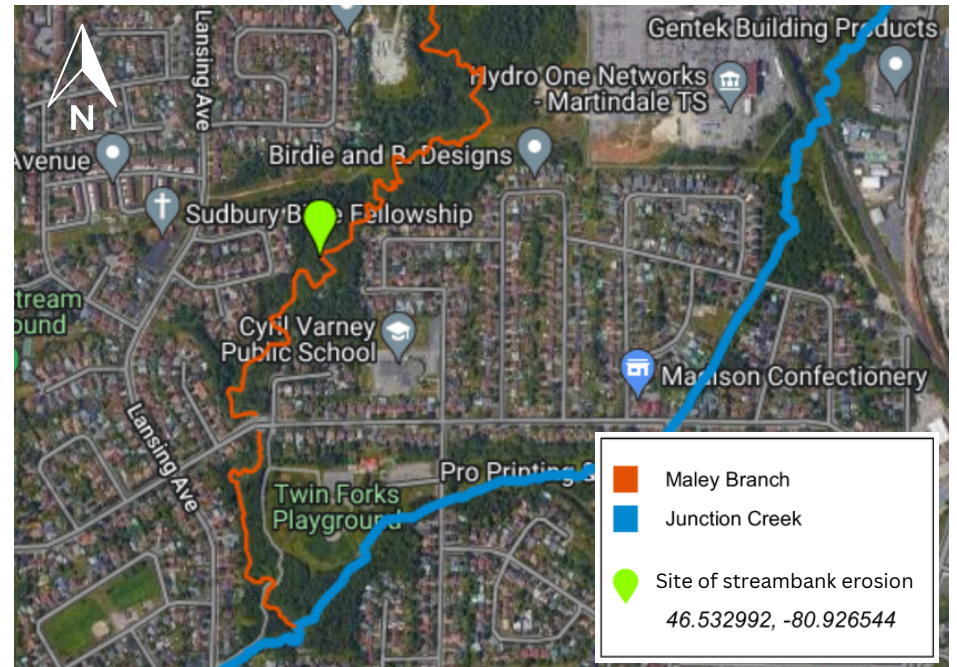


# Maley Tributary Streambank Stabilization 2022-23

Part of the "Urban Stream Restoration for the Long-term Recovery of Junction Creek" project funded in part by the Government of Ontario.

## PURPOSE:

Stabilize a section of streambank along the Maley Tributary to reduce erosion and protect the integrity of the trail system, aquatic habitat, and stream health.



## TECHNIQUES USED: Small-scale Bioengineering

- Terrafix coir coconut fibre mats and logs were installed by hand by Junction Creek Stewardship Committee staff in September 2022. The mats and logs were secured in-place with metal staples, wooden stakes, and native plants. Supplementary planting was completed in the spring 2023.
- The Terrafix coir coconut fibre is a natural product and environmentally safe.
- Vegetation can grow through the coir coconut fibre, allowing additional stabilization that will strengthen over time and require little to no maintenance.



21 Red Osier Dogwood and Speckled Alder planted  
30 live Shining Willow stakes planted  
plus various native wildflower and grass seeds dispersed



## RESULTS: Approximately 10 m of shoreline (50 m<sup>2</sup> area) was successfully stabilized



A special thank you to local experts, volunteers, project supporters, and funders that assisted with this project, including Dr. Peter Beckett, Dr. Gerard Courtin, Conservation Sudbury, City of Greater Sudbury, RBC volunteers, Southview Greenhouse Growers, OCP Constructions Supplies Inc., and the Government of Ontario. Thank you, Miigwetch, Merci!