

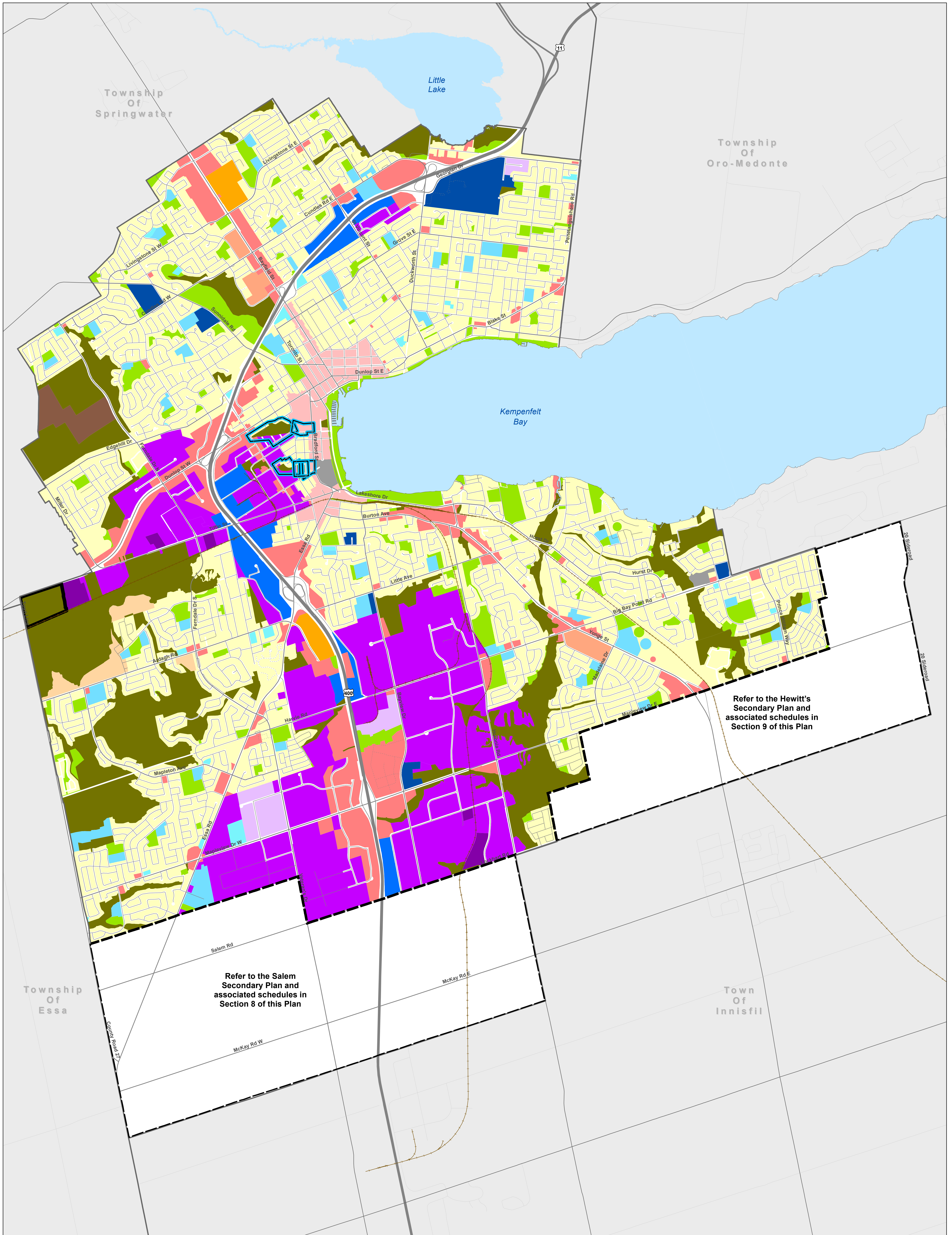
# APPENDIX C:

## Project Maps

# APPENDIX C-1:

## Land Use





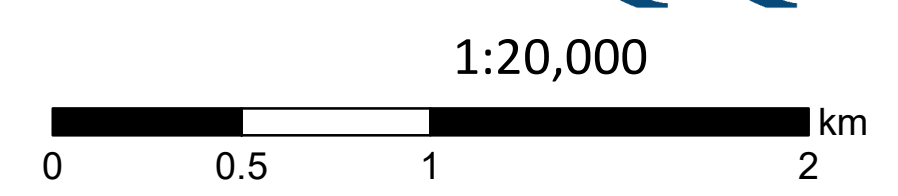
# OFFICIAL PLAN

## Schedule A Land Use

March 2017

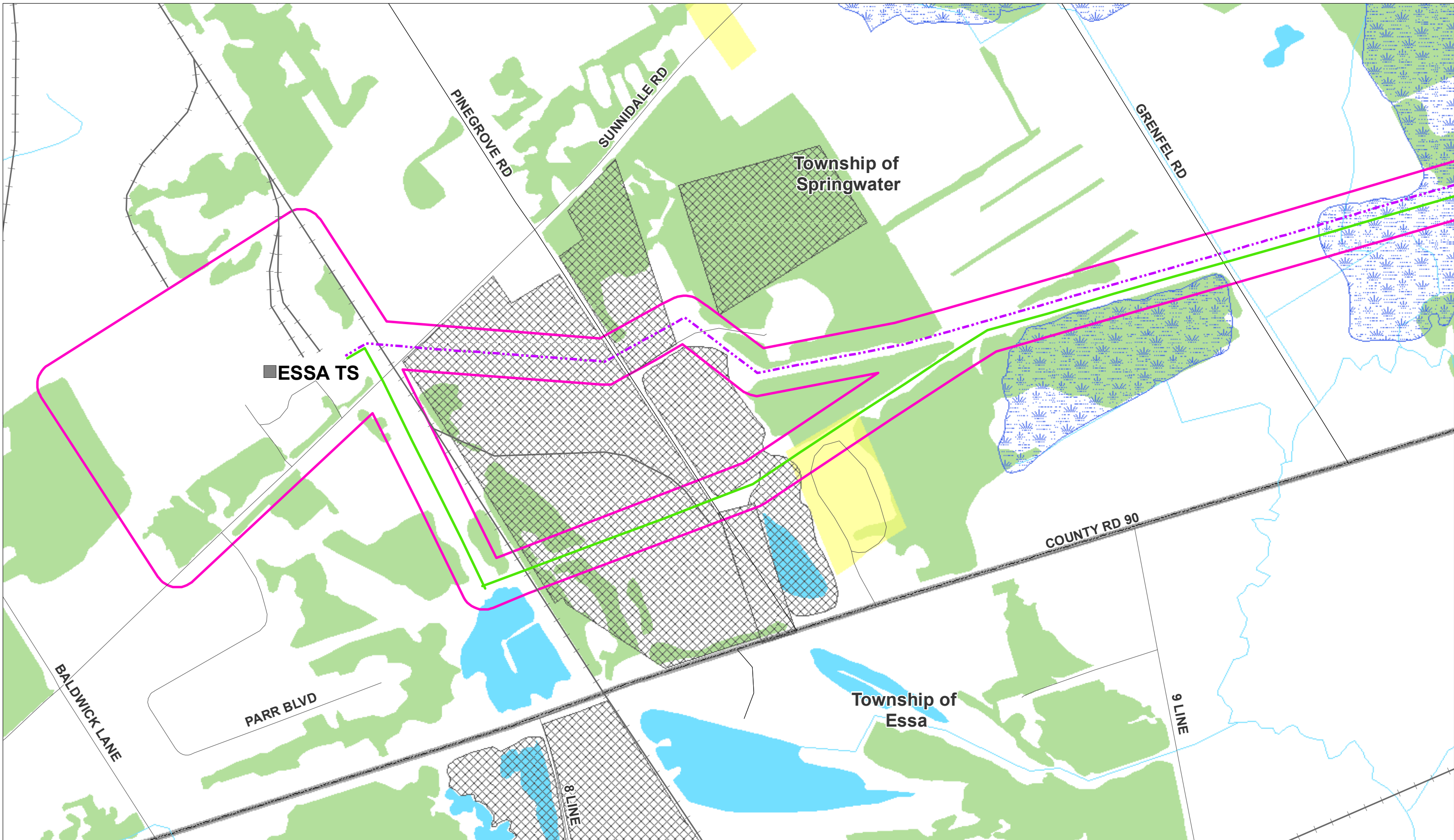
 Residential	 Restricted Industrial	 Waste Disposal Area - Non decision per section 4.7.2.8
 City Centre	 Institutional	 Application Before the Ontario Municipal Board (OMB)
 General Commercial	 Educational Institutional	 Secondary Plan Boundary
 Community Centre Commercial	 Major Institutional	 City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


