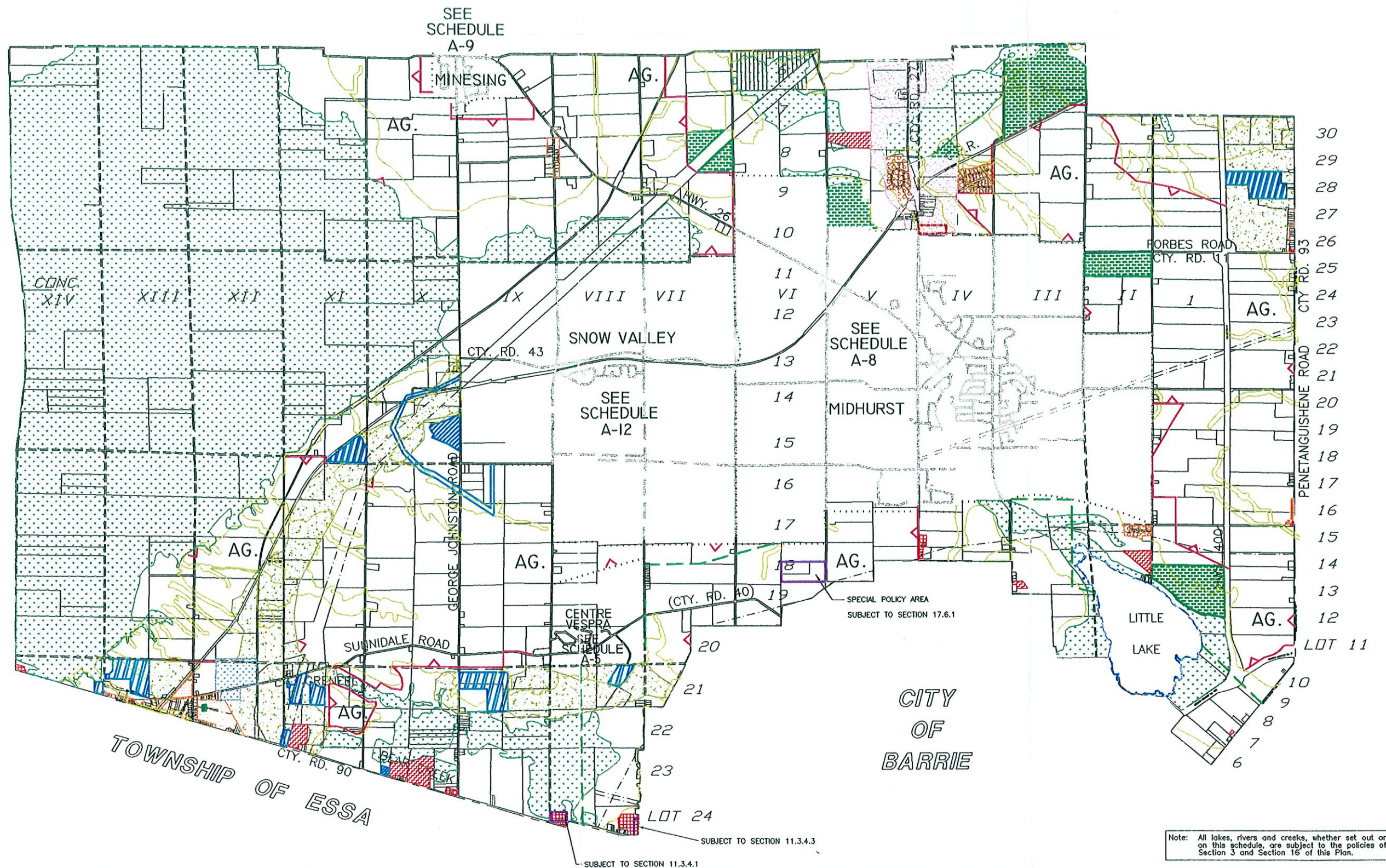


# APPENDIX C:

## Project Maps

# APPENDIX C-1: Land Use

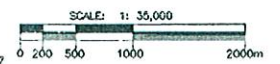




Note: All lakes, rivers and creeks, whether set out or not on this schedule, are subject to the policies of Section 3 and Section 16 of this Plan.

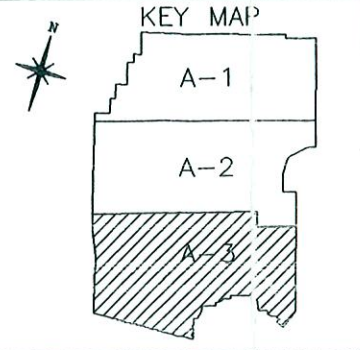


# TOWNSHIP OF SPRINGWATER



## LEGEND

- |  |                                   |  |
|--|-----------------------------------|--|
| RURAL  | INSTITUTIONAL                     | INDUSTRIAL                               |
| RURAL RESIDENTIAL  | GENERAL COMMERCIAL                | BUSINESS INDUSTRIAL                      |
| ESTATE RESIDENTIAL   | HIGHWAY COMMERCIAL                | AGGREGATE EXTRACTIVE                     |
| OPEN SPACE   | TOURIST / RECREATIONAL COMMERCIAL | WASTE DISPOSAL ASSESSMENT 500m SETBACK   |
| NATURAL HERITAGE (ENVIRONMENTAL PROTECTION) CATEGORY 1 LANDS | RESTRICTED RURAL (SECTION 24)     | SPECIAL POLICY AREA                      |
| AGRICULTURAL (DELINEATION)                                   | HIGH AGGREGATE POTENTIAL          | HIGHWAY SPECIAL POLICY AREA (SECTION 24) |
| CONSTRAINT AND HAZARD LANDS                                  | WASTE DISPOSAL SITE               | PIPE LINE EASEMENT                       |
|  | GREEN BELT                        | HYDRO EASEMENT                           |
|  |                                   | DETAILED SCHEDULE                        |
|  |                                   | MUNICIPAL BOUNDARY                       |



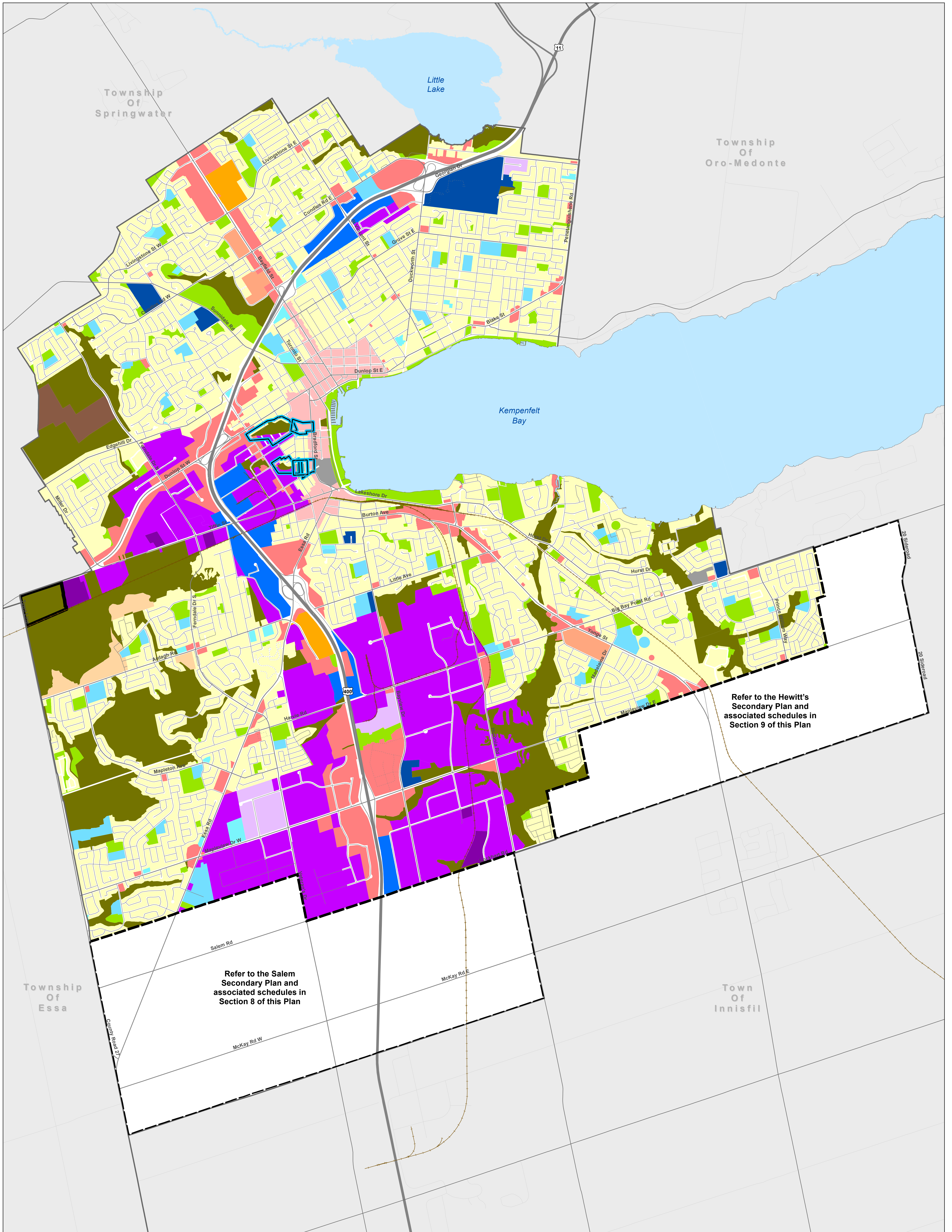
# Schedule 'A-3'

