

APPENDIX D – Natural Environment Figures

Ecological Land Classification Maps

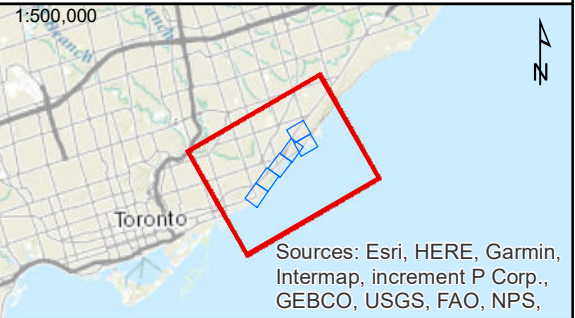




LEGEND

Study Area

ELC



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS,

Coordinate System: NAD 1983 UTM Zone 17N
Sources: MNRF



MORRISON HERSHFIELD

SCALE: 1:30,000

0

200

400

800

1,200

1,600

Meters

TITLE:

Ecological Land Classification (ELC)

PROJECT NO.: 220171000

Scarborough Waterfront West IEA

DATE:

February 2024

Overview

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

G:\2022\220171099_Scarborough_Waterfront_West_IEA\mxd\ENV_Maps\ELC_Maps\ELC_Overview_220171000.mxd

LEGEND

 Study Area

ELC

TRCA L Rank (2022)

 L1 - L3: Community of Regional Conservation Concern

 L4: Community of Conservation
Concern in Urban Area

ELC Codes

BB01-1, Sea Rocket Open Sand Beach
BB02-A, Rubble Open Shoreline
BBT2-A, Rubble Treed Shoreline
CUP1-c, Locust Deciduous Plantation
CUS1-3, Red Oak Non-tallgrass Savannah
CUT1-1, Sumach Deciduous Thicket
CUW1-b, Exotic Successional Woodland
FOC3-1, Fresh-Moist Hemlock Coniferous Forest
FOD4-d, Dry-Fresh Norway Maple Deciduous Forest
FOD5-3, Dry-Fresh Sugar Maple - Oak Deciduous Forest
FOD7-a, Fresh-Moist Manitoba Maple Lowland Deciduous Forest
FOD7-c, Fresh-Moist Exotic Deciduous Forest
FOD9-A, Fresh-Moist Oak - Beech Deciduous Forest
FOM3-1, Dry-Fresh Hardwood - Hemlock Mixed Forest
FOM6-1, Fresh-Moist Sugar Maple - Hemlock Mixed Forest
MAM2-9, Jewelweed Mineral Meadow Marsh
SDS1-A, Willow Shrub Sand Dune
SWD4-4, Yellow Birch Mineral Deciduous Swamp



1:150,000

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS,

Coordinate System: NAD 1983 UTM Zone 17N
Sources: MNR



SCALE: 1:3,800

0 30 60 120 180 240

Meters

TITLE: **Ecological Land Classification (ELC)**

PROJECT NO.: 22017100

Scarborough Waterfront West IEA

DATE: **February 2024**

Figure 1 of 6

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

LEGEND

Study Area

ELC

TRCA L Rank (2022)

L1 - L3: Community of Regional Conservation Concern

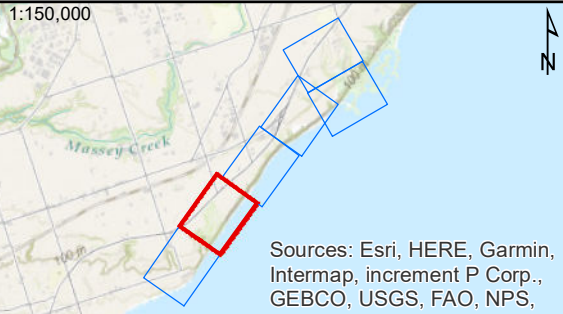
L4: Community of Conservation Concern in Urban Area



