







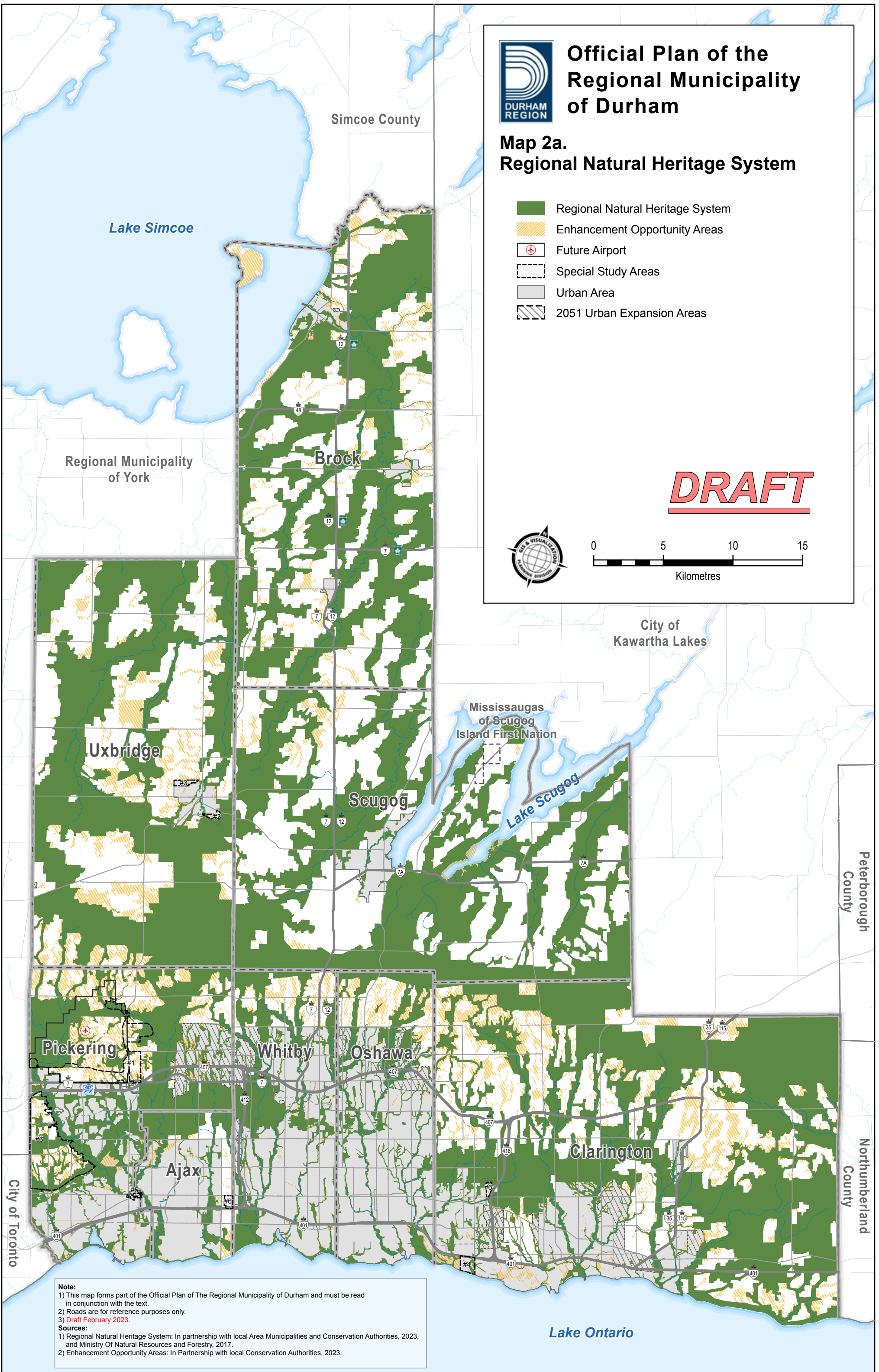


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Map 2a. Regional Natural Heritage System

-  Regional Natural Heritage System
-  Enhancement Opportunity Areas
-  Future Airport
-  Special Study Areas
-  Urban Area
-  2051 Urban Expansion Areas

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

Sources:
 1) Regional Natural Heritage System: In partnership with local Area Municipalities and Conservation Authorities, 2023, and Ministry Of Natural Resources and Forestry, 2017.
 2) Enhancement Opportunity Areas: In Partnership with local Conservation Authorities, 2023.

