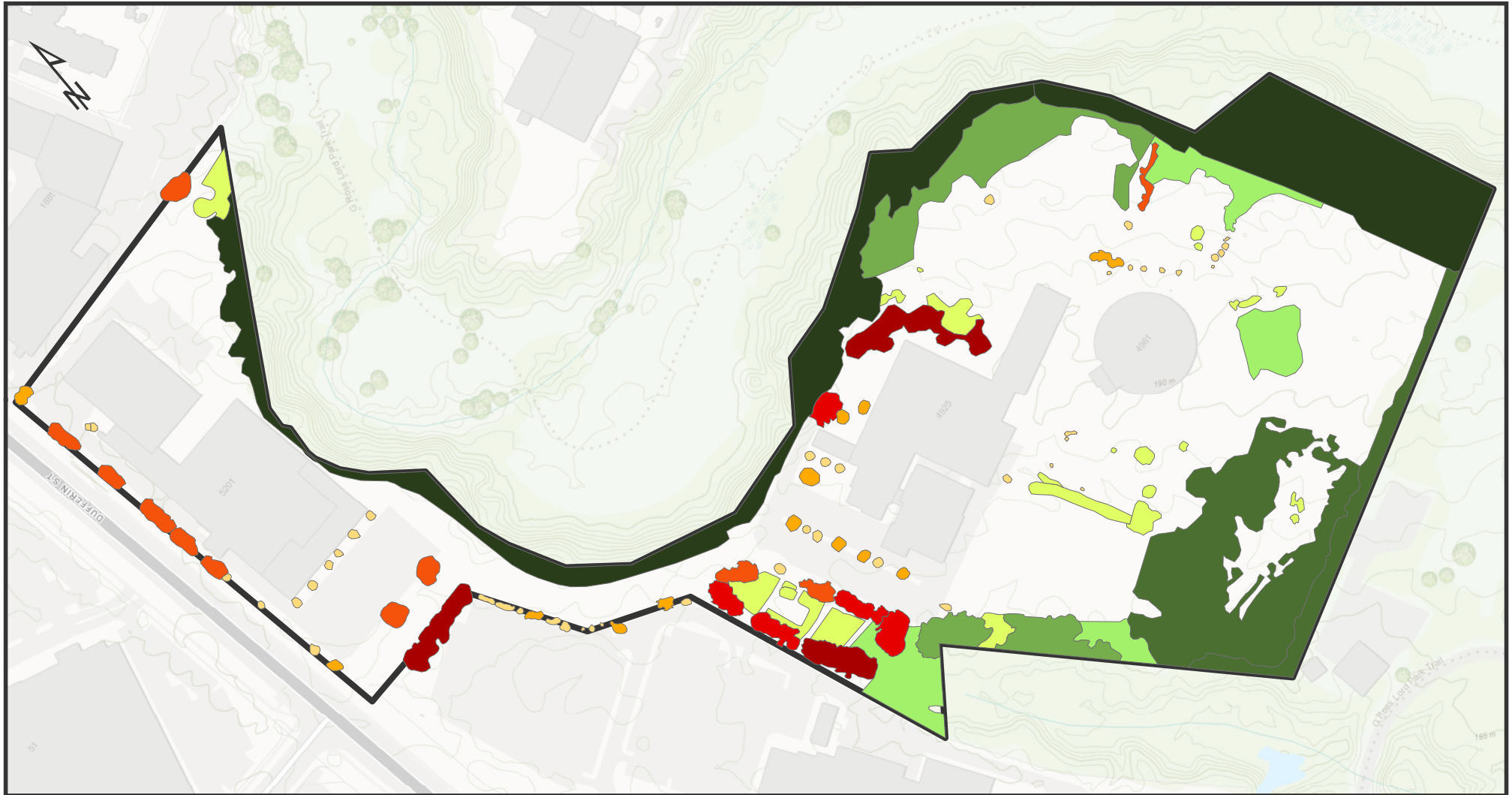


# UNIVERSITY OF TORONTO'S FORESTS AND TREES

## CARBON STORED AT U OF T INSTITUTE FOR AEROSPACE STUDIES (UTIAS)

Carbon storage for single trees at UTIAS was extrapolated using average carbon storage per canopy area values derived using i-Tree ECO software based on tree species and diameter at breast height (DBH) of Neighbourwoods© tree monitoring data. Carbon storage for woodlands at UTIAS was generated using average carbon storage 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 Stored (kg)

- 1966 - 5807
- 1160 - 1965
- 525 - 1159
- 184 - 524
- 13 - 183

### Woodland Area

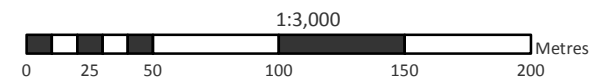
#### Carbon Stored (Mg)

- 14.05 - 71.91
- 8.18 - 14.04
- 3.64 - 8.17
- 0.67 - 3.63
- 0.01 - 0.66

UTIAS Property

**Total Carbon Stored: 221.09 Mg**

North American Datum 1983  
Universal Transverse Mercator  
Zone 17N



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