ELC Codes

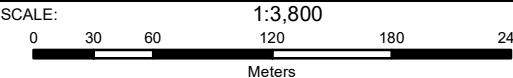
- BBO1-1, Sea Rocket Open Sand Beach
- BBO2-A, Rubble Open Shoreline
- BBS1-2A, Willow Shrub Beach
- BBT2-A, Rubble Treed Shoreline
- BLO1, Mineral Open Bluff
- BLS1-A, Sumach - Willow - Cherry Shrub Bluff
- BLT1-c, Exotic Treed Bluff
- CUH1-A, Treed Hedgerow
- CUP1-c, Locust Deciduous Plantation
- CUP3-6, European Larch Coniferous Plantation
- CUP3-H, Mixed Conifer Coniferous Plantation
- CUS1-3, Red Oak Non-tallgrass Savannah
- CUT1-c, Exotic Deciduous Thicket
- CUW1-2, Red Oak Non-tallgrass Woodland
- CUW1-A3, Native Deciduous Successional Woodland
- CUW1-A4, Fresh-Moist Cottonwood Tall Treed
- CUW1-b, Exotic Successional Woodland
- FOC3-1, Fresh-Moist Hemlock Coniferous Forest
- FOD1-1, Dry-Fresh Red Oak Deciduous Forest
- FOD4-b, Dry-Fresh Manitoba Maple Deciduous Forest
- FOD5-3, Dry-Fresh Sugar Maple - Oak Deciduous Forest
- FOD7-3, Fresh-Moist Willow Lowland Deciduous Forest
- FOD7-a, Fresh-Moist Manitoba Maple Lowland Deciduous Forest
- FOD9-A, Fresh-Moist Oak - Beech Deciduous Forest
- FOM2-1, Dry-Fresh White Pine - Oak Mixed Forest
- FOM3-1, Dry-Fresh Hardwood - Hemlock Mixed Forest
- MAM2-7, Horsetail Mineral Meadow Marsh
- MAM2-a, Common Reed Mineral Meadow Marsh
- SAM1-4, Pondweed Mixed Shallow
- SWD4-1, Willow Mineral Deciduous Swamp
- SWD4-4, Yellow Birch Mineral Deciduous Swamp

1:150,000



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS,

Coordinate System: NAD 1983 UTM Zone 17N
Sources: MNR



TITLE:
Ecological Land Classification (ELC)

PROJECT NO.: 22017100
Scarborough Waterfront West IEA

DATE: **February 2024** **Figure 2 of 6**

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



LEGEND

 Study Area

ELC

TRCA L Rank (2022)

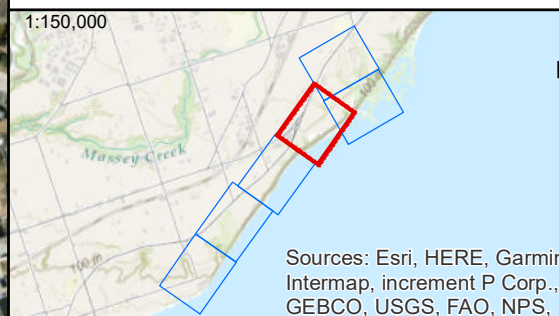
 L1 - L3: Community of Regional Conservation Concern

 L4: Community of Conservation Concern in Urban Area



ELC Codes

BBO1-2, Wormwood Open Gravel Beach
BBO2-A, Rubble Open Shoreline
BBS1-2A, Willow Shrub Beach
BLO1, Mineral Open Bluff
BLS1-A, Sumach - Willow - Cherry Shrub Bluff
BLT1-B, Deciduous Treed Bluff
BLT1-c, Exotic Treed Bluff
CUH1-A, Treed Hedgerow
CUM1-b, Exotic Cool-season Grass Graminoid Meadow
CUP1-c, Locust Deciduous Plantation
CUP3-e, Norway Spruce Coniferous Plantation
CUS1-A1, Native Deciduous Successional Savannah
CUT1-1, Sumach Deciduous Thicket
CUW1-b, Exotic Successional Woodland
FOD3-1, Dry-Fresh Poplar Deciduous Forest
FOD4-b, Dry-Fresh Manitoba Maple Deciduous Forest
FOD7-4, Fresh-Moist Black Walnut Lowland Deciduous Forest
FOD7-b, Fresh-Moist Norway Maple Deciduous Forest
FOD8-1, Fresh-Moist Poplar Deciduous Forest
MAM2-10, Forb Mineral Meadow Marsh
MAM2-a, Common Reed Mineral Meadow Marsh
MAS2-a, Common Reed Mineral Shallow Marsh
SWT2-2, Willow Mineral Thicket Swamp