Lake Ontario

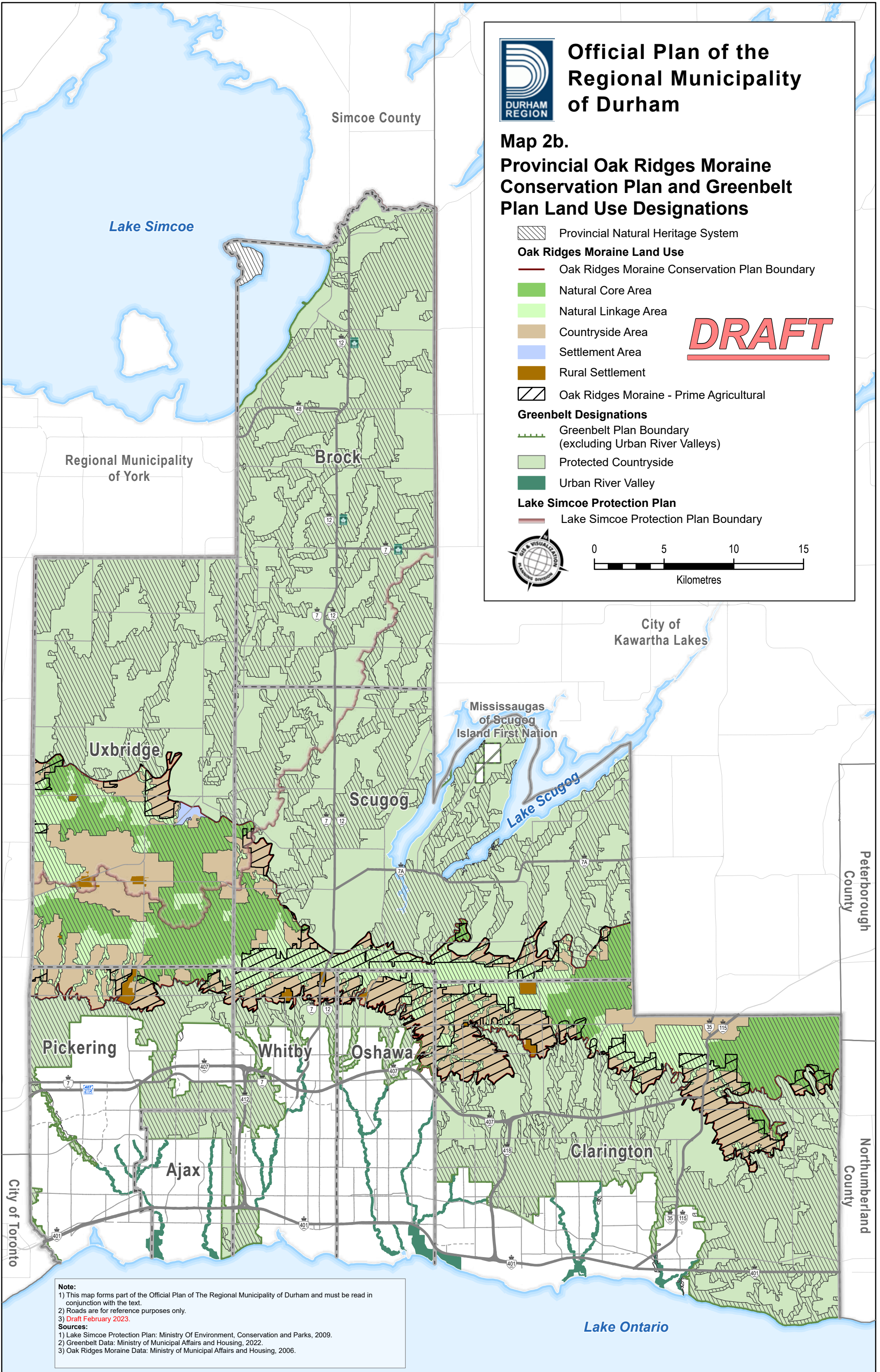


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Map 2b. Provincial Oak Ridges Moraine Conservation Plan and Greenbelt Plan Land Use Designations

-  Provincial Natural Heritage System
- Oak Ridges Moraine Land Use**
-  Oak Ridges Moraine Conservation Plan Boundary
-  Natural Core Area
-  Natural Linkage Area
-  Countryside Area
-  Settlement Area
-  Rural Settlement
-  Oak Ridges Moraine - Prime Agricultural
- Greenbelt Designations**
-  Greenbelt Plan Boundary (excluding Urban River Valleys)
-  Protected Countryside
-  Urban River Valley
- Lake Simcoe Protection Plan**
-  Lake Simcoe Protection Plan Boundary

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


Sources:
 1) Lake Simcoe Protection Plan: Ministry Of Environment, Conservation and Parks, 2009.
 2) Greenbelt Data: Ministry of Municipal Affairs and Housing, 2022.
 3) Oak Ridges Moraine Data: Ministry of Municipal Affairs and Housing, 2006.