## LAND USE PLAN

### OFFICIAL PLAN FOR THE TOWNSHIP OF SPRINGWATER

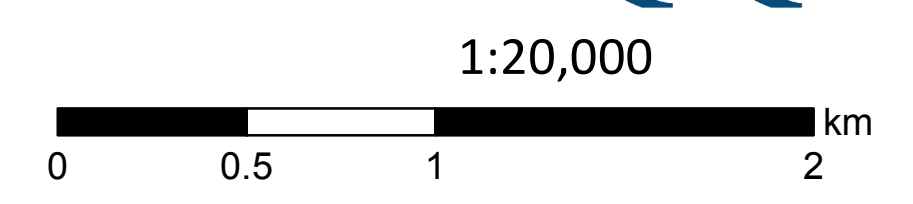
Date of Original: 1997  
 Base Map Source: Ontario Base Maps (1988)  
 Note: This map may not include all amendments. Contact township office for the most up-to-date information.  
 OFFICE CONSOLIDATION JULY 2002, APRIL 2003 (OPA # 14)





**OFFICIAL PLAN**  
**Schedule A**  
**Land Use**  
**March 2017**

- |                             |                               |  |
|-----------------------------|-------------------------------|--|
| Residential                 | Restricted Industrial         | Waste Disposal Area - Non decision per section 4.7.2.8 |
| City Centre                 | Institutional                 | Application Before the Ontario Municipal Board (OMB)   |
| General Commercial          | Educational Institutional     | Secondary Plan Boundary                                |
| Community Centre Commercial | Major Institutional           | City Boundary  |
| Regional Centre Commercial  | Open Space                    |  |
| Business Park               | Environmental Protection Area |  |
| General Industrial          | Water Treatment Centre        |  |
| Highway 400 Industrial      | Waste Management Facility     |  |
|                             | Future Urban                  |  |

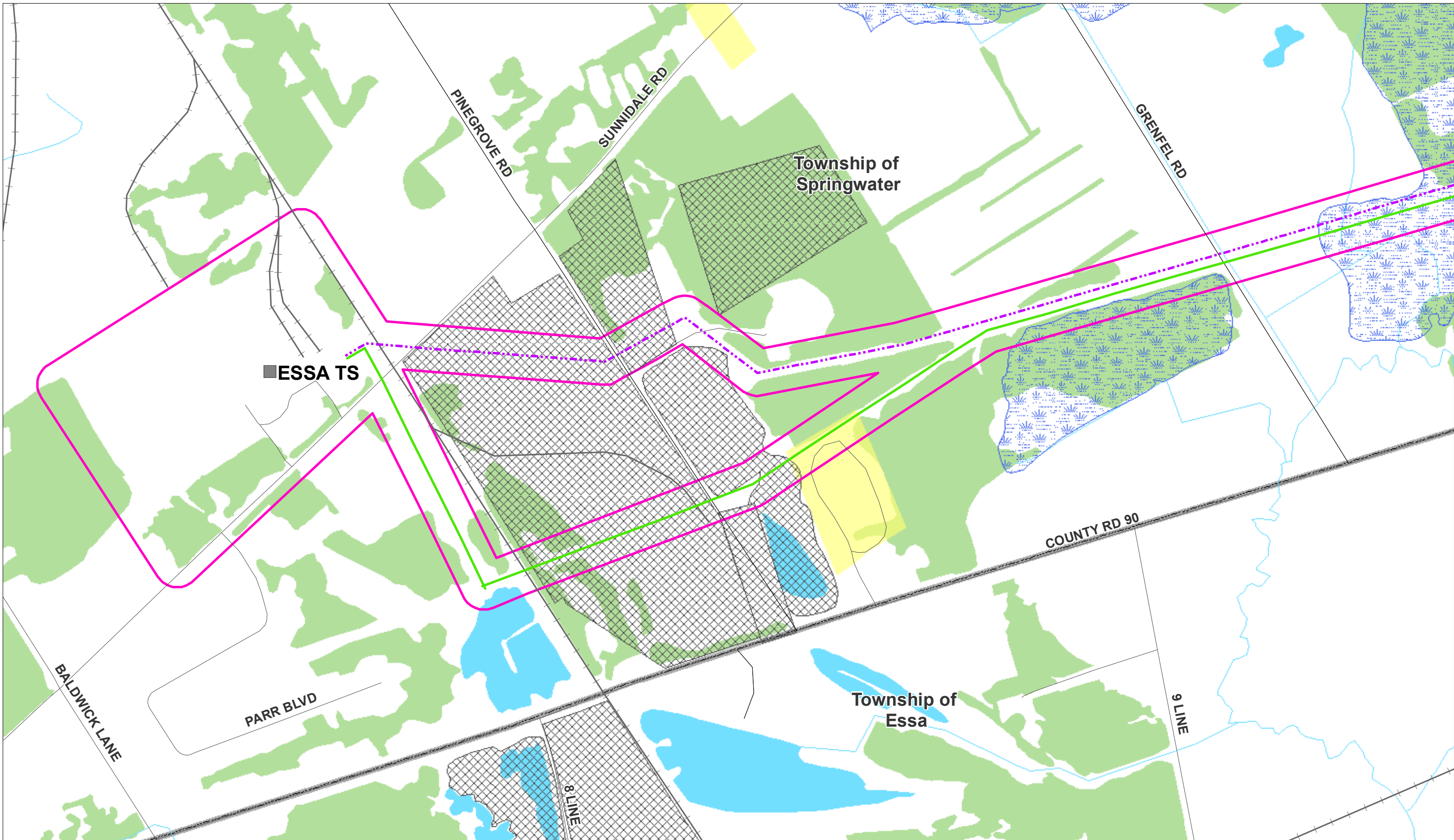



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# APPENDIX C-2: Natural Features



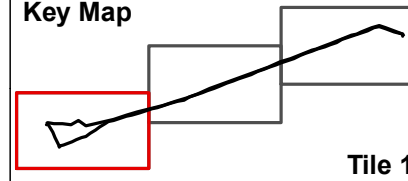

















  
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 Date: Nov 10, 2017
   
 Map14-52\_E3B\_Essa\_Barrie\_NF\_tile
   

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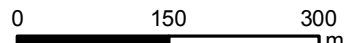