The City of  
**BARRIE**



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For information please contact Service Barrie at 705-726-4242 or [ServiceBarrie@barrie.ca](mailto:ServiceBarrie@barrie.ca)

# APPENDIX C-2: Natural Features

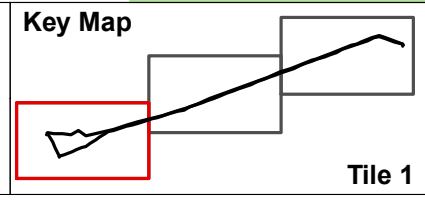

















  
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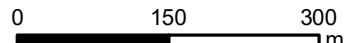

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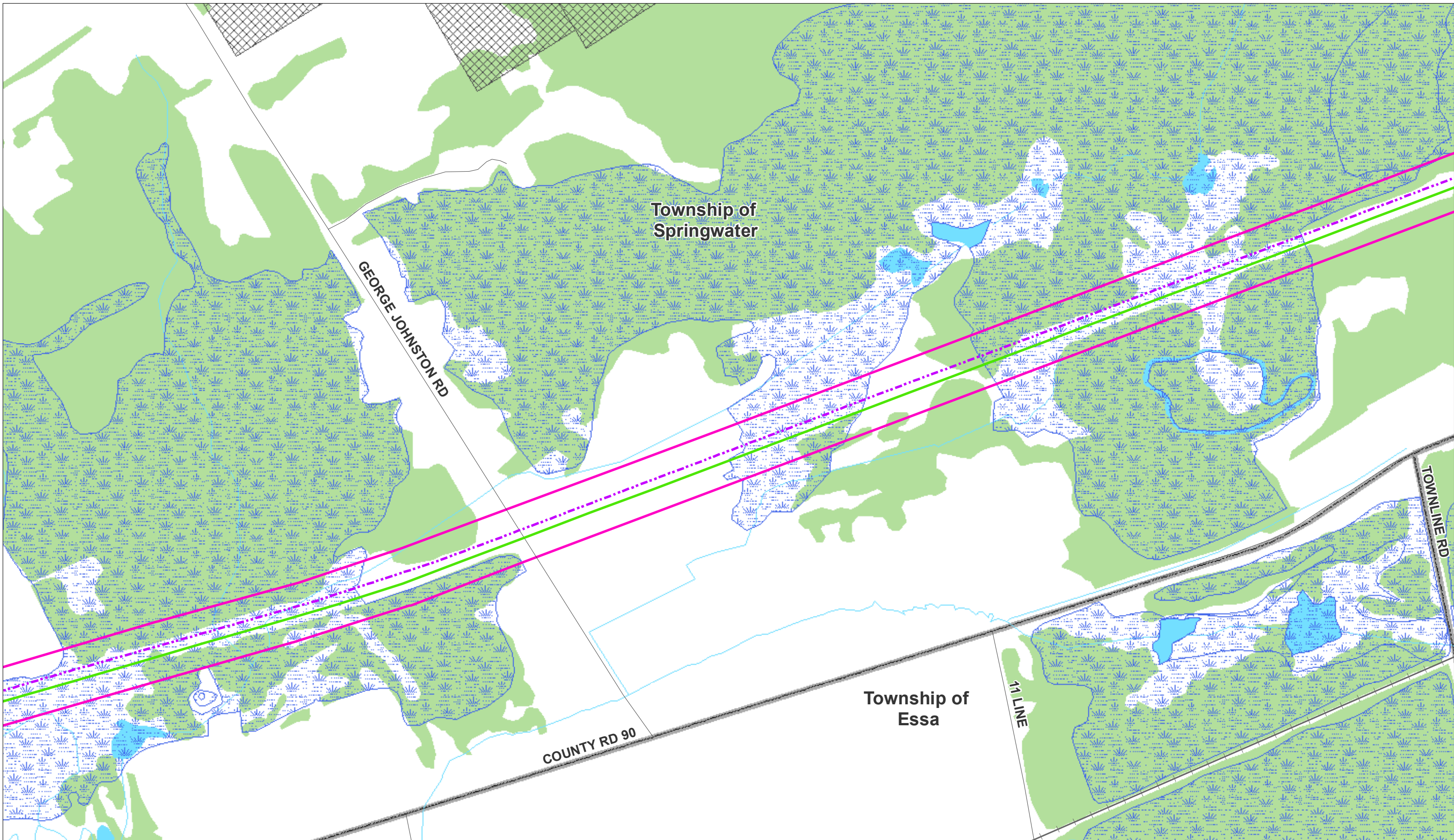



- |                                                                                                                      |                                                                                                          |                                                                                                     |                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|  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

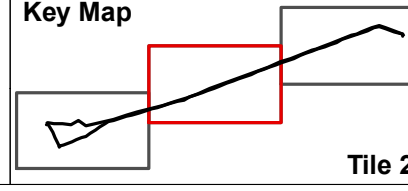











  
 Produced By: Inergi LP, GIS Services
   
 Date: Nov 10, 2017
   
 Map14-52\_E3B\_Essa\_NF\_tile
   







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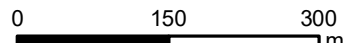


-  Transformer Stations (TS)
-  Transmission Line to be Upgraded
-  Transmission Line to be Removed
-  Class EA Study Area
-  Highway
-  Road
-  Railway
-  Municipal Boundary


