

Annual Report 2004

Land Reclamation Program



2004 Program Summary

Task	Result 2004	Total Completed
Area Limed	17.4 ha	3,346 ha
Trees Planted	269,096	8,229,109



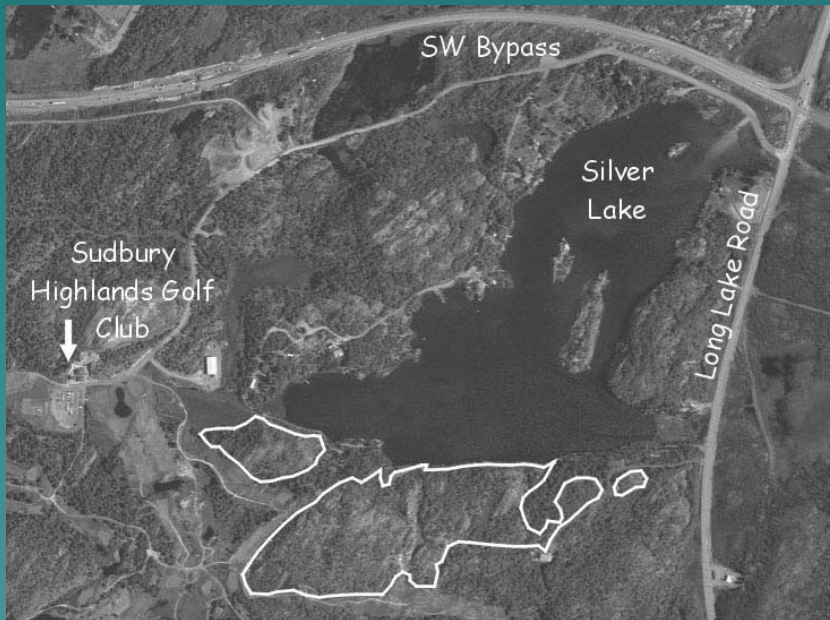
Reclamation Focus

- ◆ Watershed Improvement

- ◆ Increase Biodiversity

Watershed Improvement

Liming



Silver Lake Watershed
Improvement Project



Junction Creek
Watershed