Coordinate System: NAD 1983 UTM Zone 17N
Sources: MNRF



SCALE: 1:3,800

0 30 60 120 180 240

Meters

TITLE: **Ecological Land Classification (ELC)**

PROJECT NO.: 22017100

Scarborough Waterfront West IEA

DATE: **February 2024**

Figure 4 of 6

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

LEGEND

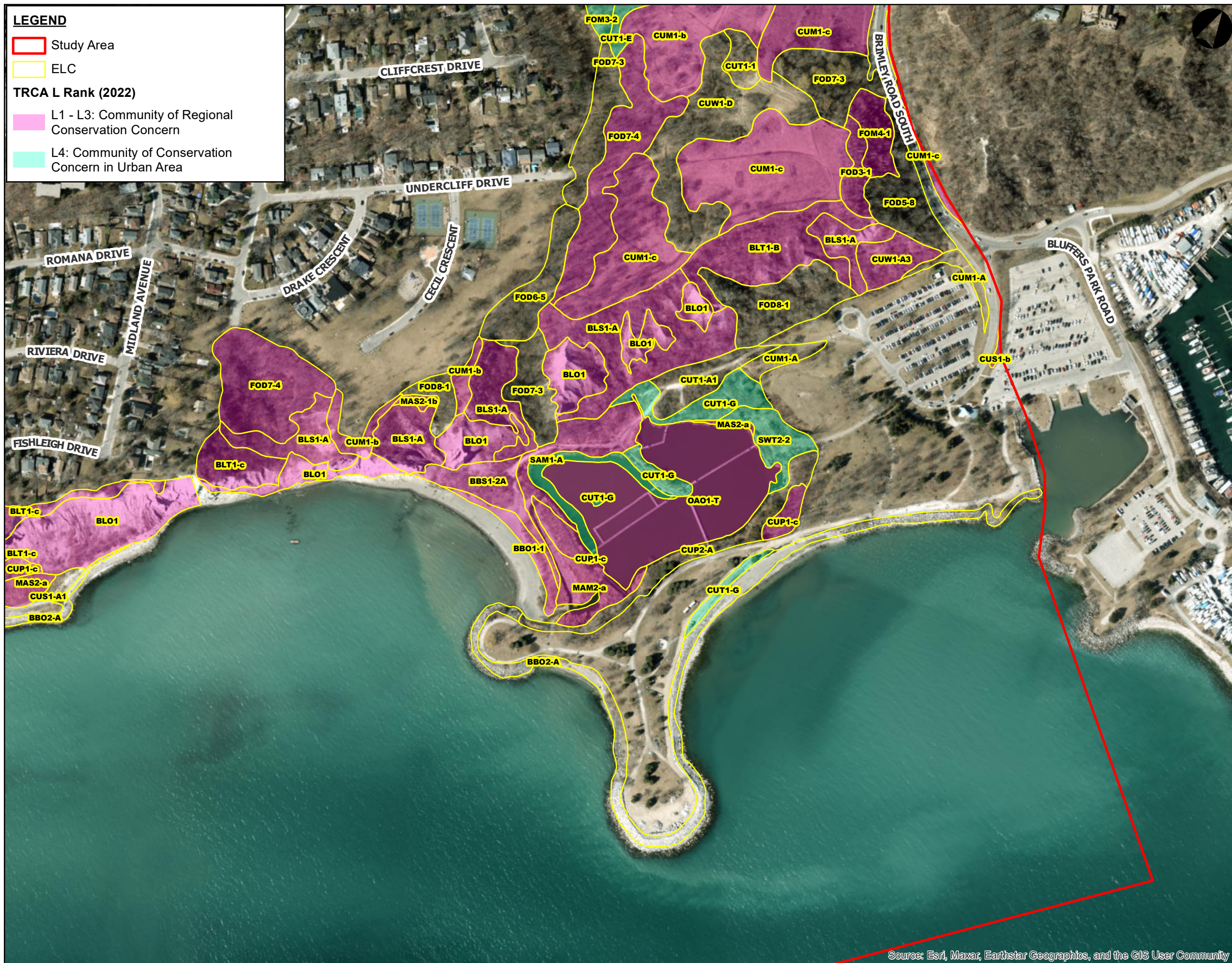
 Study Area

ELC

TRCA L Rank (2022)

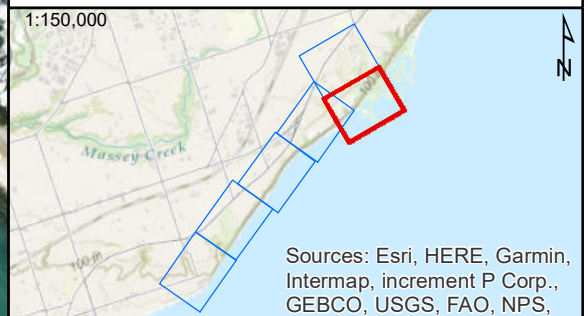
 L1 - L3: Community of Regional Conservation Concern