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

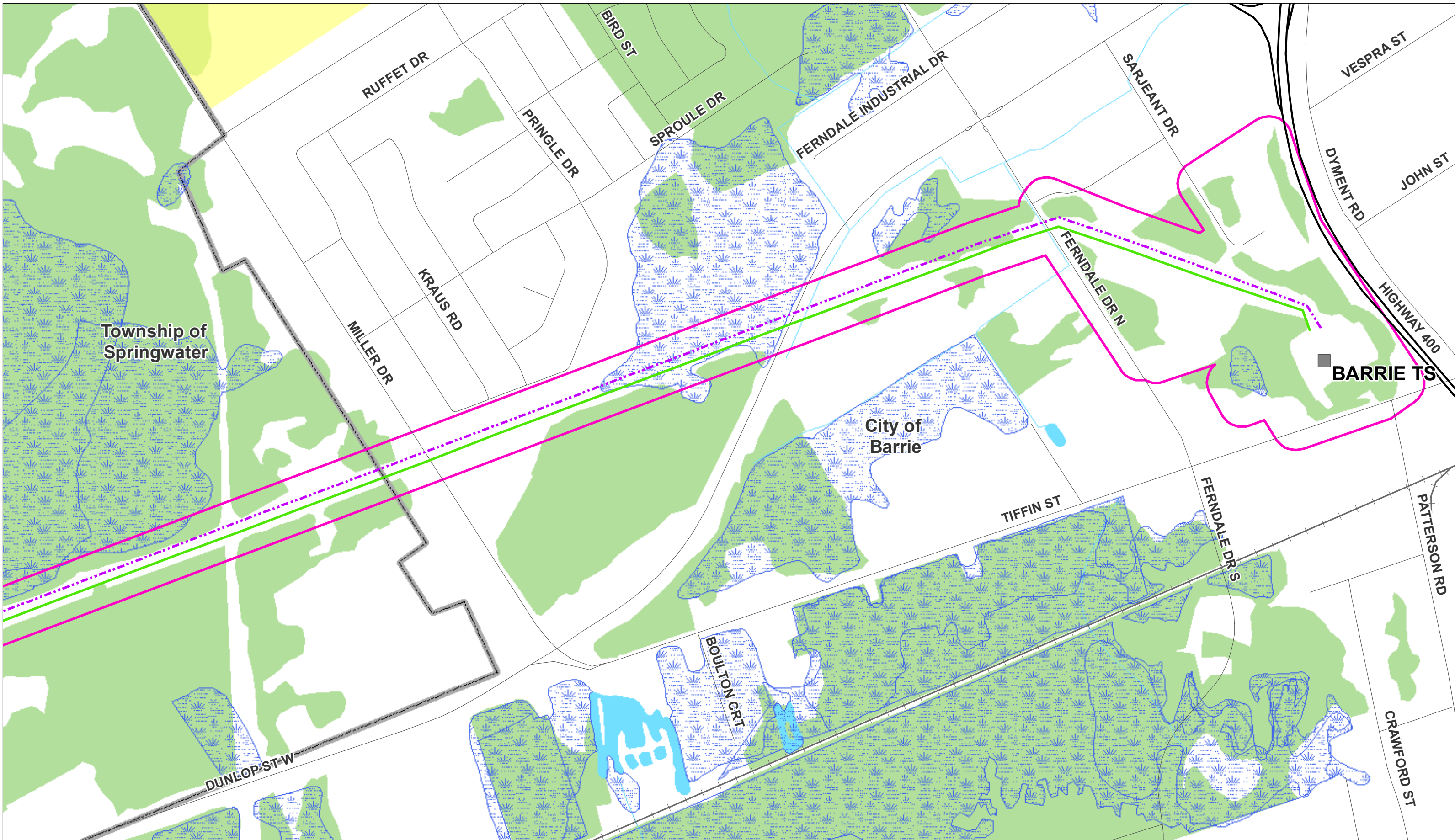
**Barrie Area Transmission Upgrade:  
Natural Features Map**

1:7,500



0 150 300 m



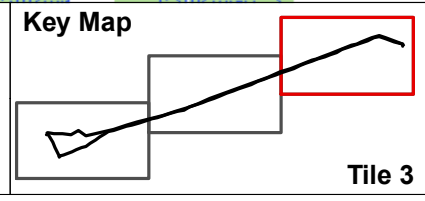


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- Transformer Stations (TS)
- Transmission Line to be Upgraded
- Transmission Line to be Removed
- Class EA Study Area
- Highway
- Road
- Railway
- Municipal Boundary

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

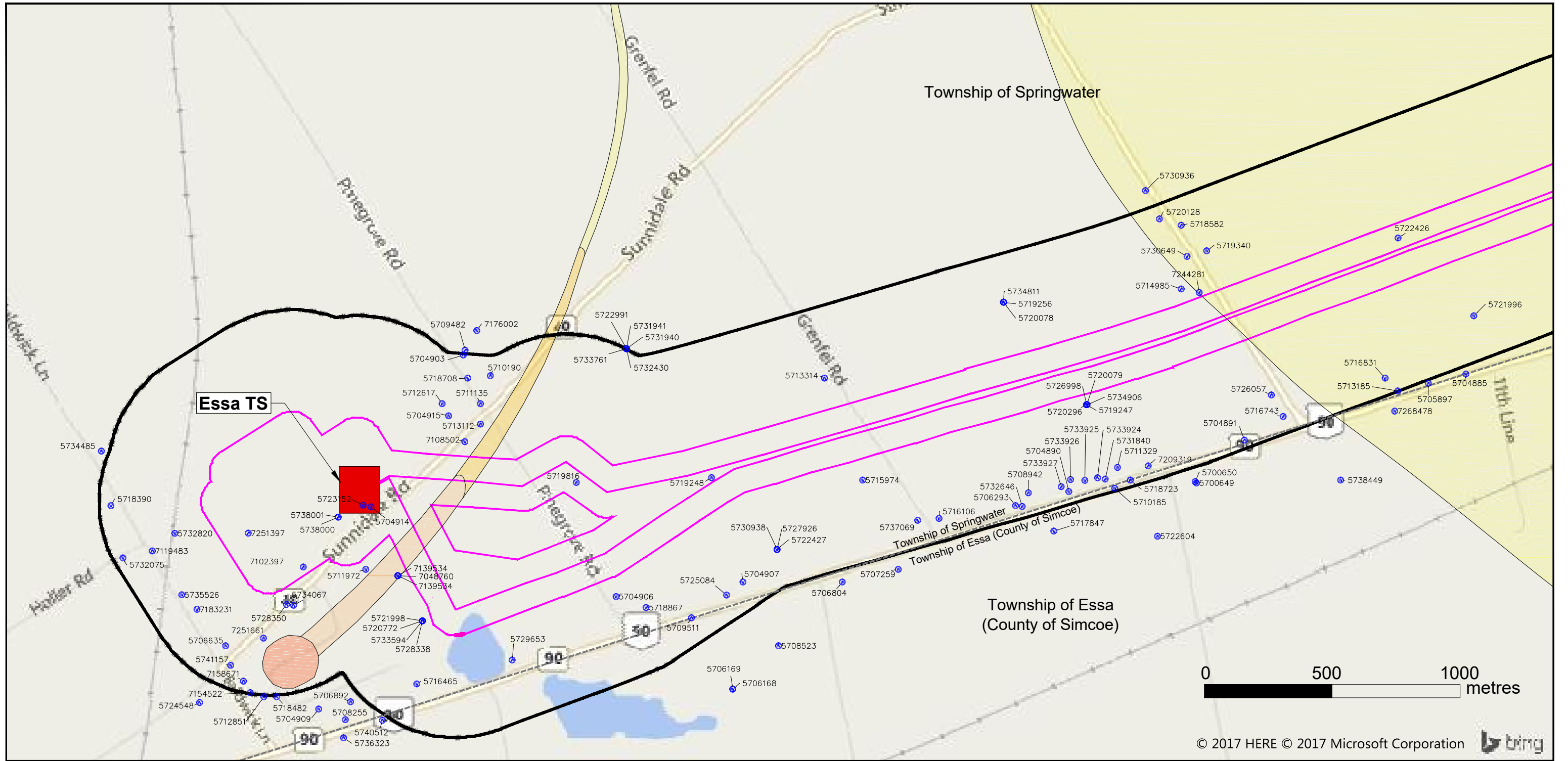
**Barrie Area Transmission Upgrade:  
Natural Features Map**