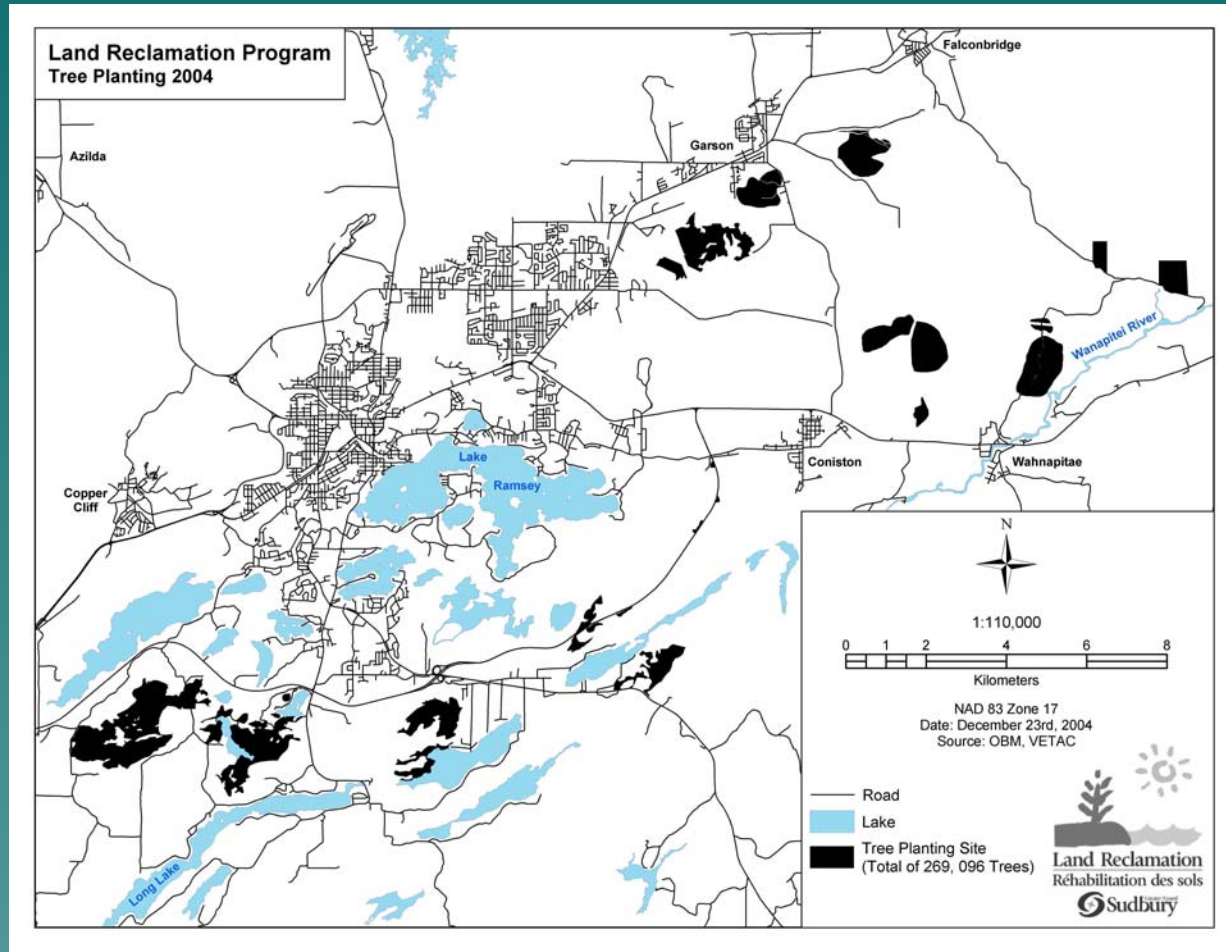
Silver Lake Watershed



Junction Creek Watershed at City snow dump



Tree Planting Areas 2004

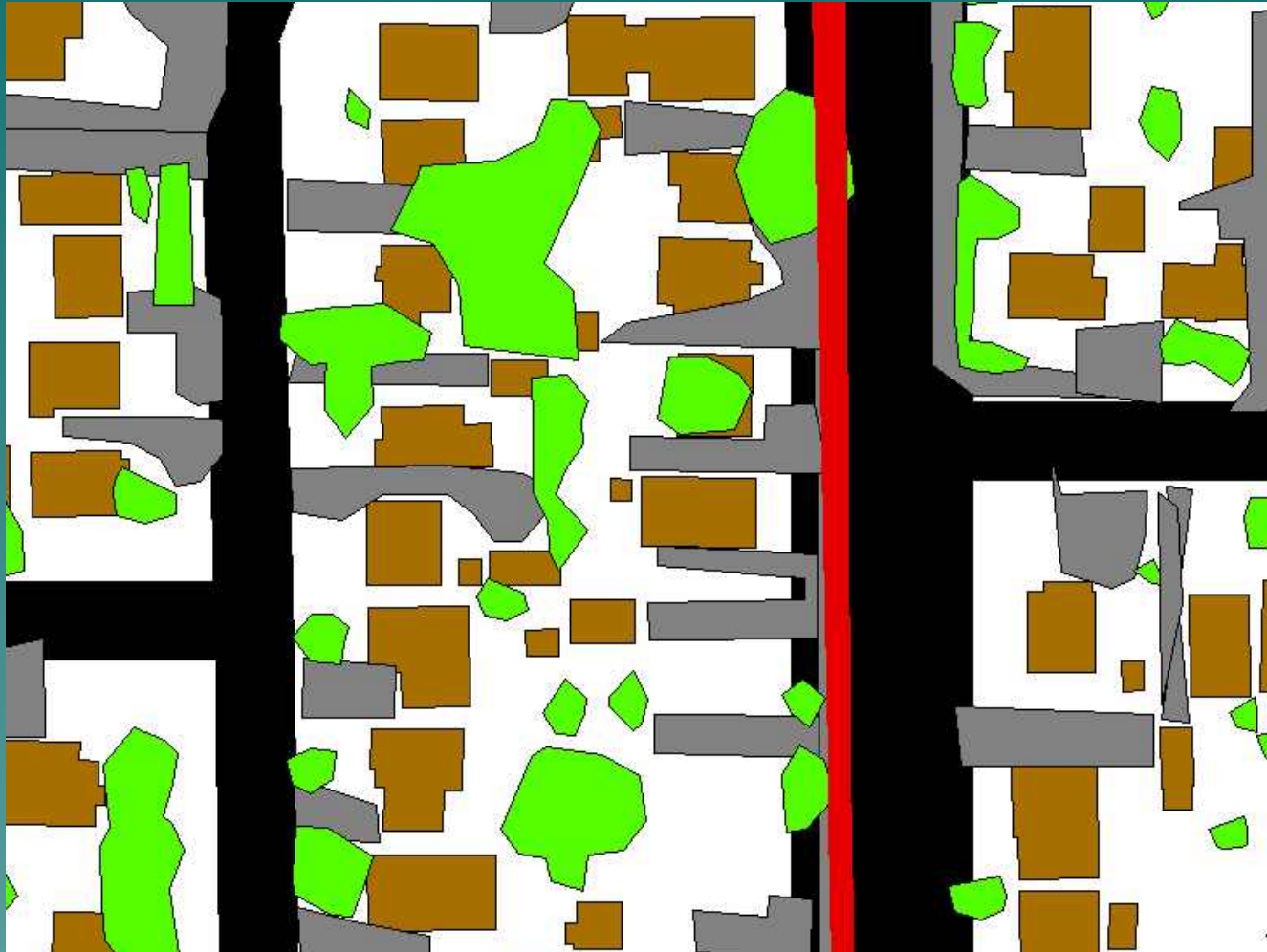


Planting sites selected within
watersheds

Watershed Mapping









Watershed Mapping



Watershed Mapping




-  Lake Ramsey Watershed
-  Subwatershed
-  Surface Water
-  Tree Canopy
-  Wetland
-  Elevation Contour