 L4: Community of Conservation Concern in Urban Area



ELC Codes

BBO1-1, Sea Rocket Open Sand Beach
BBO2-A, Rubble Open Shoreline
BBS1-2A, Willow Shrub Beach
BLO1, Mineral Open Bluff
BLS1-A, Sumach - Willow - Cherry Shrub Bluff
BLT1-B, Deciduous Treed Bluff
BLT1-c, Exotic Treed Bluff
CUM1-A, Native Forb Meadow
CUM1-b, Exotic Cool-season Grass Graminoid
CUM1-c, Exotic Forb Meadow
CUP1-c, Locust Deciduous Plantation
CUP2-A, Restoration Mixed Plantation
CUS1-A1, Native Deciduous Successional Savannah
CUS1-b, Exotic Successional Savannah
CUT1-1, Sumach Deciduous Thicket
CUT1-A1, Native Deciduous Sapling Regeneration
CUT1-E, Red Osier Dogwood Deciduous
CUT1-G, Willow Deciduous Thicket
CUW1-A3, Native Deciduous Successional
CUW1-D, Hawthorn Successional Woodland
FOD3-1, Dry-Fresh Poplar Deciduous Forest
FOD5-8, Dry-Fresh Sugar Maple - White Ash Deciduous Forest
FOD6-5, Fresh-Moist Sugar Maple - Hardwood Deciduous Forest
FOD7-3, Fresh-Moist Willow Lowland Deciduous
FOD7-4, Fresh-Moist Black Walnut Lowland Deciduous Forest
FOD8-1, Fresh-Moist Poplar Deciduous Forest
FOM3-2, Dry-Fresh Hemlock - Sugar Maple Mixed
FOM4-1, Dry-Fresh White Cedar - Paper Birch Mixed Forest
MAM2-a, Common Reed Mineral Meadow Marsh
MAS2-1b, Narrow-leaved Cattail Mineral Shallow
MAS2-a, Common Reed Mineral Shallow Marsh
OAO1-T, Turbid Open Aquatic
SAM1-A, Water Lily - Bullhead Lily Mixed Shallow
SWT2-2, Willow Mineral Thicket



Coordinate System: NAD 1983 UTM Zone 17N
Sources: MNRF



SCALE: 1:3,800

0 30 60 120 180 240

Meters

TITLE: **Ecological Land Classification (ELC)**

PROJECT NO.: 22017100

Scarborough Waterfront West IEA

DATE: February 2024	Figure 5 of 6
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Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

LEGEND

 Study Area

 ELC

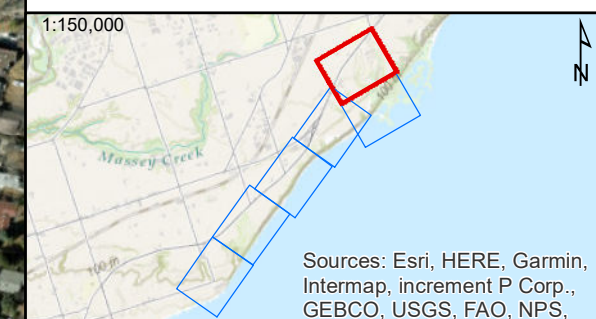
TRCA L Rank (2022)

 L1 - L3: Community of Regional Conservation Concern

 L4: Community of Conservation Concern in Urban Area

 L1 - L3: Community of Regional Conservation Concern
 L4: Community of Conservation Concern in Urban Area

CUM1-b, Exotic Cool-season Grass Graminoid Meadow
CUM1-c, Exotic Forb Meadow
CUT1-1, Sumach Deciduous Thicket
CUT1-E, Red Osier Dogwood Deciduous Thicket
CUW1-b, Exotic Successional Woodland
FOD5-3, Dry-Fresh Sugar Maple - Oak Deciduous Forest
FOD6-5, Fresh-Moist Sugar Maple - Hardwood Deciduous Forest
FOM3-2, Dry-Fresh Hemlock - Sugar Maple Mixed Forest



Coordinate System: NAD 1983 UTM Zone 17N
Sources: MNRF



SCALE: 1:3,800

0 30 60 120 180 240

Meters

TITLE: **Ecological Land Classification (ELC)**

PROJECT NO.: 22017100

Scarborough Waterfront West IEA

DATE: February 2024	Figure 6 of 6
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Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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