1:7,500

0 150 300 m



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



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**Legend:**

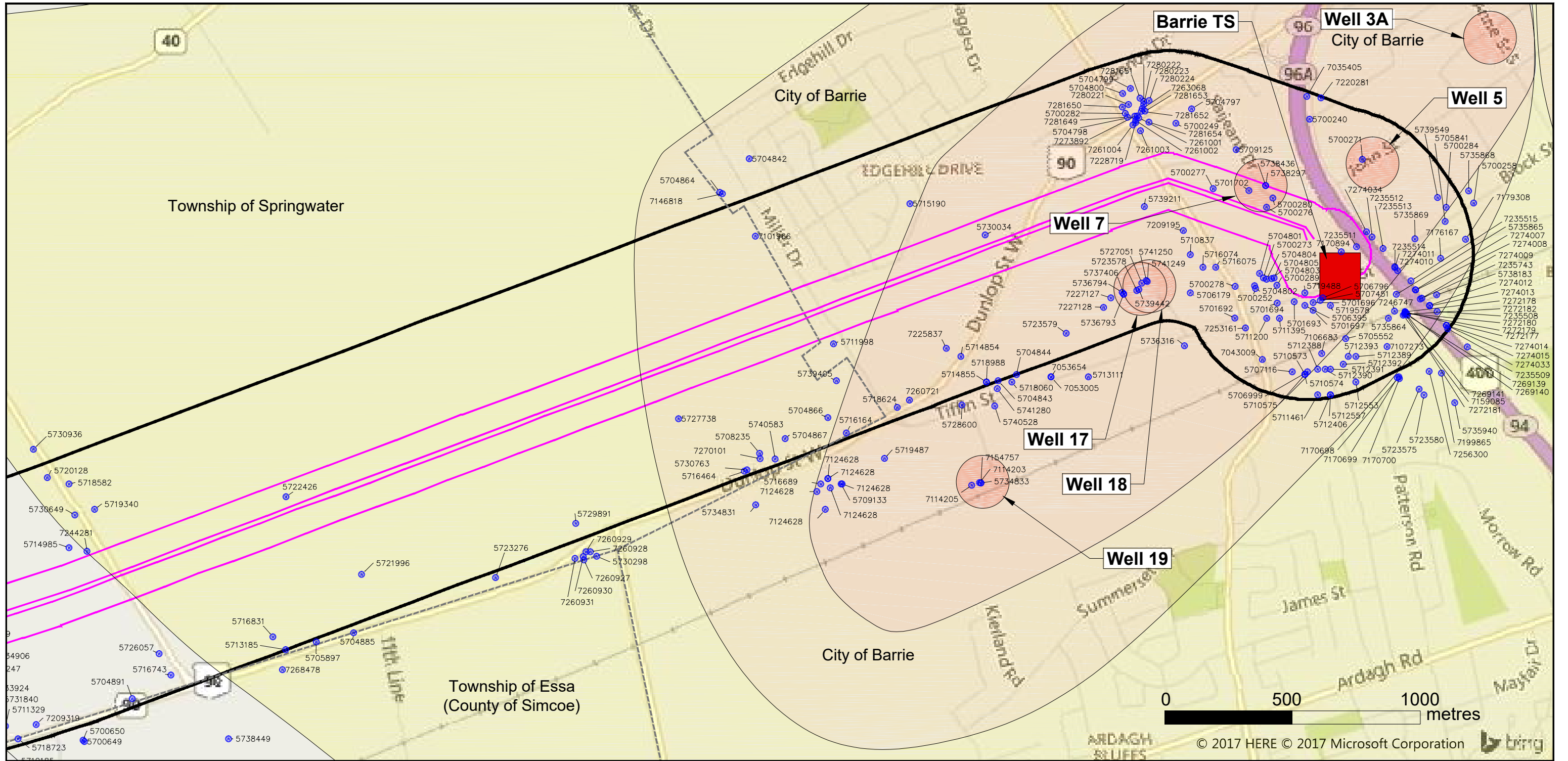
WELLHEAD PROTECTION AREAS

- 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

- 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

Z:\351000\_Series\351266\351266.dwg LAYOUT: 11/16/2017 7:43 AM PLOTTED: 11/20/2017 10:07 AM BY: IZABELA ZIBA