Man-Made Impervious Surface

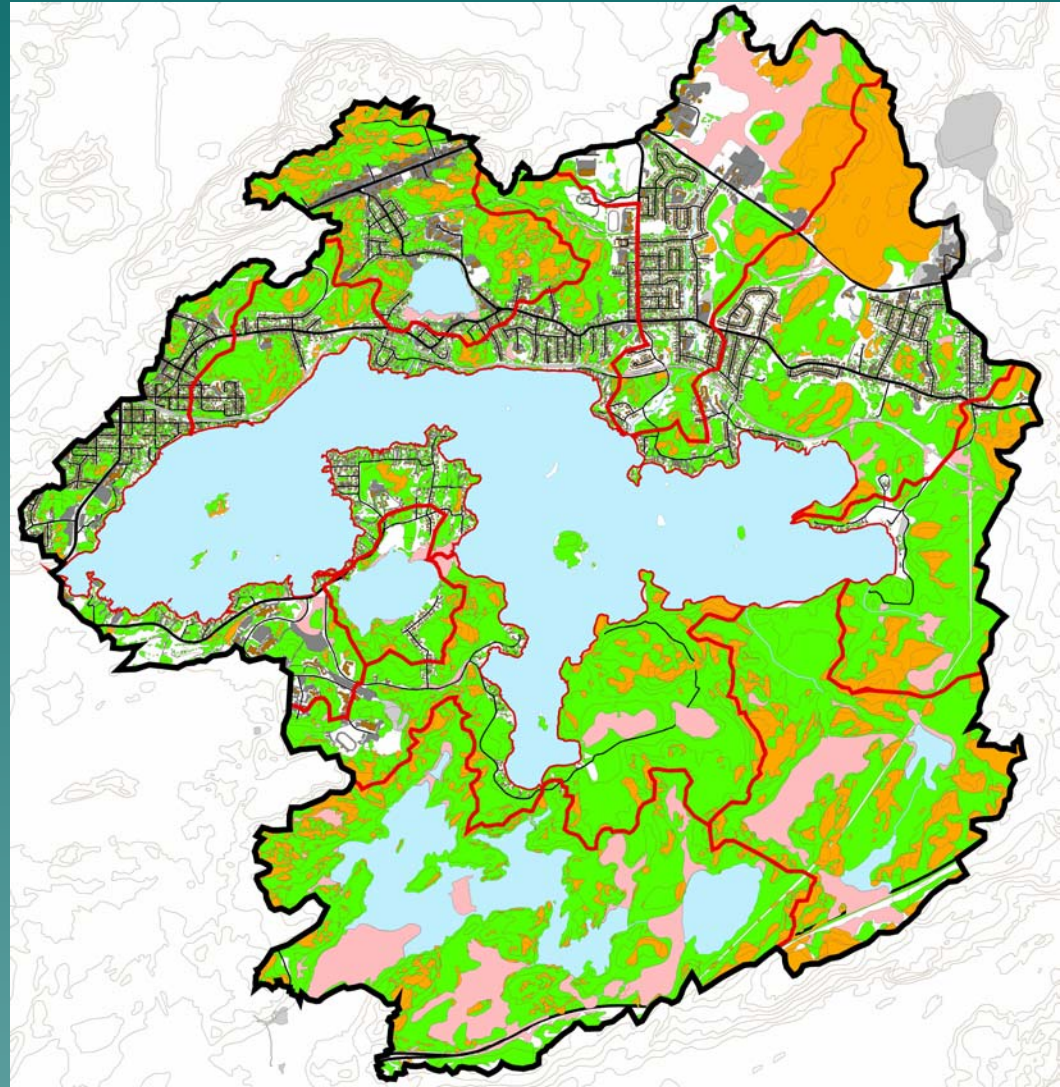
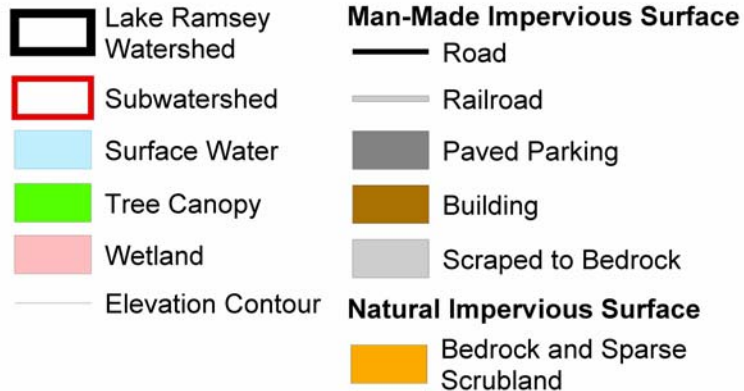
-  Road
-  Railroad
-  Paved Parking
-  Building
-  Scraped to Bedrock