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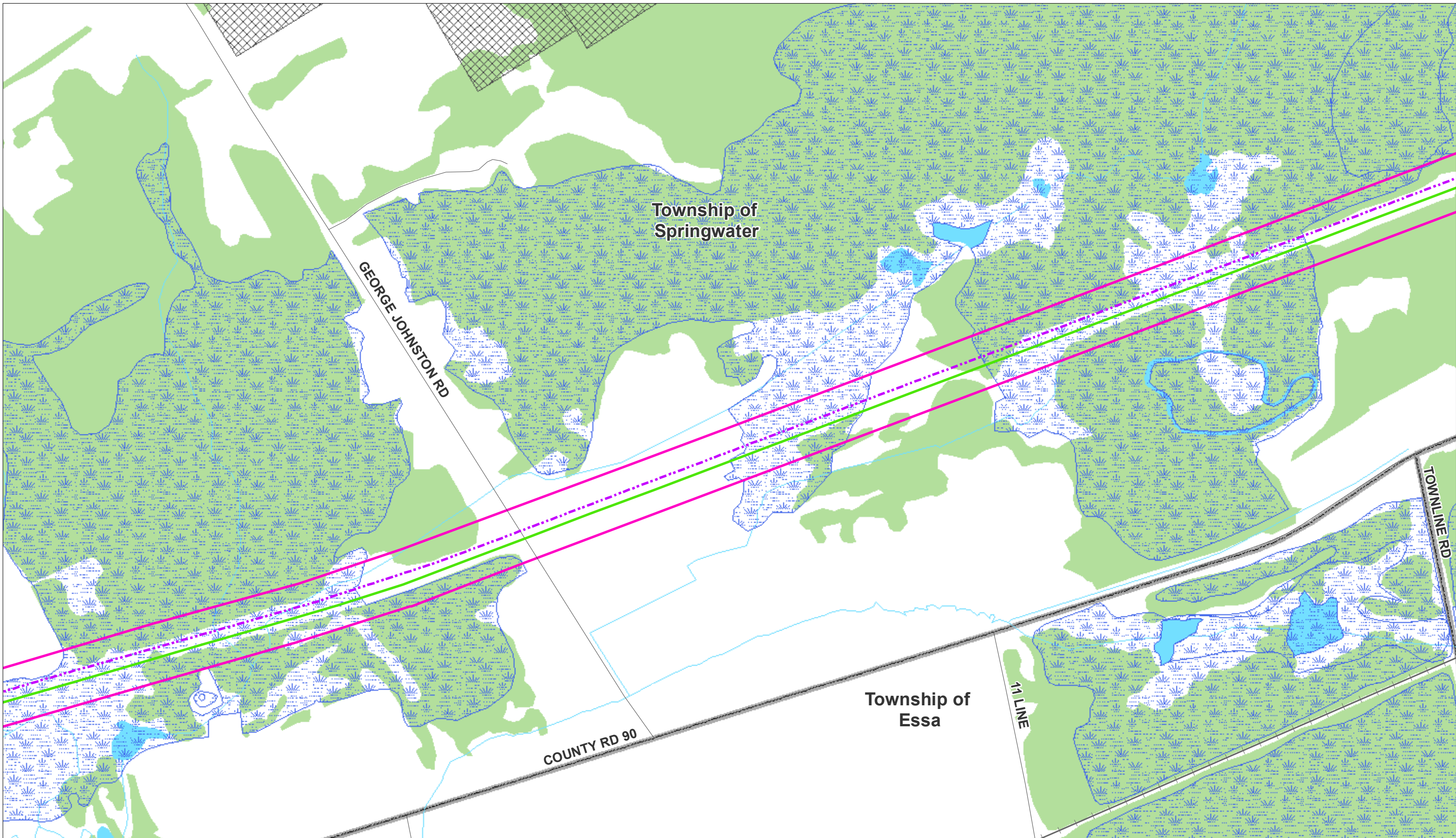
- |  |  |   |   |
|--|--|---|---|
|  Transformer Stations (TS)        |  Highway            |  Park          |  Wetland     |
|  Transmission Line to be Upgraded |  Road               |  Pit or Quarry |  Wooded Area |
|  Transmission Line to be Removed  |  Railway            |  Waterbody     |  Watercourse |
|  Class EA Study Area              |  Municipal Boundary |   |   |


**Barrie Area Transmission Upgrade:  
Natural Features Map**

1:7,500



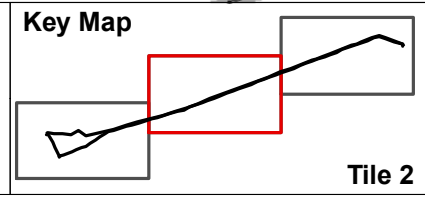











  
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 Date: Nov 10, 2017
   
 Map14-52\_E3B\_Essa\_Barrie\_NF\_tile
   







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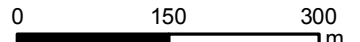


-  Transformer Stations (TS)
-  Transmission Line to be Upgraded
-  Transmission Line to be Removed
-  Class EA Study Area
-  Highway
-  Road
-  Railway
-  Municipal Boundary


-  Park
-  Pit or Quarry
-  Waterbody
-  Watercourse
-  Wetland
-  Wooded Area

**Barrie Area Transmission Upgrade:  
Natural Features Map**

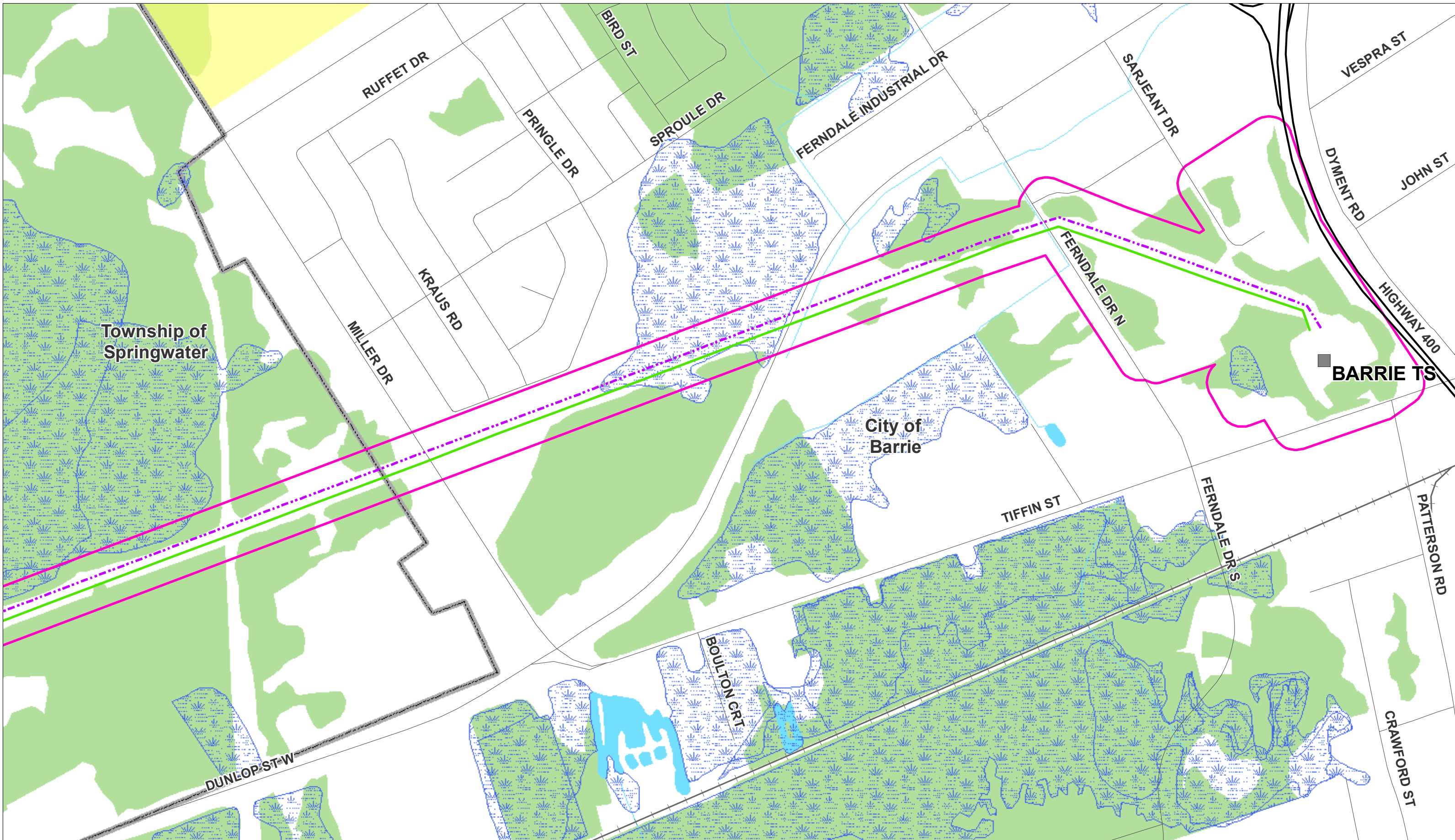
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0 150 300 m





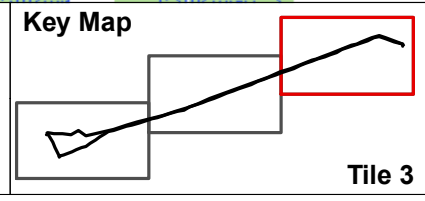











  
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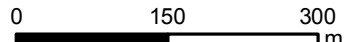


-  Transformer Stations (TS)
-  Transmission Line to be Upgraded
-  Transmission Line to be Removed
-  Class EA Study Area
-  Highway
-  Road
-  Railway
-  Municipal Boundary