**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

**Selected Water Well Records and Wellhead Protection Areas**

Barrie Area Transmission Upgrade

**HYDRO ONE NETWORKS INC.**

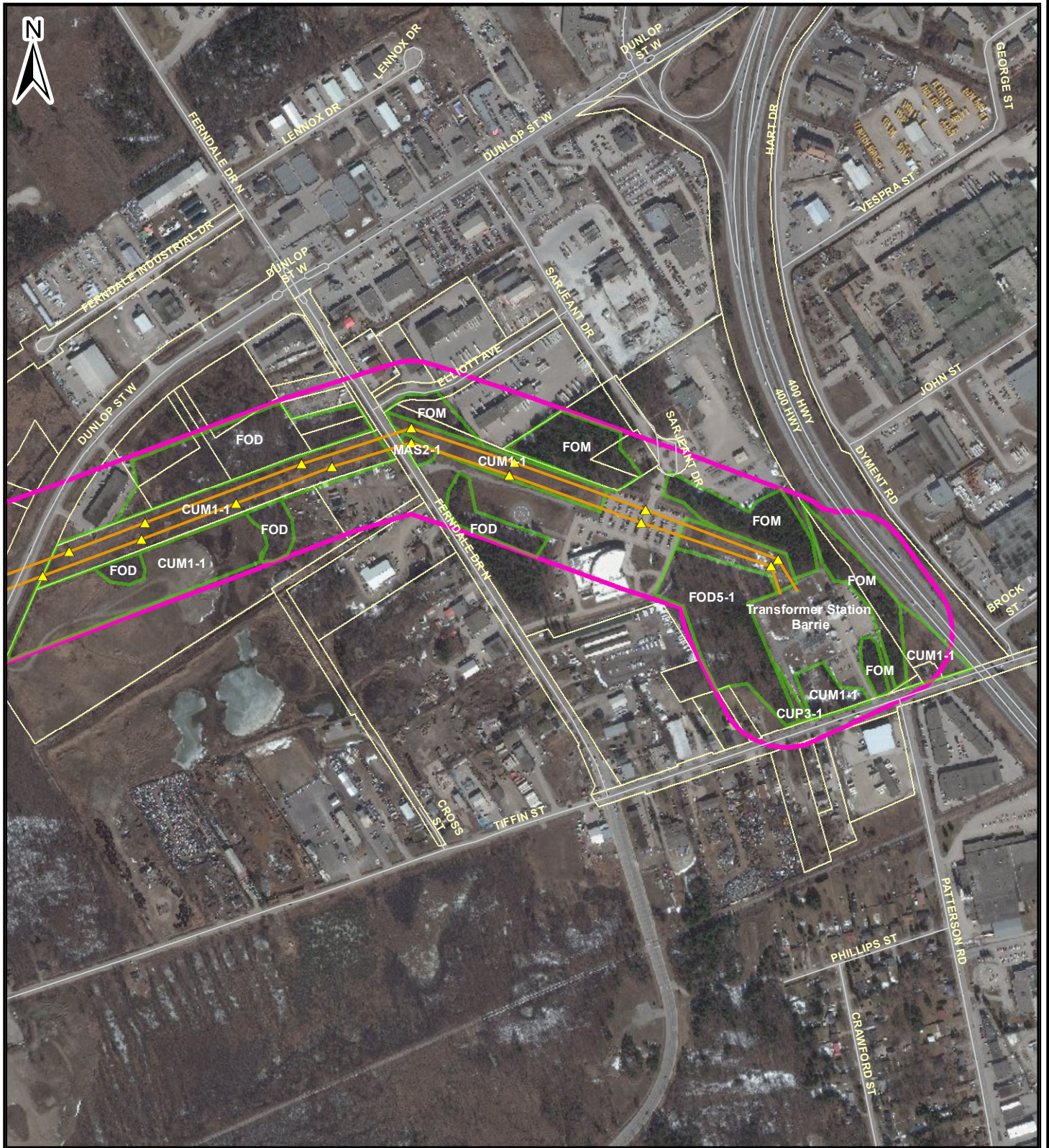


15 Nov 2017






Appendix B-4

Z:\351000\_Series\351266\351266.dwg LAYOUT: 2 SAVED: 11/16/2017 7:43 AM PLOTTED: 11/20/2017 10:10 AM BY: IZABELA ZIBA

