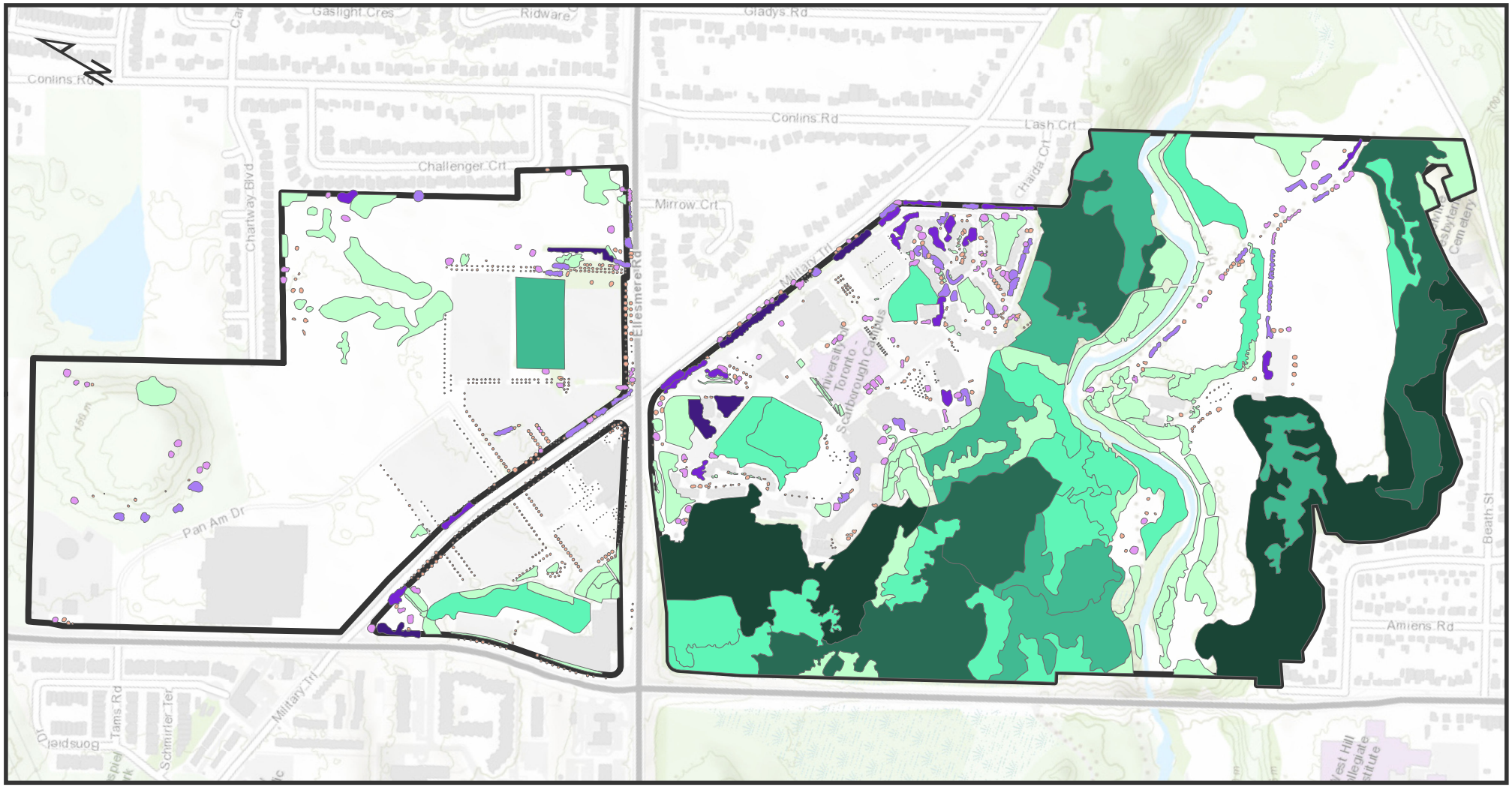
UNIVERSITY OF TORONTO'S FORESTS AND TREES

CARBON SEQUESTERED AT SCARBOROUGH CAMPUS (UTSC)

Carbon sequestration for single trees at UTSC was extrapolated using average carbon sequestration per canopy area values derived using i-Tree ECO software based on tree species and diameter at breast height (DBH) of Neighborwoods© tree monitoring data. Carbon sequestration for woodlands at UTSC was generated using average carbon sequestration per woodland area values derived based on forest successional stage using Vegetation Sampling Protocol (VSP) natural areas field data from southern Ontario.



Single Tree Canopy

Carbon Sequestration (kg/year)

- 78 - 160
- 35 - 77
- 17 - 34
- 6 - 16
- 0 - 5

Woodland Area

Carbon Sequestration (Mg/year)

- 8.87 - 17.99
- 4.67 - 8.86
- 2.10 - 4.66
- 0.85 - 2.09
- 0.00 - 0.84

UTSC Property

Total Carbon Sequestered: 139.48 Mg/year

North American Datum 1983
Universal Transverse Mercator
Zone 17N

UNIVERSITY OF TORONTO
FACULTY OF FORESTRY

0 125 250 500 Metres

Created by: Forests in Settled and Urbanized Landscapes Applied Research Group, University of Toronto Faculty of Forestry using ArcMap10.5 on January 24, 2019
Source: Neighbourwoods© Tree Inventory Field Data (2017), VSP Natural Areas Inventory Data (2017), City of Toronto Property Boundaries (2018), ESRI Topographic BaseMap (2018)
More info about this project can be found at: www.forests-settled-urban-landscapes.org