-  Park
-  Pit or Quarry
-  Waterbody
-  Watercourse
-  Wetland
-  Wooded Area

**Barrie Area Transmission Upgrade:  
Natural Features Map**

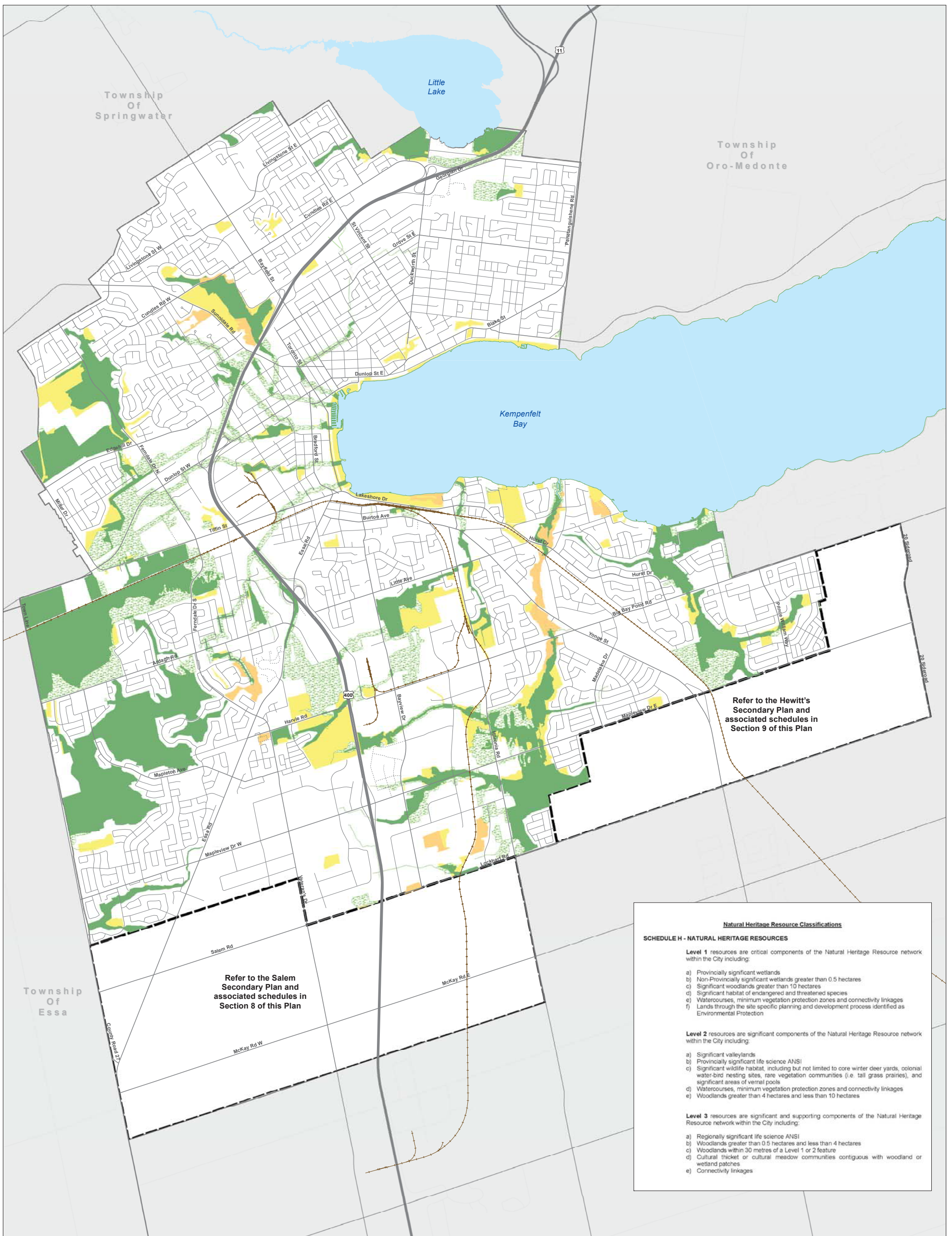
1:7,500



0 150 300 m







Township  
Of  
Springwater

Township  
Of  
Oro-Medonte

Township  
Of  
Essa

Refer to the Salem  
Secondary Plan and  
associated schedules in  
Section 8 of this Plan

Refer to the Hewitt's  
Secondary Plan and  
associated schedules in  
Section 9 of this Plan

**Natural Heritage Resource Classifications**

**SCHEDULE H - NATURAL HERITAGE RESOURCES**

**Level 1** resources are critical components of the Natural Heritage Resource network within the City including:

- a) Provincially significant wetlands
- b) Non-Provincially significant wetlands greater than 0.5 hectares
- c) Significant woodlands greater than 10 hectares
- d) Significant habitat of endangered and threatened species
- e) Watercourses, minimum vegetation protection zones and connectivity linkages
- f) Lands through the site specific planning and development process identified as Environmental Protection

**Level 2** resources are significant components of the Natural Heritage Resource network within the City including:





- a) Significant valleys
- b) Provincially significant life science ANSI
- c) Significant wildlife habitat, including but not limited to core winter deer yards, colonial water-bird nesting sites, rare vegetation communities (i.e. tall grass prairies), and significant areas of vernal pools
- d) Watercourses, minimum vegetation protection zones and connectivity linkages
- e) Woodlands greater than 4 hectares and less than 10 hectares

**Level 3** resources are significant and supporting components of the Natural Heritage Resource network within the City including:

- a) Regionally significant life science ANSI
- b) Woodlands greater than 0.5 hectares and less than 4 hectares
- c) Woodlands within 30 metres of a Level 1 or 2 feature
- d) Cultural thicket or cultural meadow communities contiguous with woodland or wetland patches
- e) Connectivity linkages

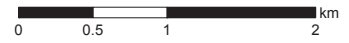
**OFFICIAL PLAN**  
**Schedule H**  
**Natural Heritage**  
**Resources**  
**March 2017**

**Natural Heritage Resource Classification**

-  Level 1
-  Level 1 With Existing Development Designation Subject to 3.5.2.4 d
-  Level 2
-  Level 3



1:20,000



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APPENDIX C-3:  
Ministry of the Environment and Climate  
Change Water Wells

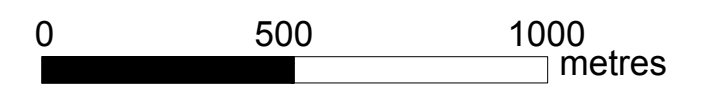


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Township of Springwater





Township of Springwater  
Township of Essa (County of Simcoe)





Township of Essa  
(County of Simcoe)



Legend:

WELLHEAD PROTECTION AREAS

-  WHPA-A: 100 m RADIUS (VESPRA MUNICIPAL WELLS)
-  WHPA-B: 2-YEAR TIME-OF-TRAVEL
-  WHPA-C: 5-YEAR TIME-OF-TRAVEL
-  WHPA-D: 25-YEAR TIME-OF-TRAVEL