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Map 2c. Water Resources System – Key Hydrologic Features

Key Hydrologic Features

-  Provincially Significant Wetland
-  Other Evaluated Wetlands
-  Unevaluated Wetlands
-  Lakes
-  Permanent and Intermittent Streams
-  Kettle Lakes


Greenbelt Plan

-  Protected Countryside
-  Urban River Valley
-  Oak Ridges Moraine Conservation Plan Boundary

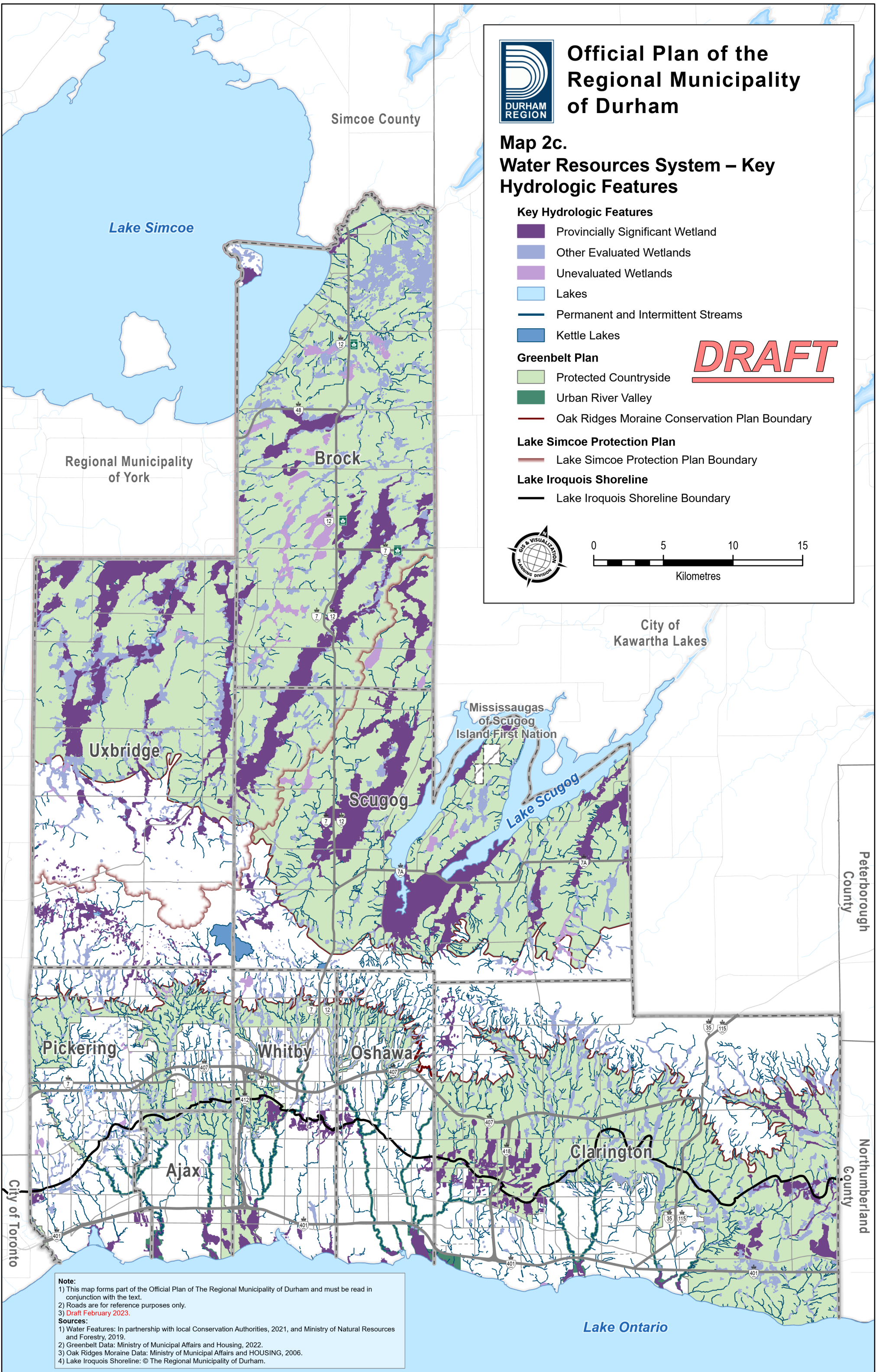
Lake Simcoe Protection Plan

-  Lake Simcoe Protection Plan Boundary

Lake Iroquois Shoreline

-  Lake Iroquois Shoreline Boundary

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Sources:
 1) Water Features: In partnership with local Conservation Authorities, 2021, and Ministry of Natural Resources and Forestry, 2019.
