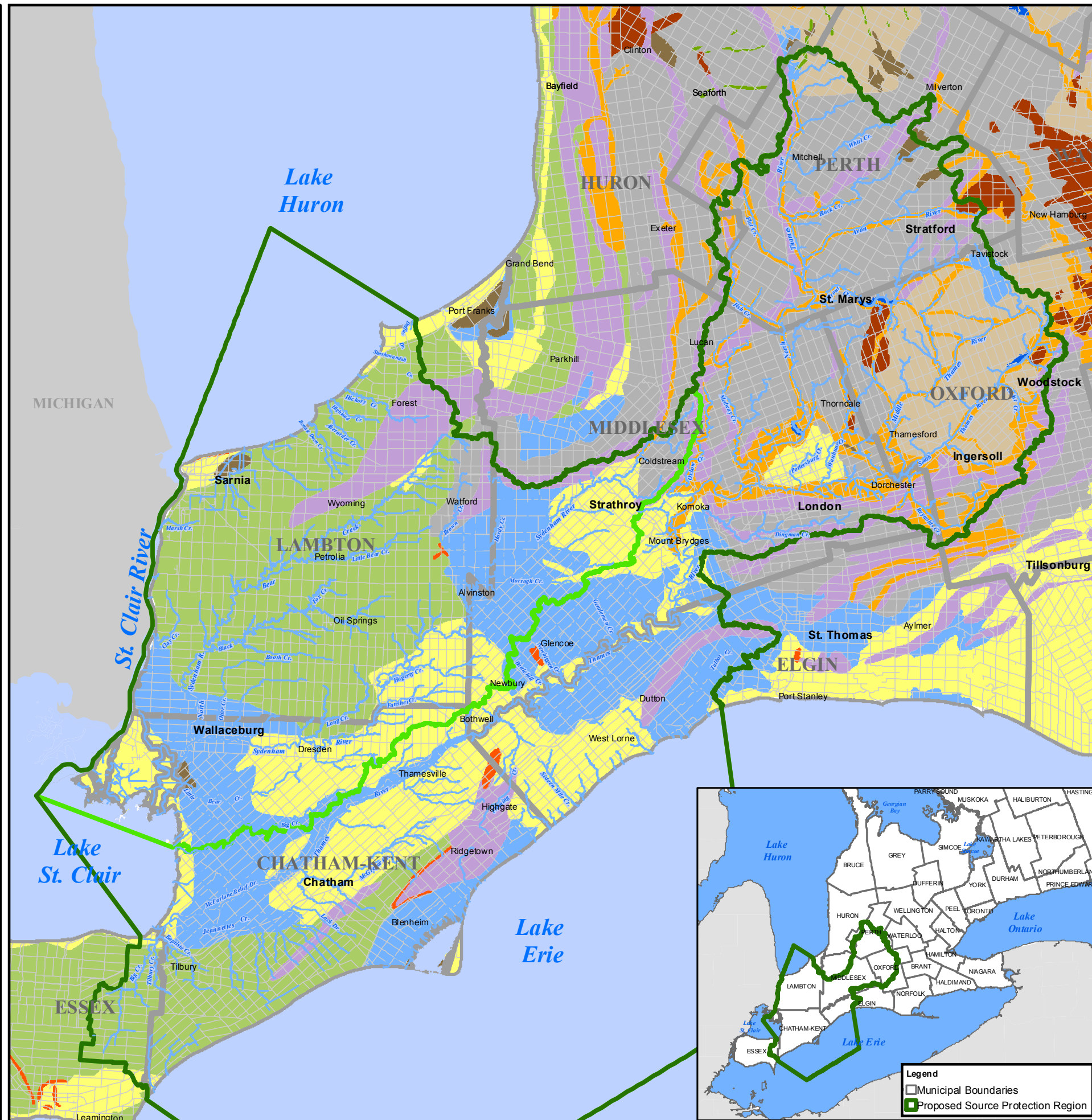
Physiography is the study of natural landscape features. The physiographic characteristics of the Thames, Sydenham & Region are dominated by the effects of continental glaciation. A series of glacial advances and retreats resulted in the moraines, sand plains, till plains and clay plains that characterize this part of southwestern Ontario. These have varying characteristics depending on their origin and may be significantly affected by remnant glacial moraines, beaches and shorecliffs. Together with the surficial geology of the region, the physiographic characteristics led to the development of several different types of soil in the Thames, Sydenham & Region.

These physiographic regions have an impact on the infiltration and runoff characteristics of the region. Infiltration and runoff are significant components of the water budget for the area.

Watercourse Information
Due to the complexity of the Thames River watershed watercourse network, only 3rd order and greater watercourses are shown.

Proposed SWP Region
The proposed SWP Region is shown in a draft format until the Source Drinking Water Act has passed and become law.

Document Reference
3.2.3 Physiographic Regions

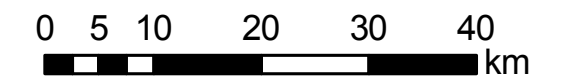
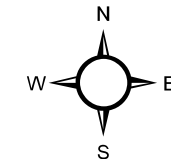


Map 20
Conceptual Water Budget
Thames, Sydenham and Region

Physiography

Legend

- Proposed Source Protection Region
 - Thames and St.Clair Area - Divide
 - Municipal Boundaries
- Physiography Type**
- Beaches and Shorecliffs
 - Bevelled Till Plains
 - Clay Plains
 - Eskers
 - Kame Moraines
 - Peat and Muck
 - Sand Plains
 - Spillways
 - Till Moraines
 - Till Plains Drumlinized
 - Till Plains Undrumlinized
 - Water



Map Created by UTRCA, May 2007

Base mapping produced under license with the Ontario Ministry of Natural Resources. © 2007.

Physiography derived from Chapman, L.J. & D.F. Putnam, 1973. The physiography of southern Ontario

SOURCE WATER PROTECTION

Proposed
Thames, Sydenham
& Region



UPPER THAMES RIVER
CONSERVATION AUTHORITY



Legend

- Municipal Boundaries
- Proposed Source Protection Region