-  WATER WELL RECORD LOCATION AND NUMBER
-  STUDY AREA
-  500m BUFFER
-  MUNICIPALITY BOUNDARY

Selected Water Well Records and Wellhead Protection Areas

Barrie Area Transmission Upgrade

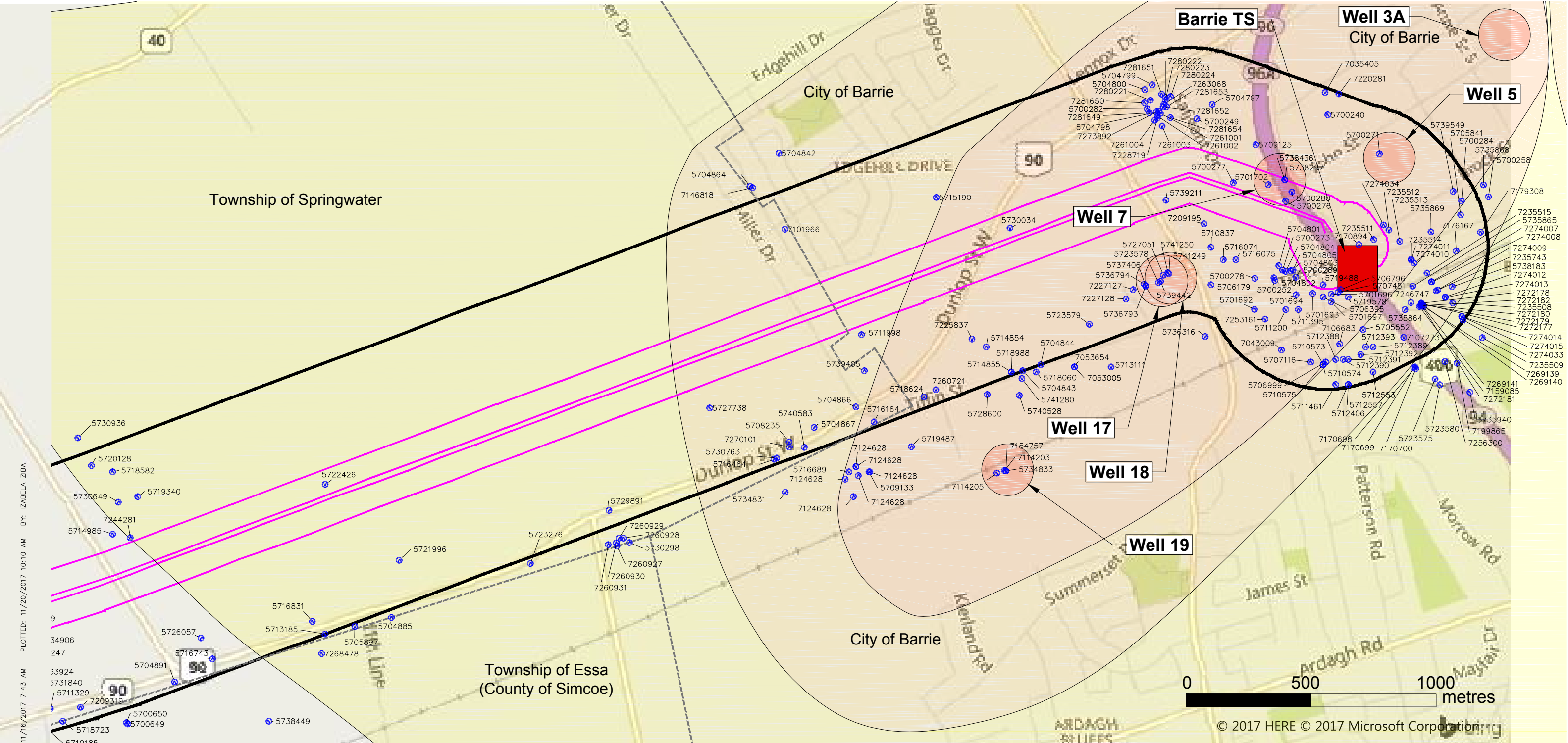
HYDRO ONE NETWORKS INC.



15 Nov 2017

Appendix B-4





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**Legend:**

WELLHEAD PROTECTION AREAS

- WHPA-A: 100 m RADIUS (BARRIE MUNICIPAL WELLS)
- WHPA-B: 2-YEAR TIME-OF-TRAVEL
- WHPA-C: 5-YEAR TIME-OF-TRAVEL
- WHPA-D: 25-YEAR TIME-OF-TRAVEL

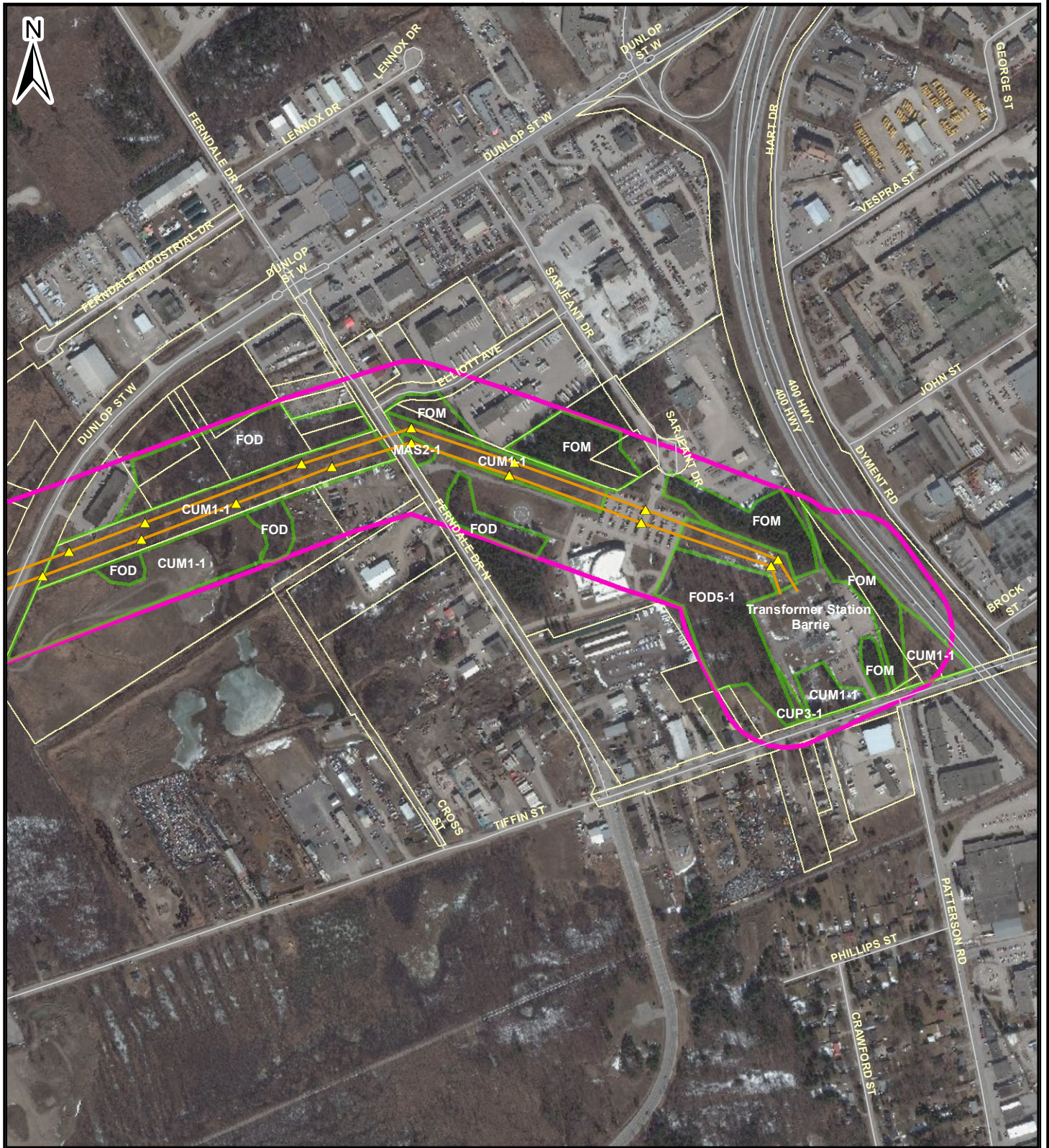
- 5738449 WATER WELL RECORD LOCATION AND NUMBER
- STUDY AREA
- 500m BUFFER
- MUNICIPALITY BOUNDARY

<b>Selected Water Well Records and Wellhead Protection Areas</b>	
Barrie Area Transmission Upgrade	
<b>HYDRO ONE NETWORKS INC.</b>	
	15 Nov 2017
	Appendix B-4