# APPENDIX C-4: Ecological Land Classification

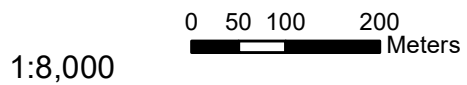


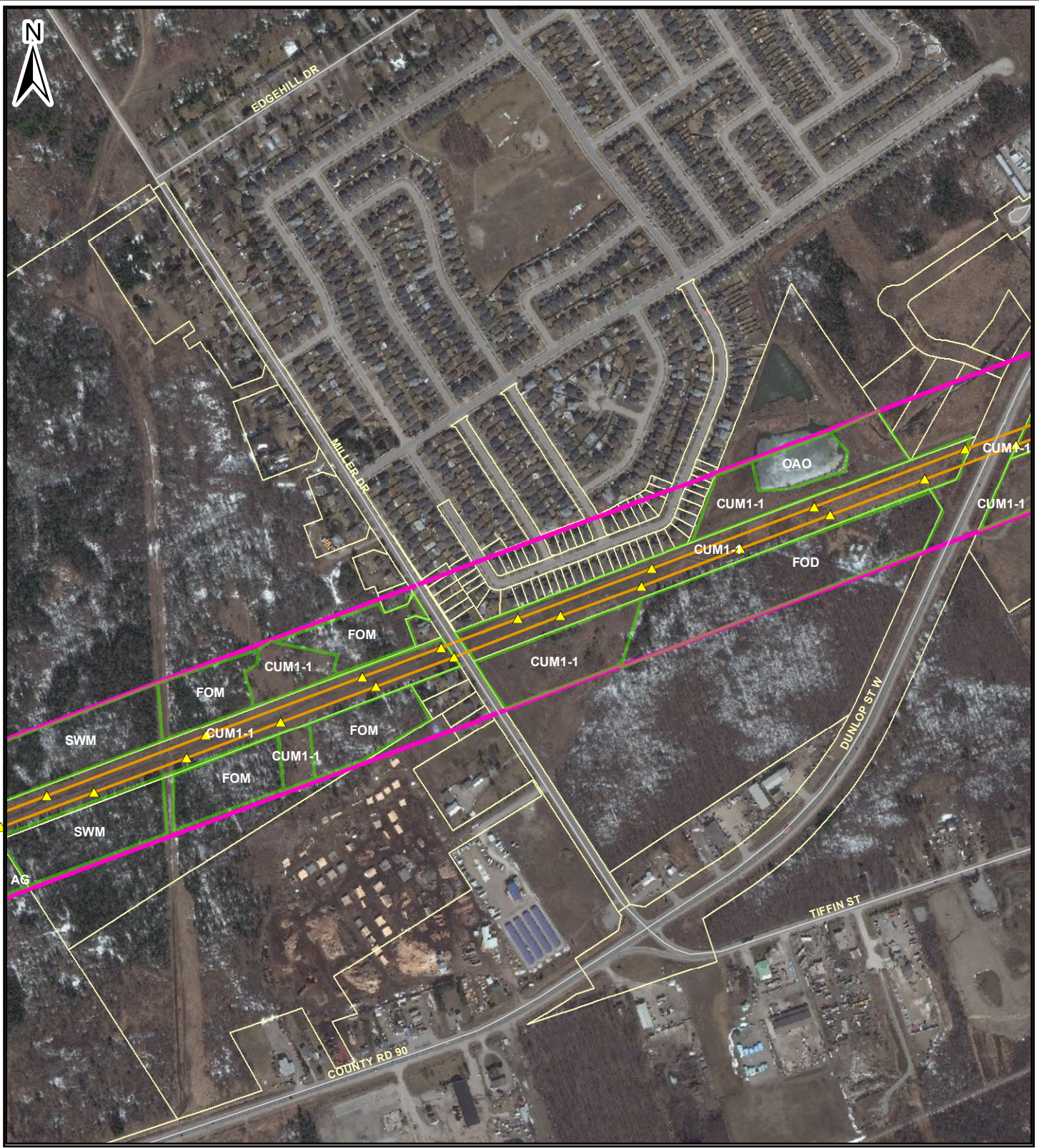
**Legend**

-  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

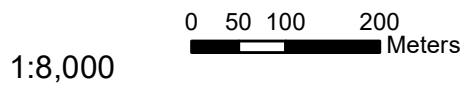




**Legend**

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

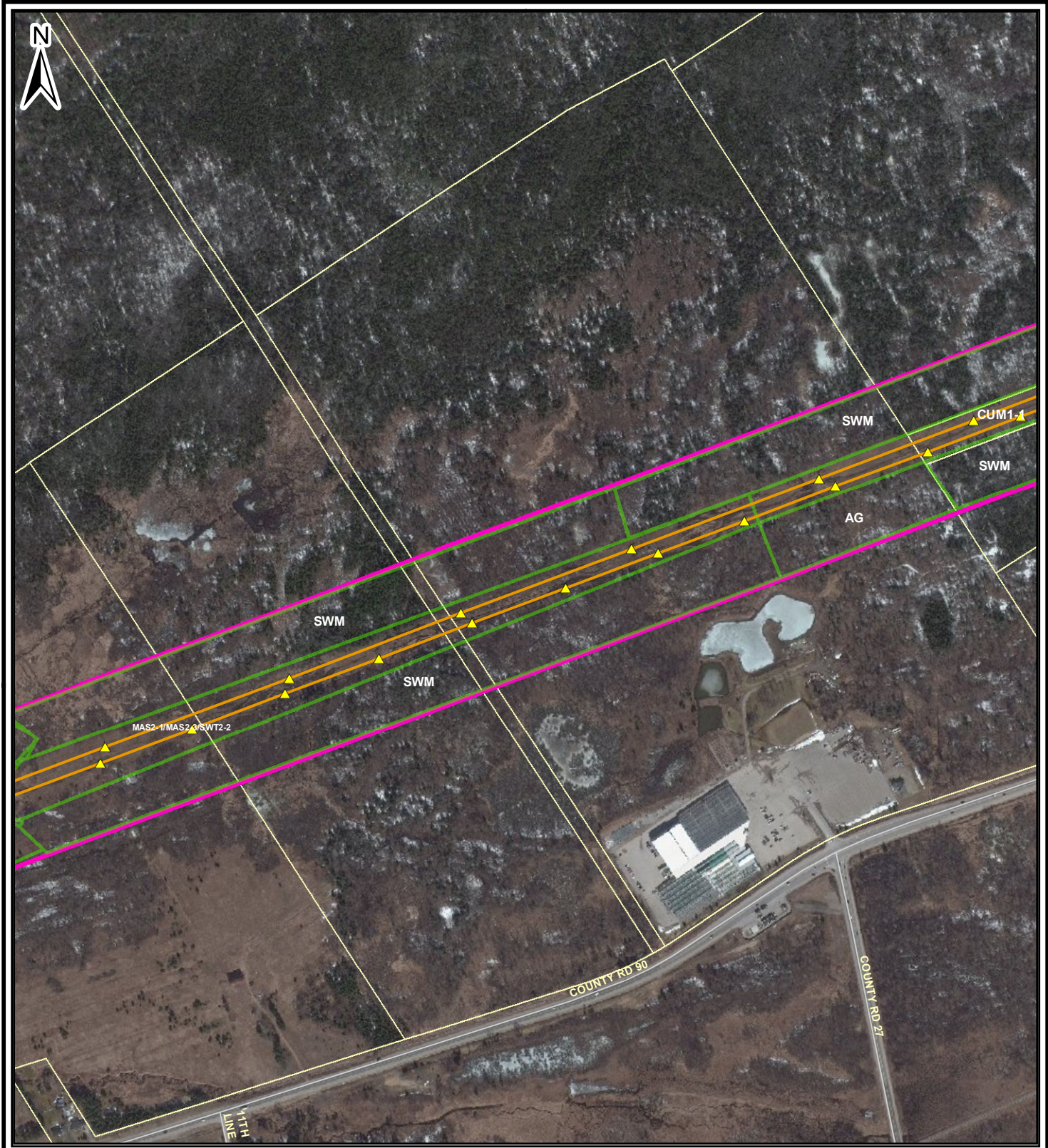
Title: **Ecological Land Classification (ELC)** Tile2