 2) Greenbelt Data: Ministry of Municipal Affairs and Housing, 2022.
 3) Oak Ridges Moraine Data: Ministry of Municipal Affairs and HOUSING, 2006.
 4) Lake Iroquois Shoreline: © The Regional Municipality of Durham.

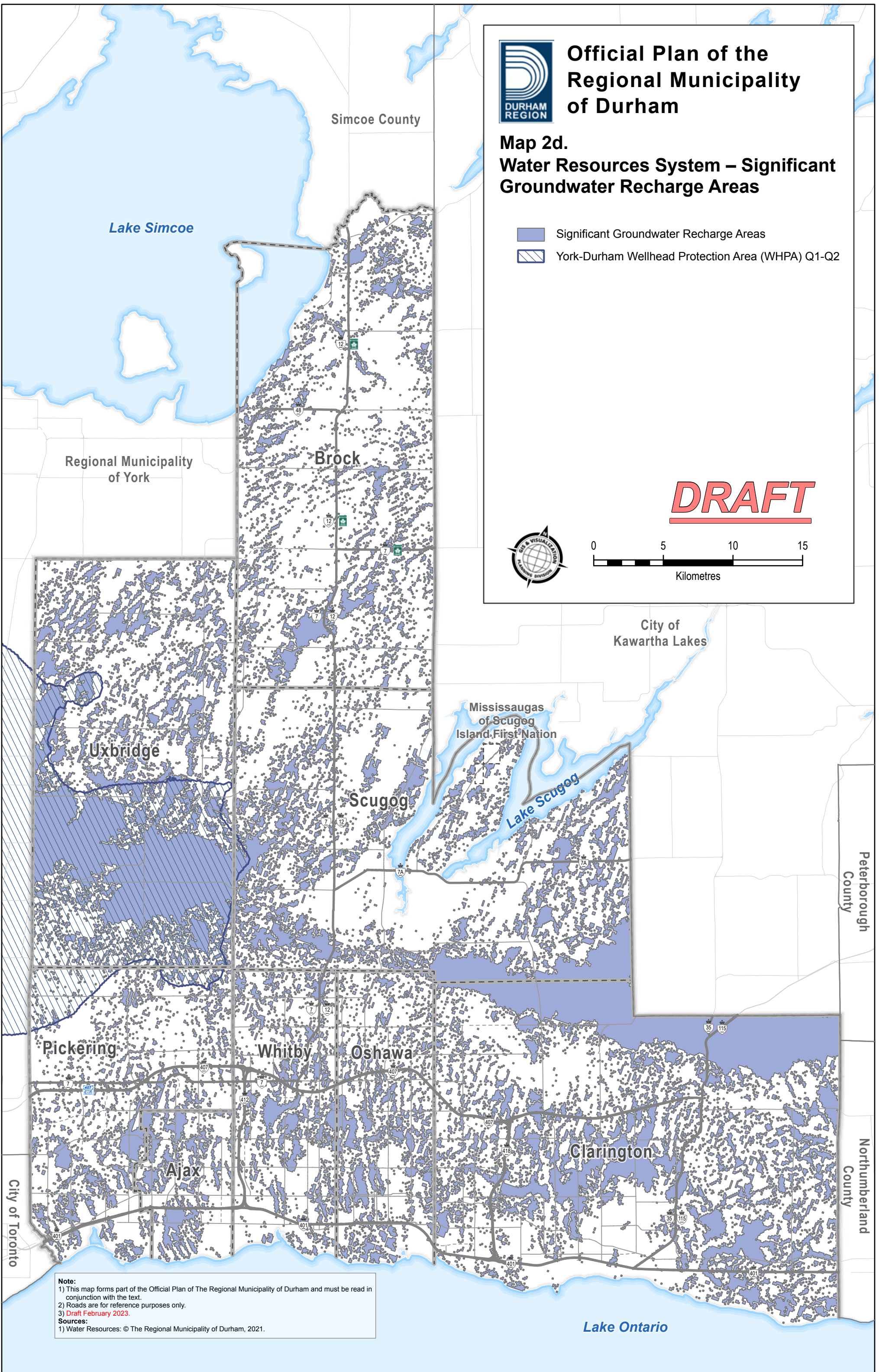


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Map 2d. Water Resources System – Significant Groundwater Recharge Areas

-  Significant Groundwater Recharge Areas
-  York-Durham Wellhead Protection Area (WHPA) Q1-Q2

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

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Sources:
 1) Water Resources: © The Regional Municipality of Durham, 2021.