# APPENDIX C-4: Ecological Land Classification



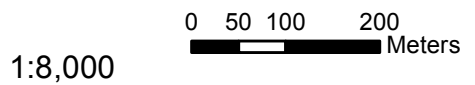


**Legend**

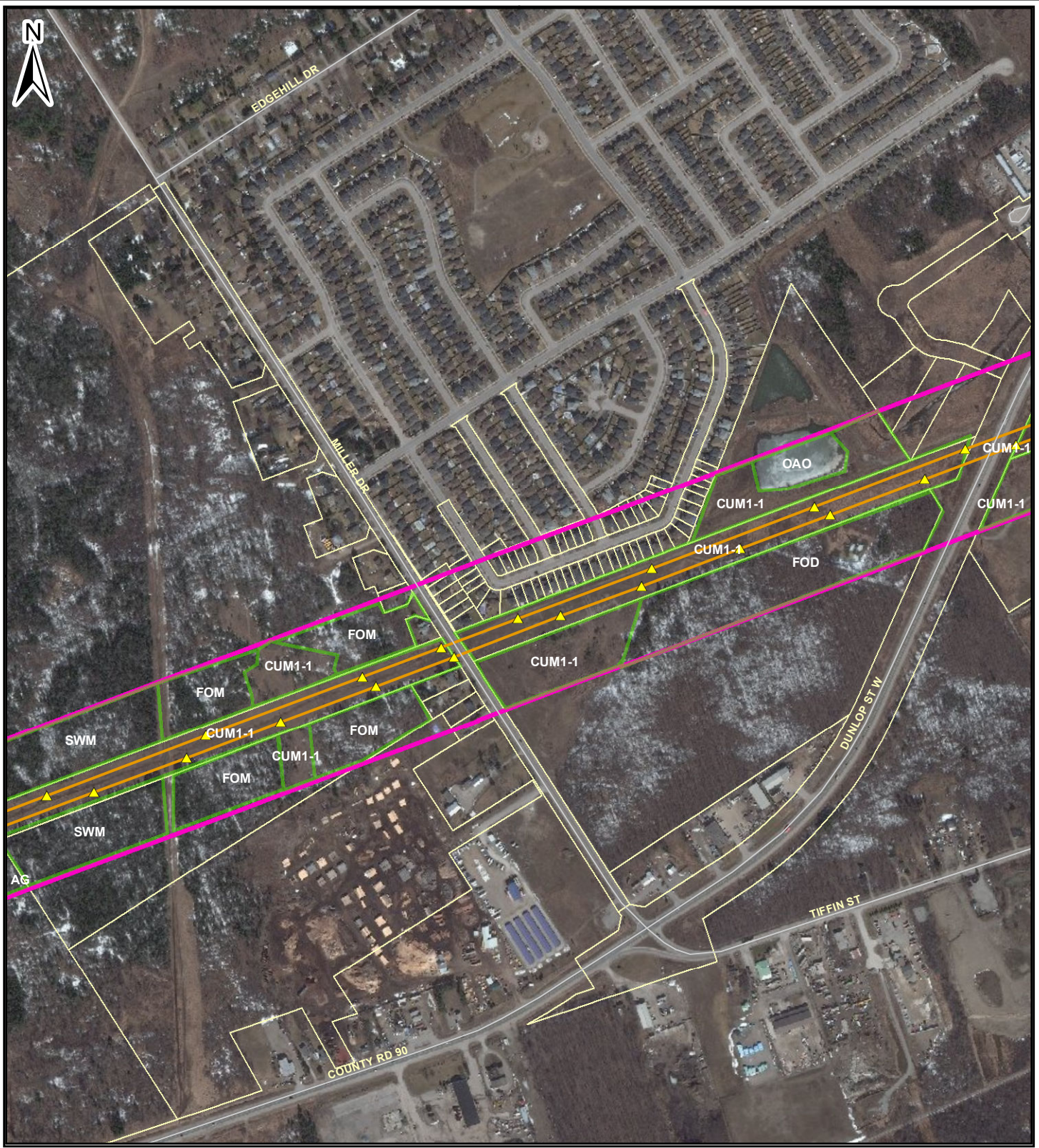
-  Transmission Lines
-  Structures
-  Property Boundaries
-  Study Area
-  Ecological Land Classification (ELC)

Reference: ESRI ArcGIS Online Base Layers, Land Information Ontario (LIO), and GeoWarehouse






Title: **Ecological Land Classification (ELC)** Tile1





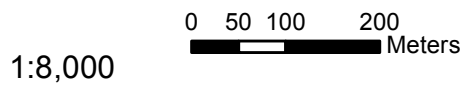


**Legend**

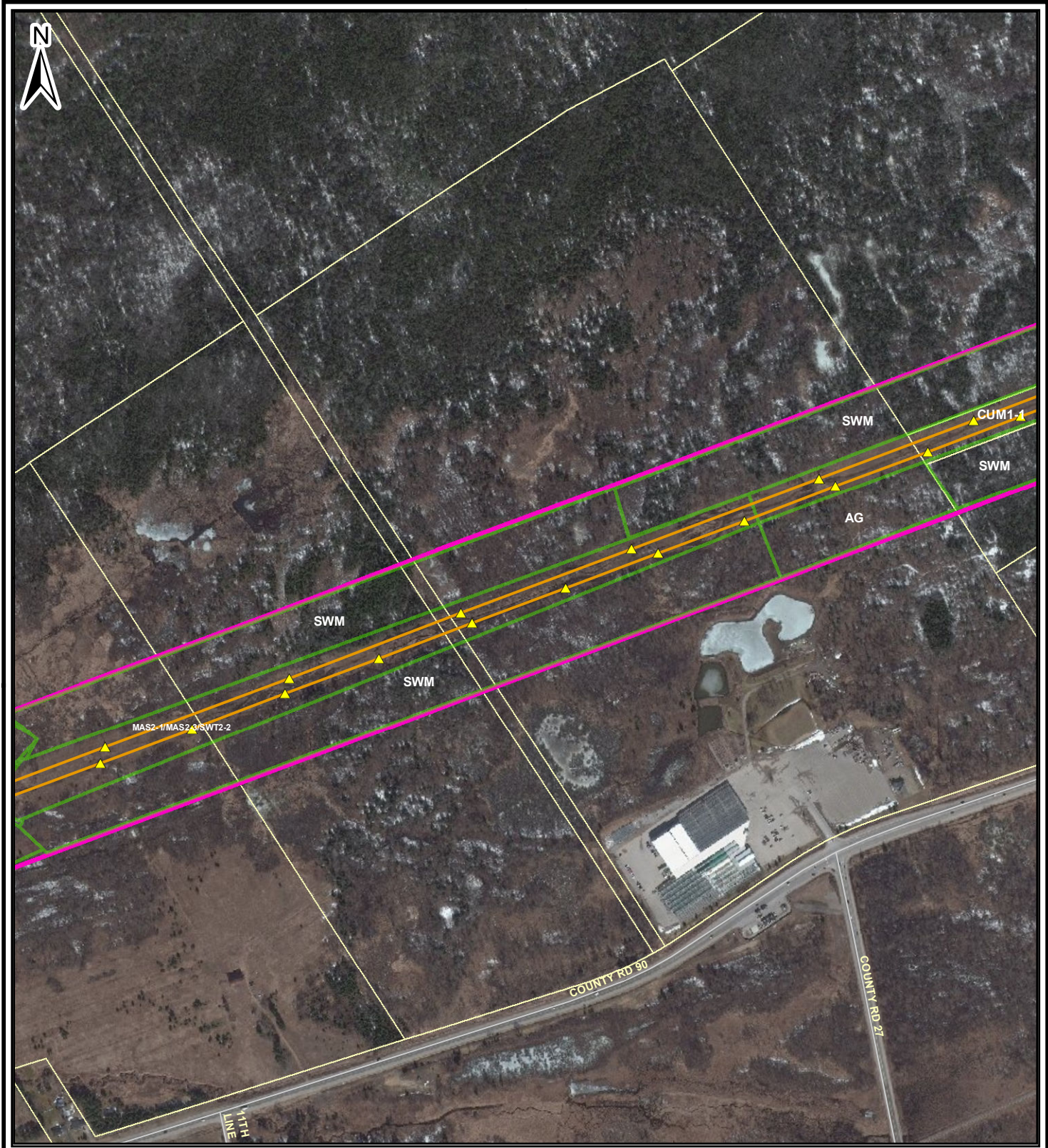
-  Transmission Lines
-  Property Boundaries
-  Study Area
-  Ecological Land Classification (ELC)
-  Structures

Reference: ESRI ArcGIS Online Base Layers, Land Information Ontario (LIO), and GeoWarehouse