1:8,000



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

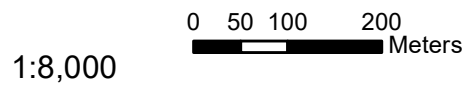


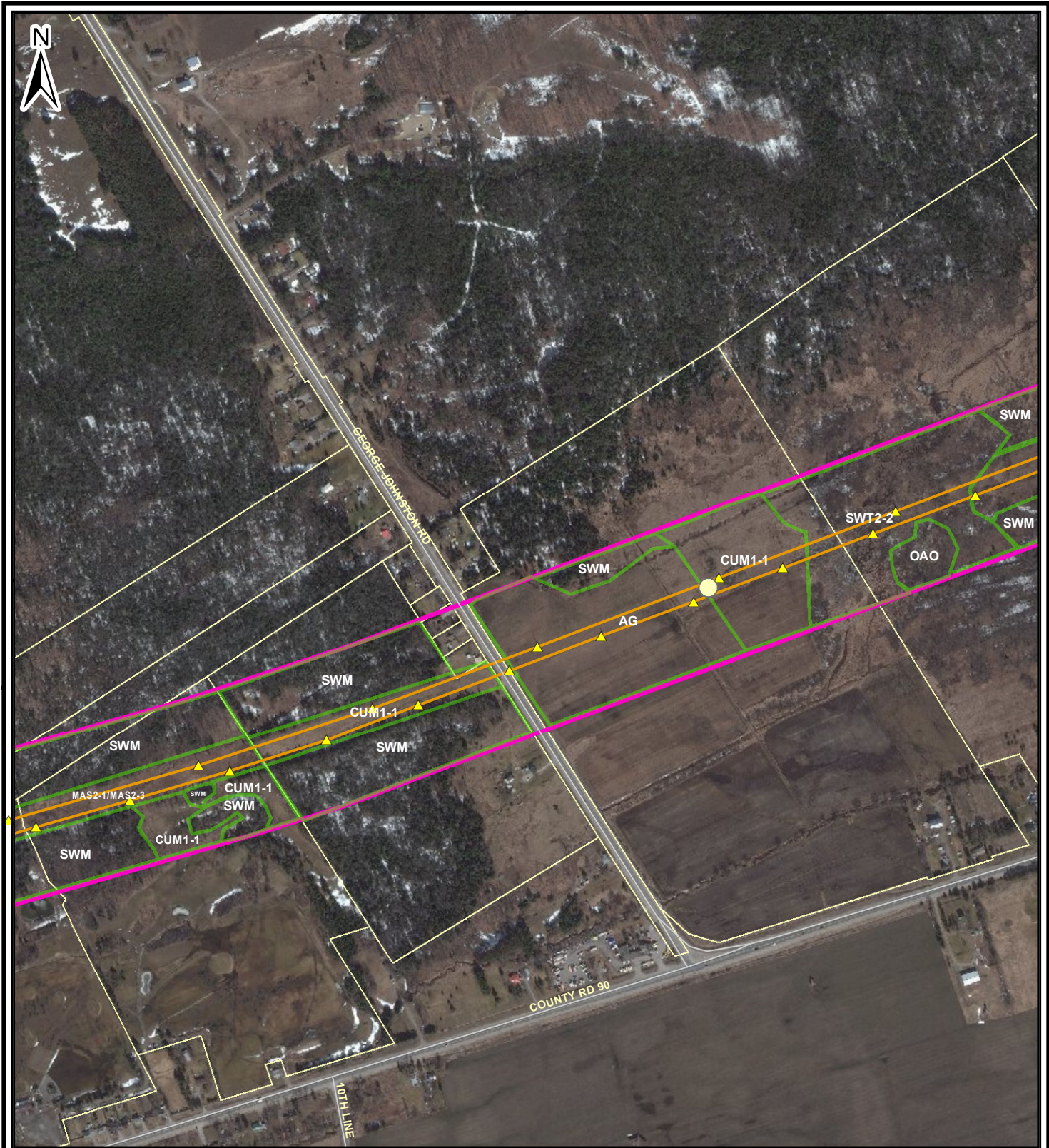
**Legend**

- 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



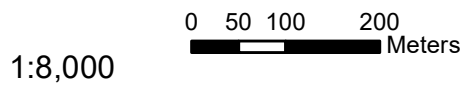


**Legend**

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

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

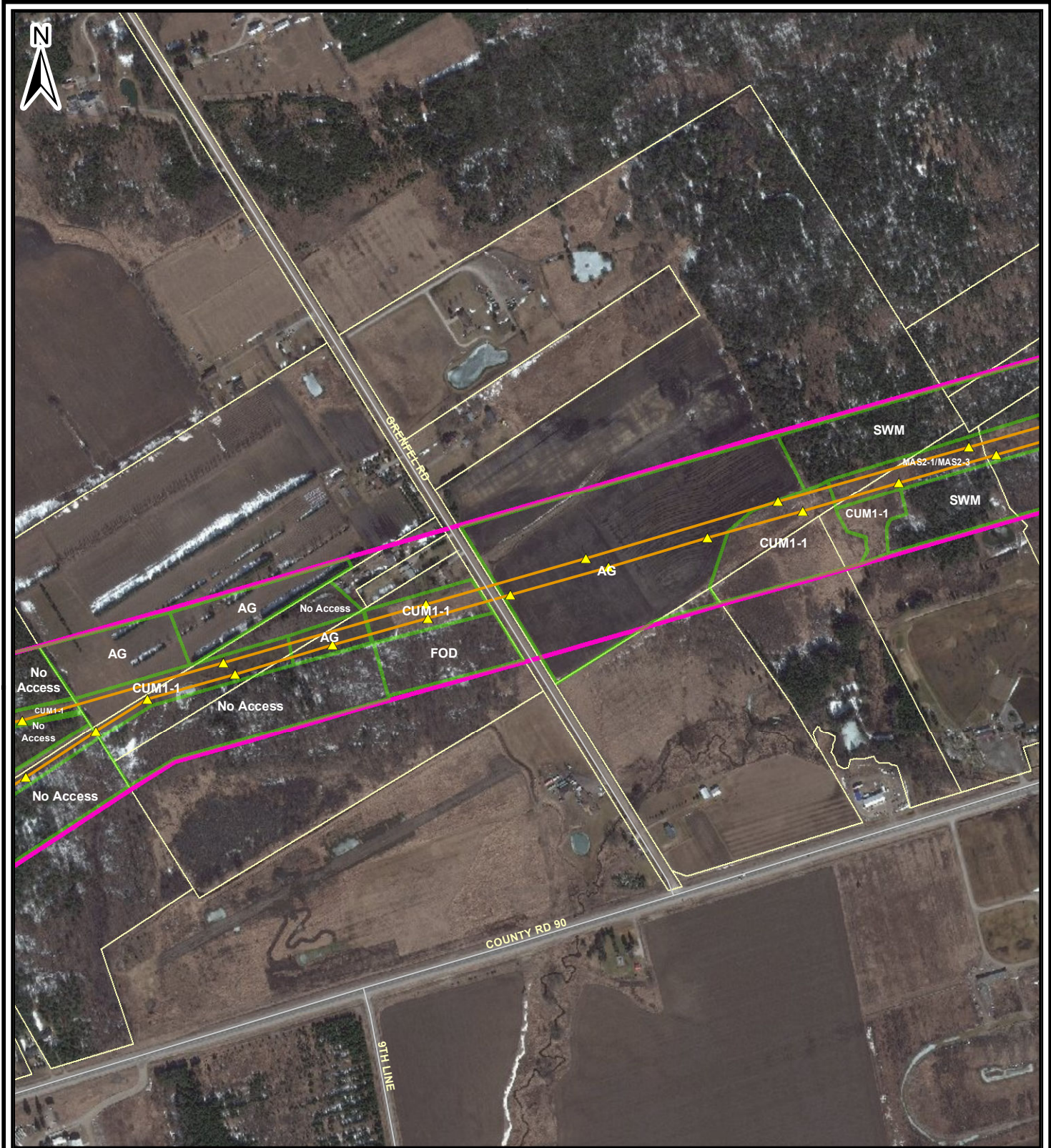
Title: **Ecological Land Classification (ELC)** Tile4