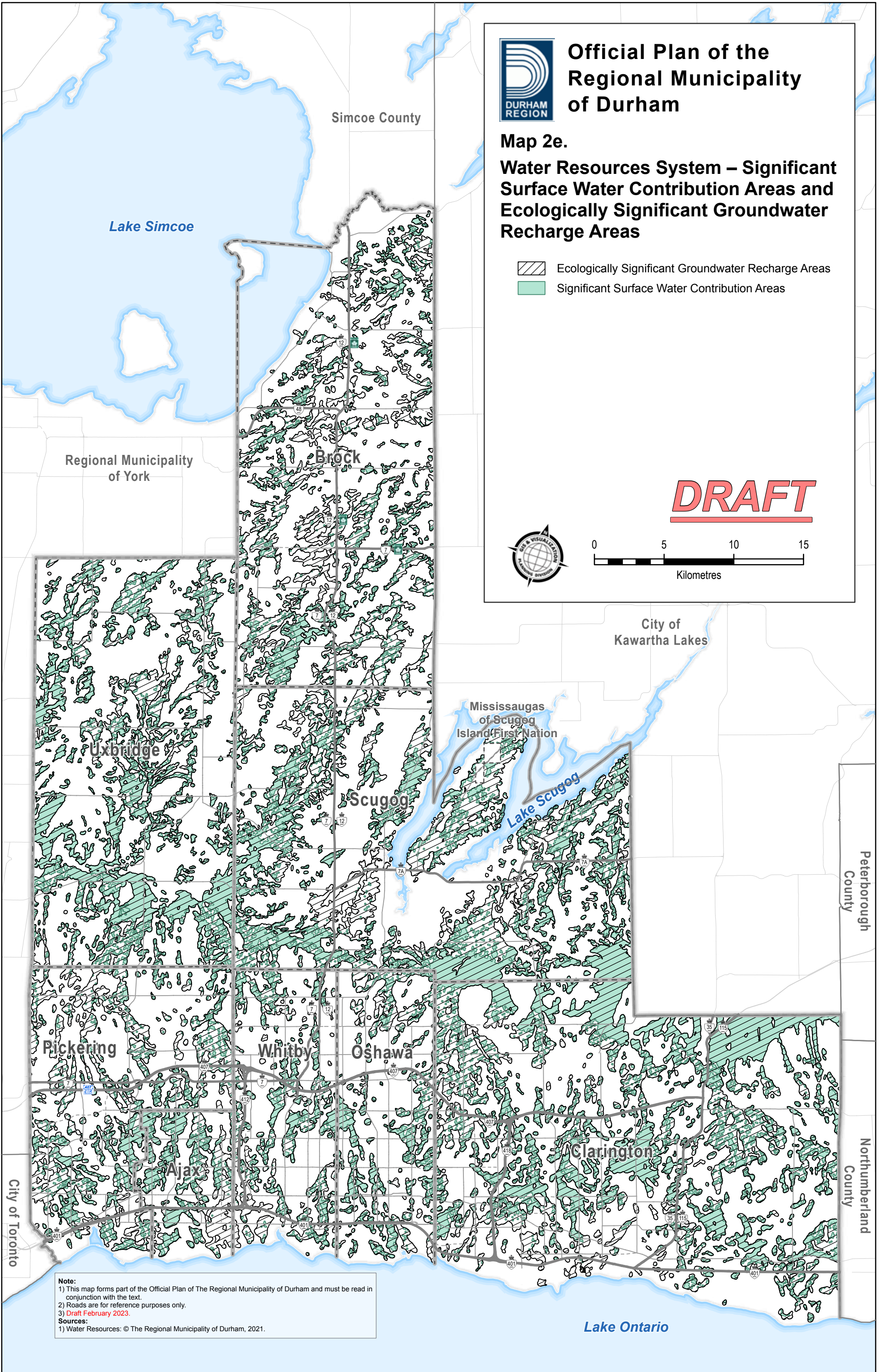
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Map 2e.