Title: **Ecological Land Classification (ELC)** Tile2





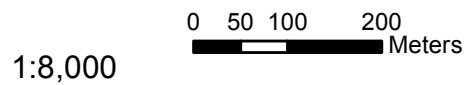


**Legend**

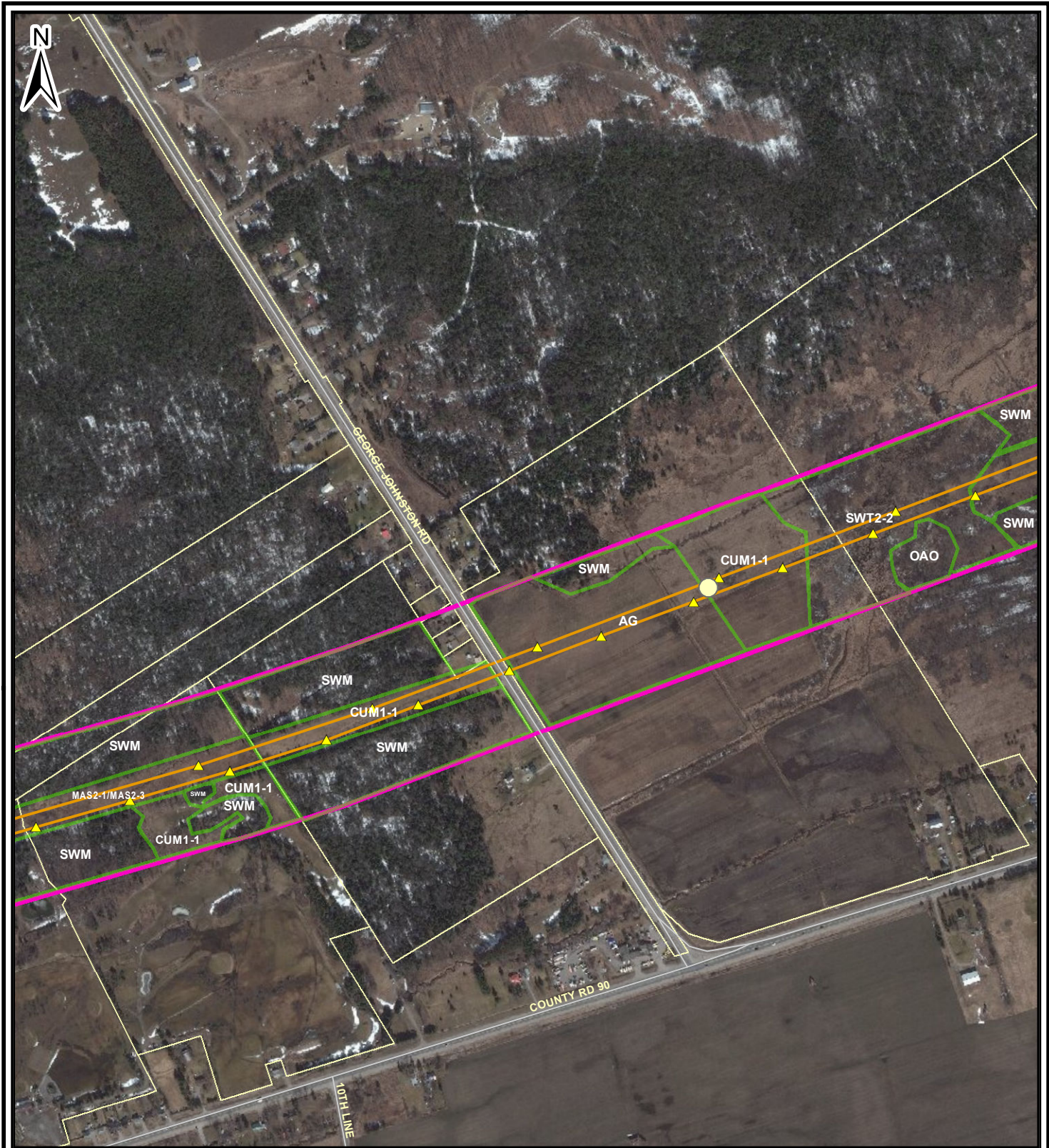
- Transmission Lines
- Property Boundaries
- Study Area
- Ecological Land Classification (ELC)
- Structures

Reference: ESRI ArcGIS Online Base Layers, Land Information Ontario (LIO), and GeoWarehouse

Title: **Ecological Land Classification (ELC)** Tile3





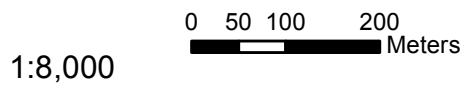


**Legend**

- Transmission Lines
- Property Boundaries
- Study Area
- Ecological Land Classification (ELC)
- Structures
- Bobolink

Reference: ESRI ArcGIS Online Base Layers, Land Information Ontario (LIO), and GeoWarehouse

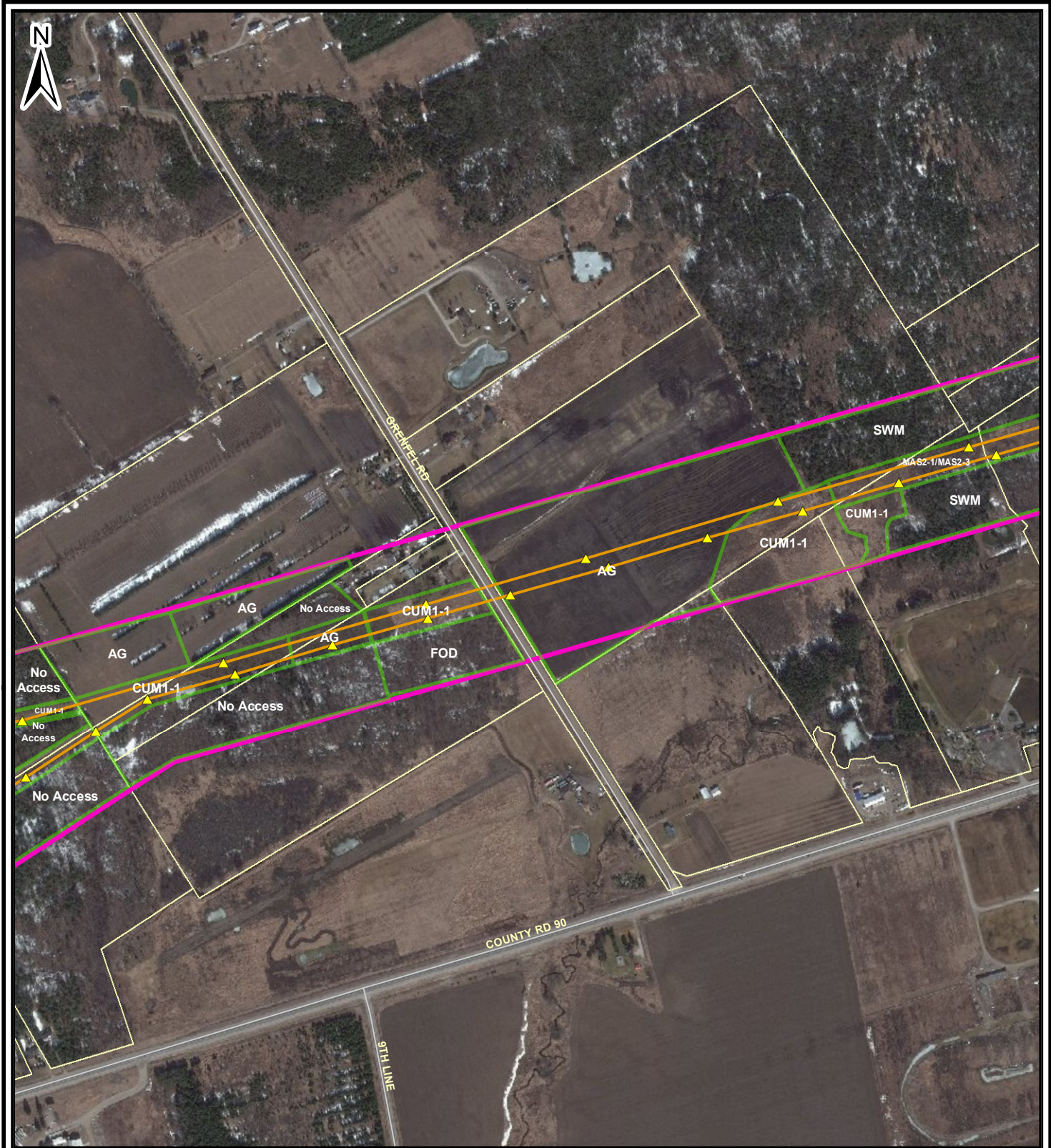
Title: **Ecological Land Classification (ELC)** Tile4








1:8,000



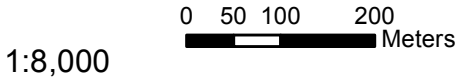




**Legend**

-  Transmission Lines
-  Property Boundaries
-  Study Area
-  Ecological Land Classification (ELC)
-  Structures

Title: **Ecological Land Classification (ELC)** Tile5








Reference: ESRI ArcGIS Online Base Layers, Land Information Ontario (LIO), and GeoWarehouse






**Legend**

-  Transmission Lines
-  Structures
-  Property Boundaries
-  Study Area
-  Ecological Land Classification (ELC)