1:8,000





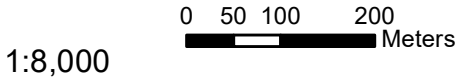


**Legend**

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






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

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

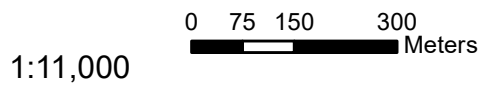




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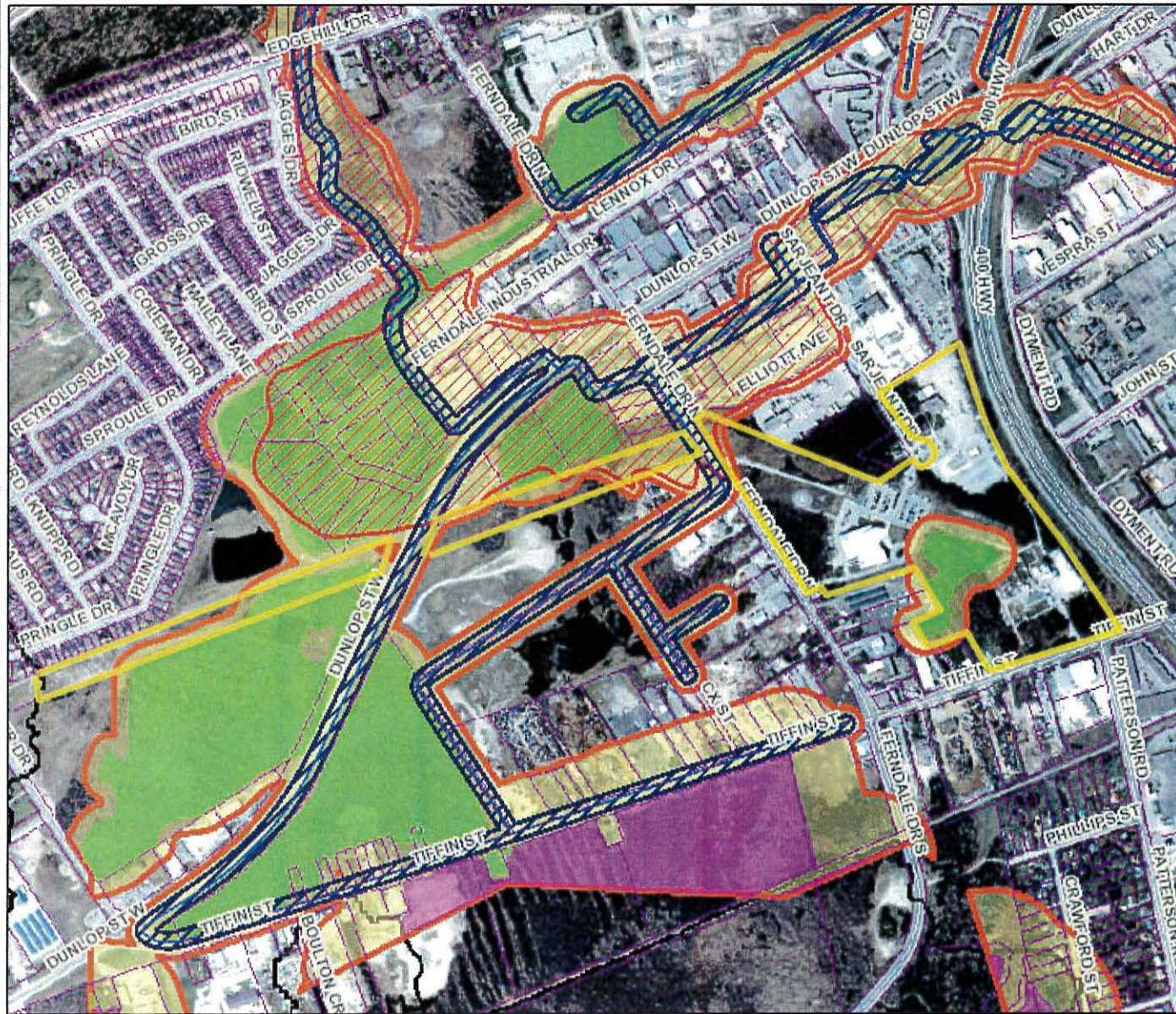
-  Transmission Lines
-  Property Boundaries
-  Study Area
-  Ecological Land Classification (ELC)
-  Structures

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



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

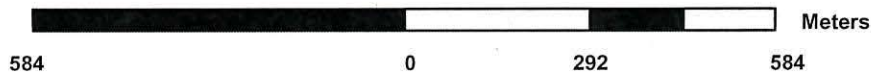
Printed On:  
2/14/2017



Mapped By:

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Scale 1: 11,500



584

0

292

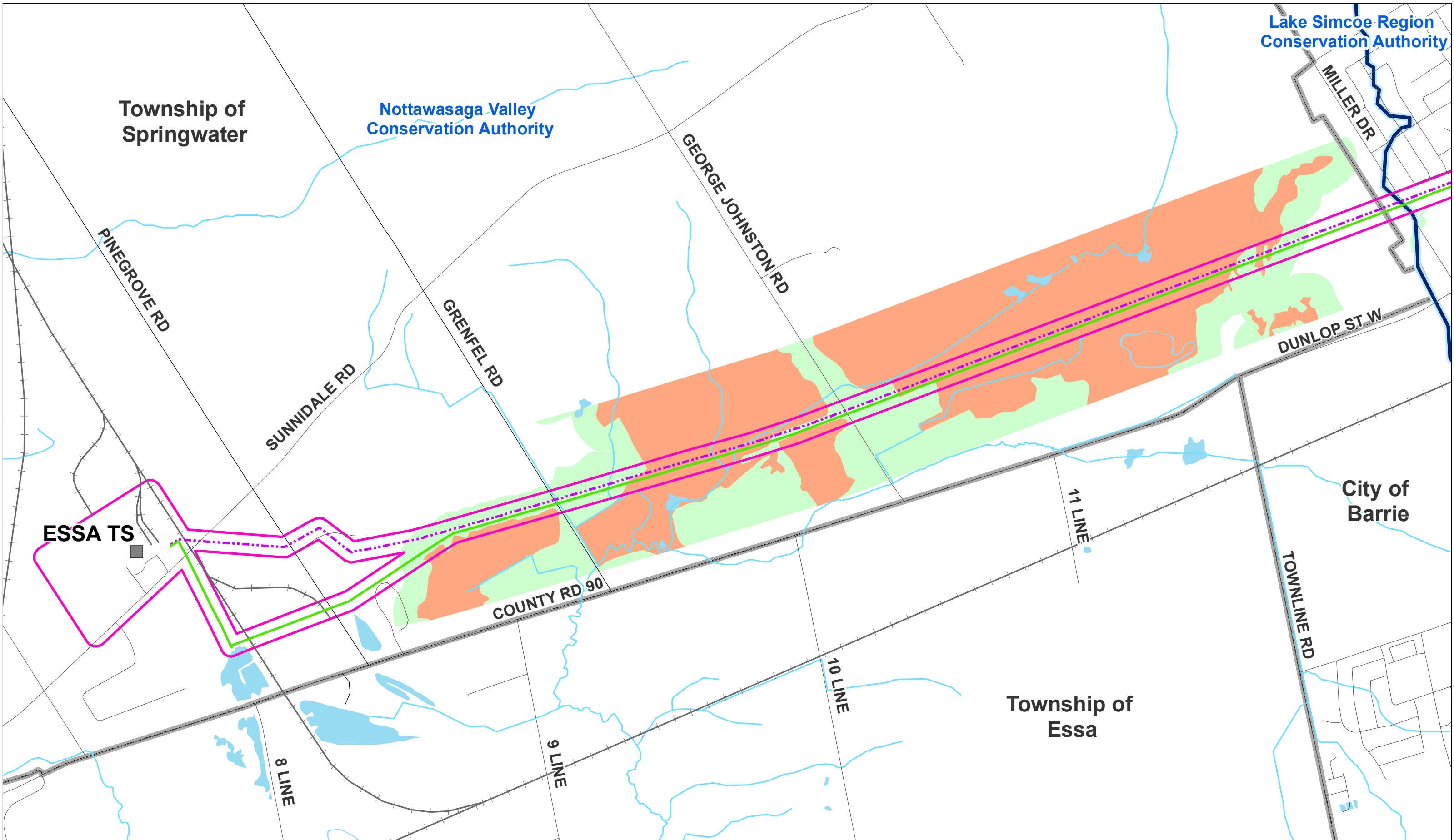
584

Township of Springwater

Nottawasaga Valley Conservation Authority

City of Barrie

Township of Essa



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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