Water Resources System – Significant Surface Water Contribution Areas and Ecologically Significant Groundwater Recharge Areas

-  Ecologically Significant Groundwater Recharge Areas
-  Significant Surface Water Contribution Areas

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Map 2f. Source Water Protection

Wellhead Protection Areas (WHPA)

- Wellhead Protection Area - Q Downgradient Line
- Wellhead Protection Area
- York-Durham Wellhead Protection Area Q1-Q2

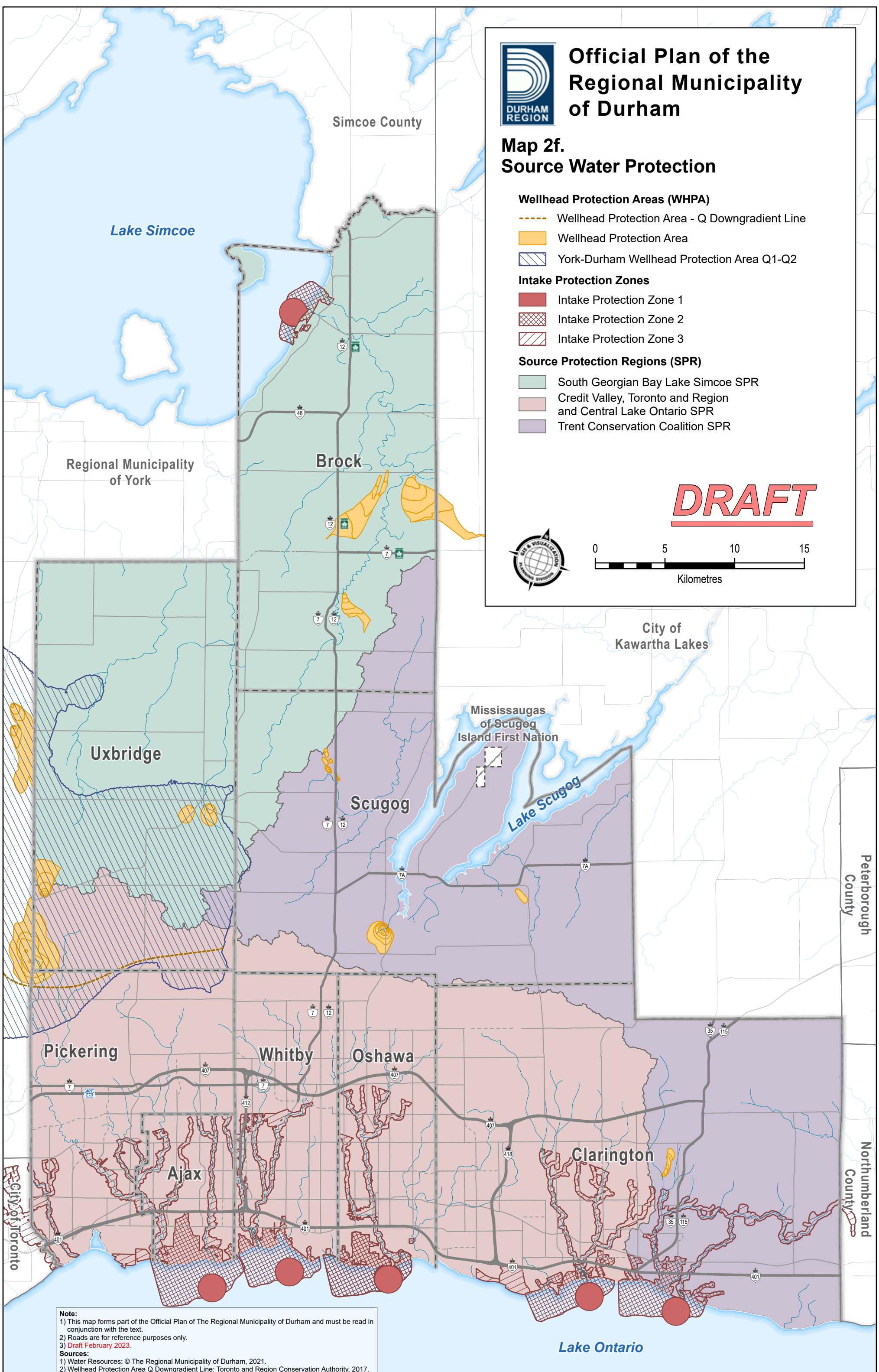
Intake Protection Zones

- Intake Protection Zone 1
- Intake Protection Zone 2
- Intake Protection Zone 3

Source Protection Regions (SPR)

- South Georgian Bay Lake Simcoe SPR
- Credit Valley, Toronto and Region and Central Lake Ontario SPR
- Trent Conservation Coalition SPR

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Sources:
 1) Water Resources: © The Regional Municipality of Durham, 2021.
 2) Wellhead Protection Area Q Downgradient Line: Toronto and Region Conservation Authority, 2017.

