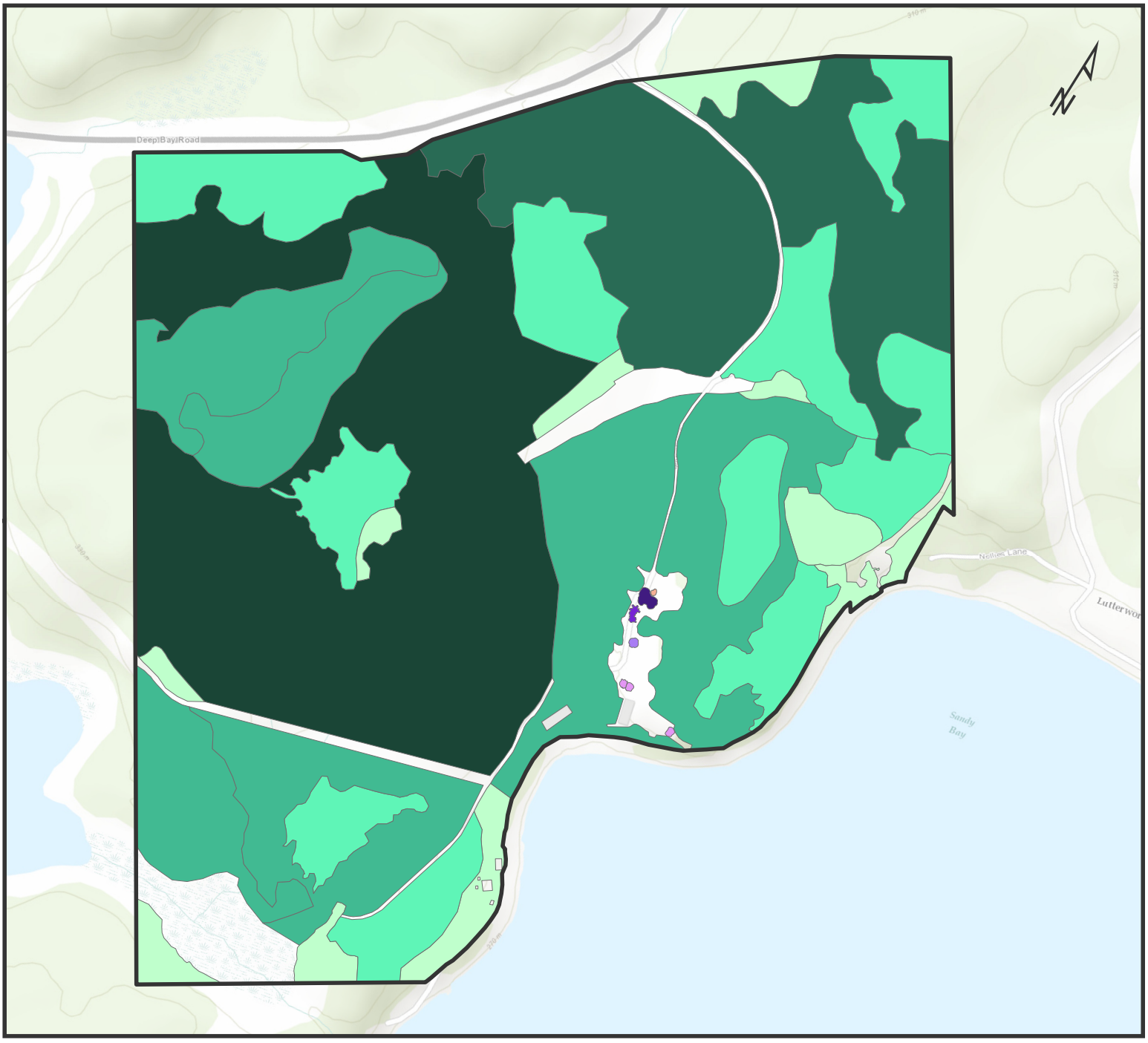
UNIVERSITY OF TORONTO'S FORESTS AND TREES

CARBON SEQUESTERED AT GULL LAKE SURVEY CAMP

Carbon sequestration for single trees at Gull Lake 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 Gull Lake was generated using average carbon sequestration per woodland area values derived based on forest successional stage using Vegetation Sampling Protoco (VSP) natural areas field data from southern Ontario.



Single Tree Canopy

Carbon Sequestration (kg/year)

- 20 - 45
- 14 - 19
- 11 - 13
- 6 - 10
- 5

Woodland Area

Carbon Sequestration (Mg/year)

- 18.99 - 63.11
- 11.60 - 18.98
- 6.21 - 11.59
- 2.11 - 6.20
- 0.09 - 2.10

Gull Lake Property

Total Carbon Sequestered: 206.06 Mg/year

1:6,500

0 50 100 200 300 Metres

North American Datum 1983
Universal Transverse Mercator
Zone 17N

UNIVERSITY OF TORONTO
FACULTY OF FORESTRY

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), MNRF Ownership Parcels (2013), ESRI Topographic BaseMap (2018)
More information about this project can be found at: www.forests-settled-urban-landscapes.org