Title: **Ecological Land Classification (ELC)** Tile6

1:11,000  Meters

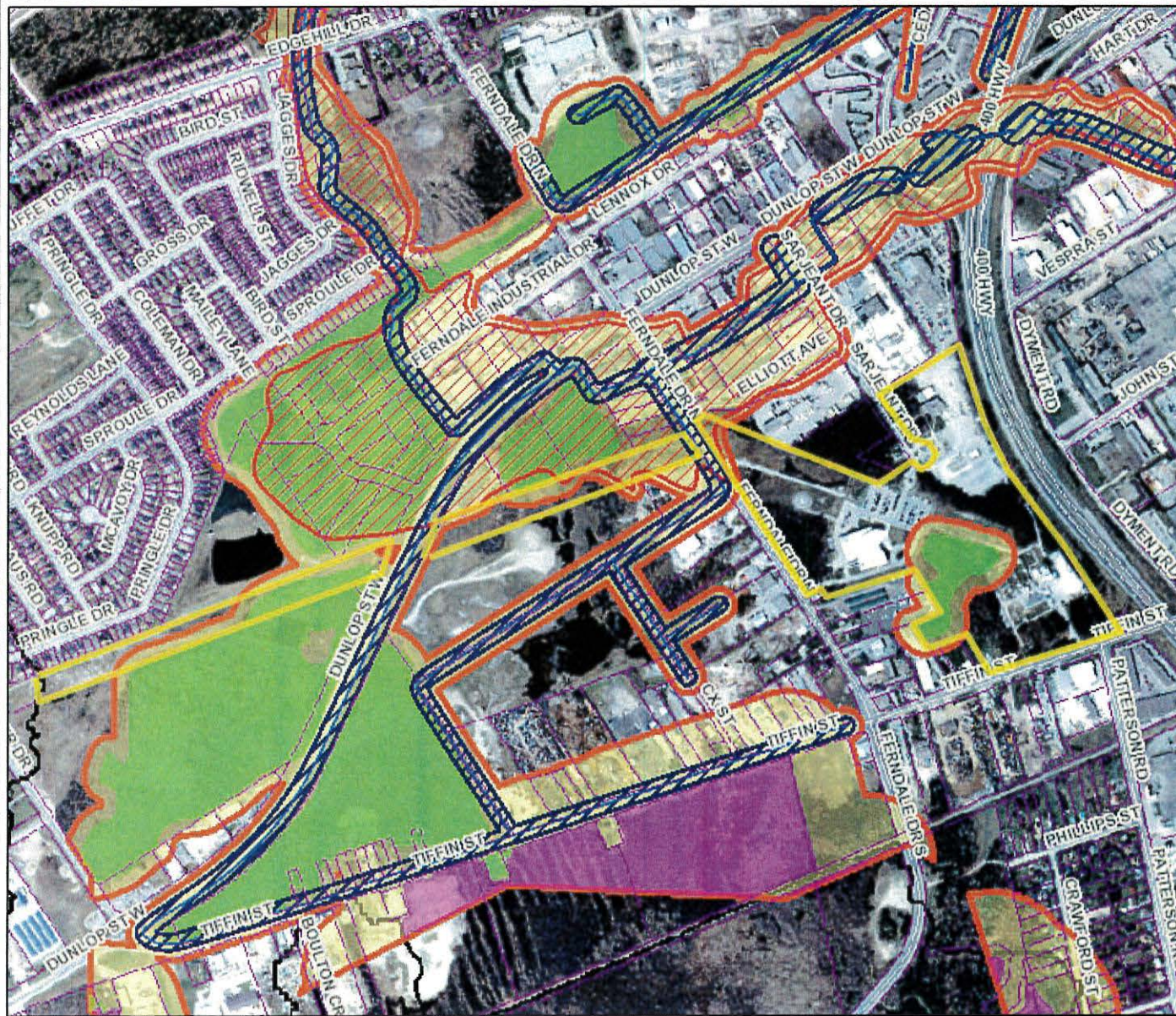
Reference: ESRI ArcGIS Online Base Layers, Land Information Ontario (LIO), and GeoWarehouse



# APPENDIX C-5:

## Conservation Authority Regulated Areas





**Features**

- Assessment Parcel
- Watercourse
- Meanderbelt
- Floodplain**
  - Floodplain
  - Spill - Unregulated
- Regulated Wetland**
  - PSW
  - Non PSW
- Apparent Valleyland With Setback
- Regulation Boundary
- Regulation Area
- LSRCA Boundary
- Lake Couchiching
- Local Road

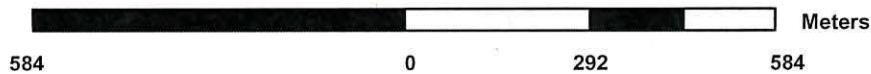
Printed On:  
2/14/2017



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Scale 1: 11,500



584

0

292

584

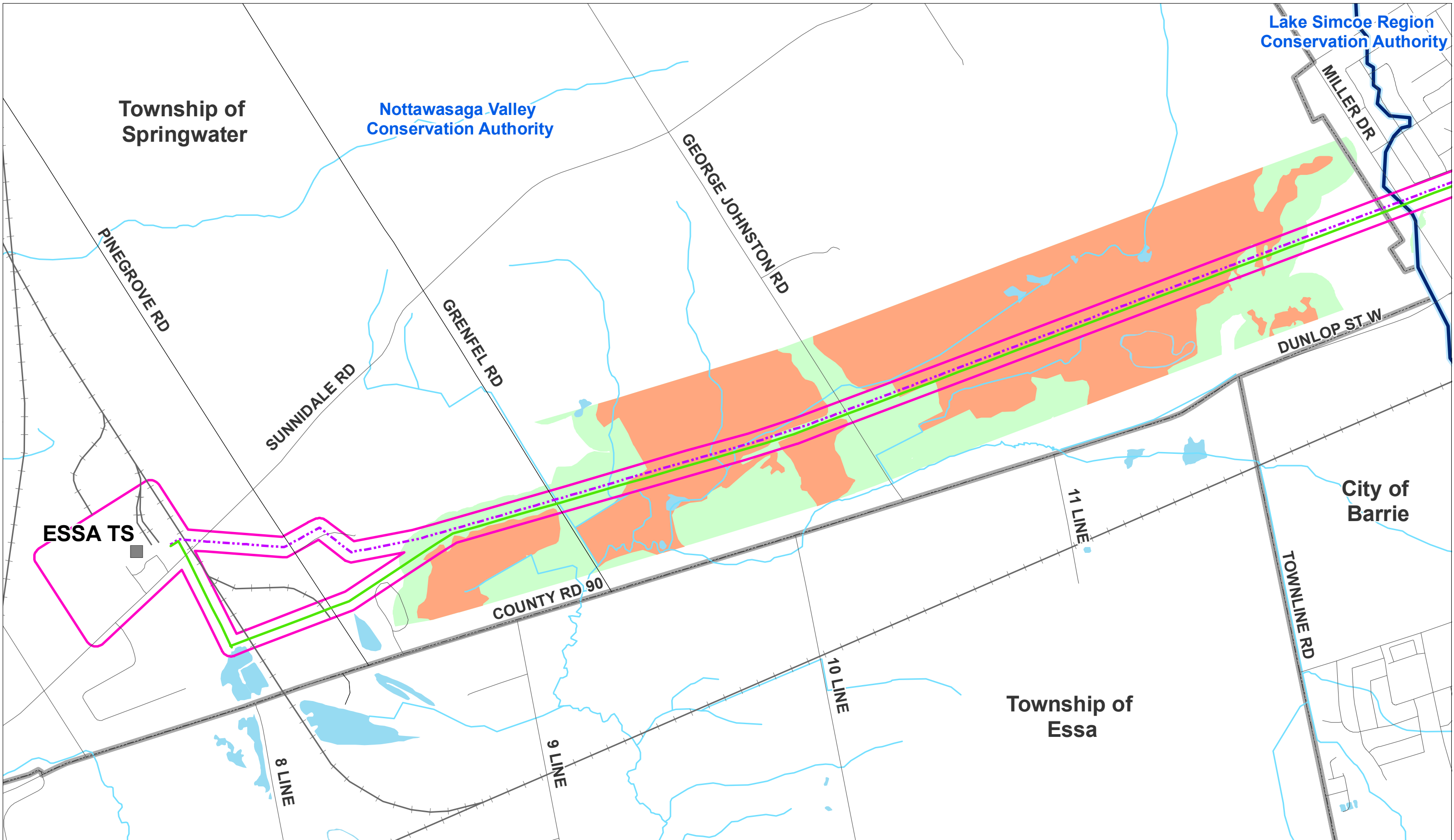


Township of Springwater

Nottawasaga Valley Conservation Authority

City of Barrie

Township of Essa



hydro one  
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 Date: Jan 17, 2018  
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- Transformer Stations (TS)
- Road
- Transmission Line to be Upgraded
- Transmission Line to be Removed
- Railway
- Municipal Boundary
- Class EA Study Area
- NVCA Unevaluated Wetland
- NVCA Regulated Area
- Waterbody
- Watercourse
- Conservation Authority Area

**Nottawasaga Valley Conservation Authority Regulated Areas**

1:17,000

0 400 800 m