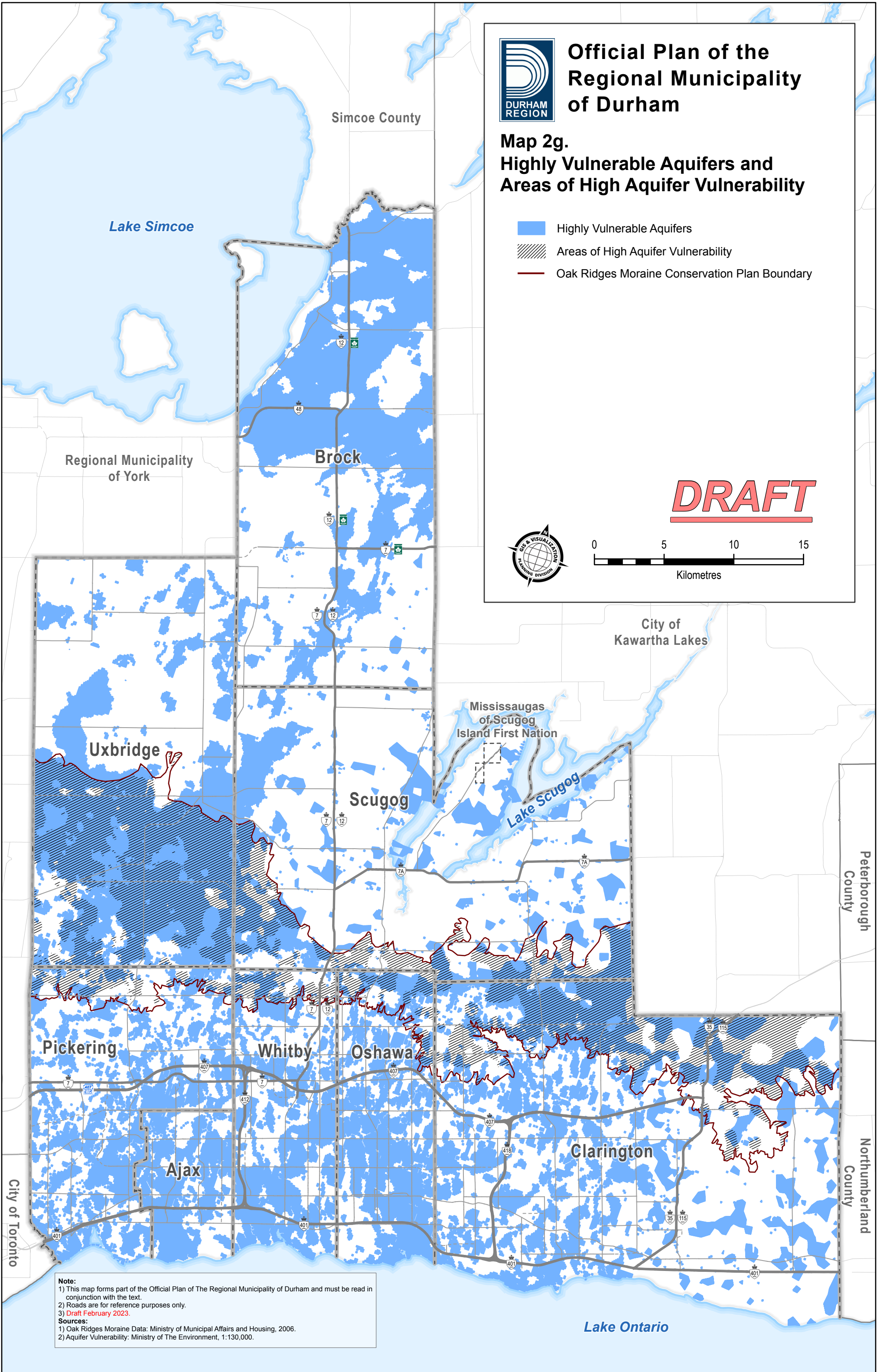


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Map 2g. Highly Vulnerable Aquifers and Areas of High Aquifer Vulnerability

- Highly Vulnerable Aquifers
- Areas of High Aquifer Vulnerability
- Oak Ridges Moraine Conservation Plan Boundary

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Sources:
 1) Oak Ridges Moraine Data: Ministry of Municipal Affairs and Housing, 2006.
 2) Aquifer Vulnerability: Ministry of The Environment, 1:130,000.

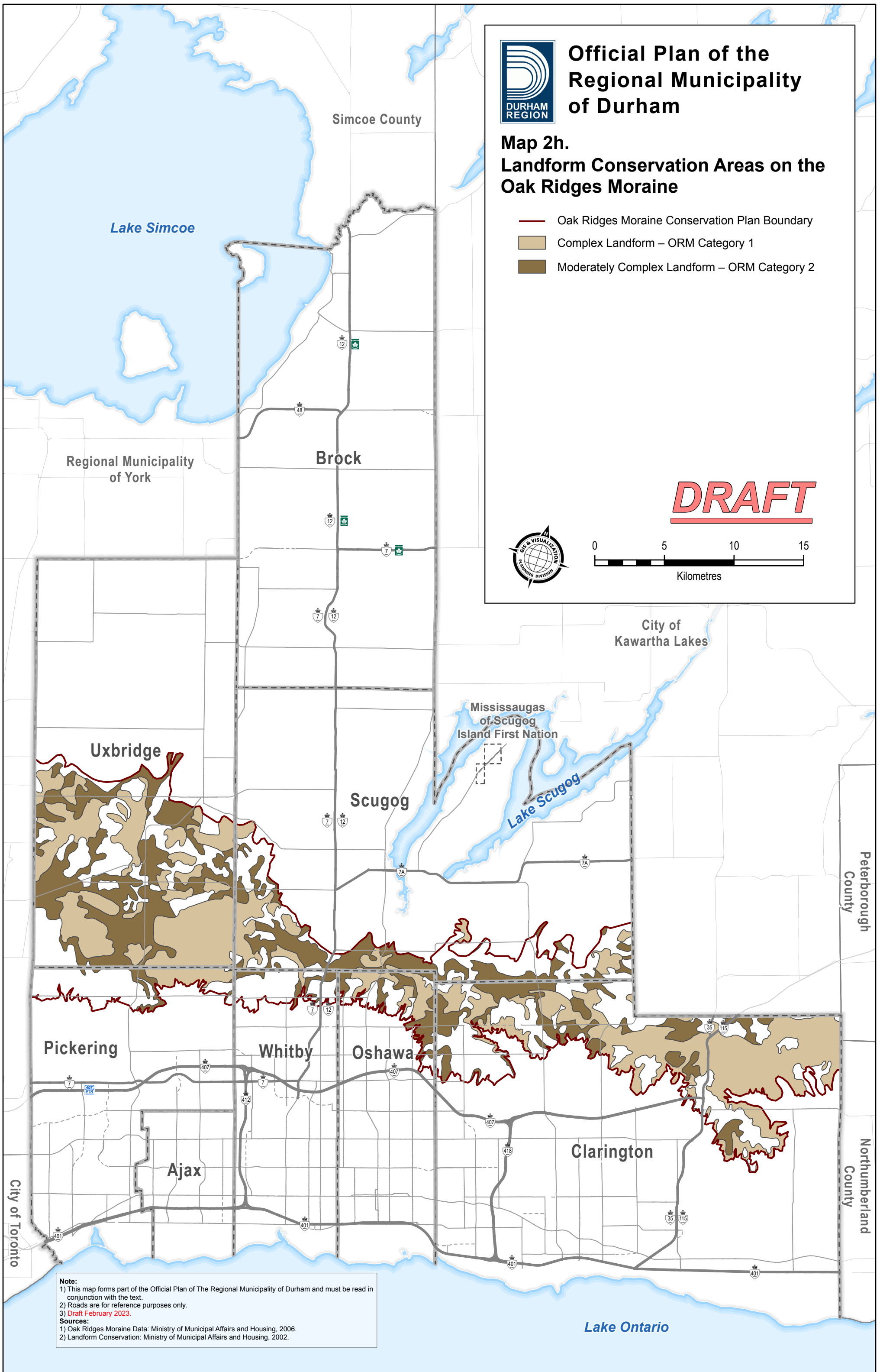


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Map 2h. Landform Conservation Areas on the Oak Ridges Moraine

-  Oak Ridges Moraine Conservation Plan Boundary
-  Complex Landform – ORM Category 1
-  Moderately Complex Landform – ORM Category 2

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Sources:
 1) Oak Ridges Moraine Data: Ministry of Municipal Affairs and Housing, 2006.
 2) Landform Conservation: Ministry of Municipal Affairs and Housing, 2002.