Natural Impervious Surface

-  Bedrock and Sparse Scrubland

Watershed Mapping

Lake Ramsey Watershed and Subwatersheds



Increasing Biodiversity

Increasing Diversity of Planted Trees



Increasing Biodiversity

Forest Floor Transplants



Increasing Biodiversity

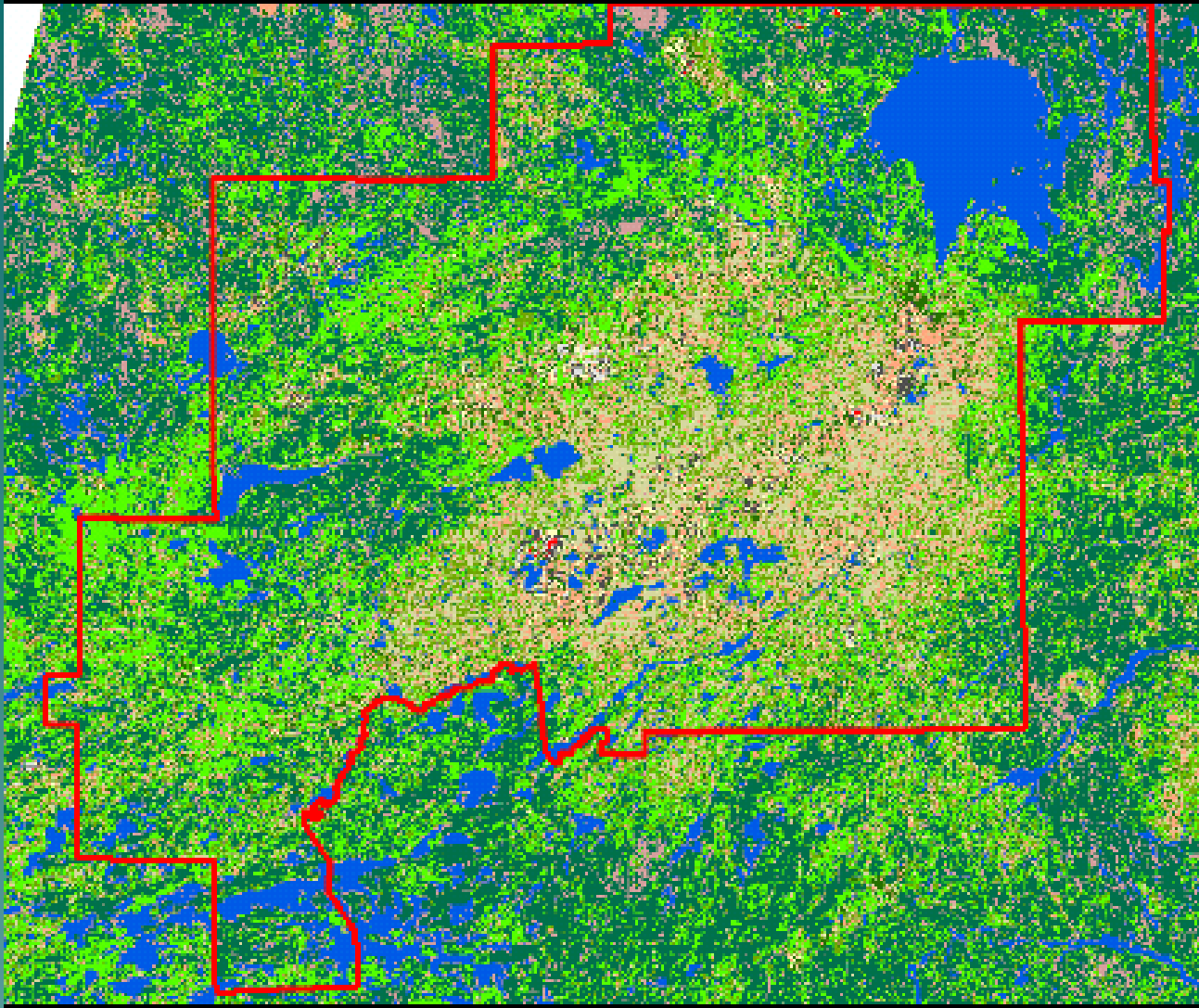
Forest Floor Transplants



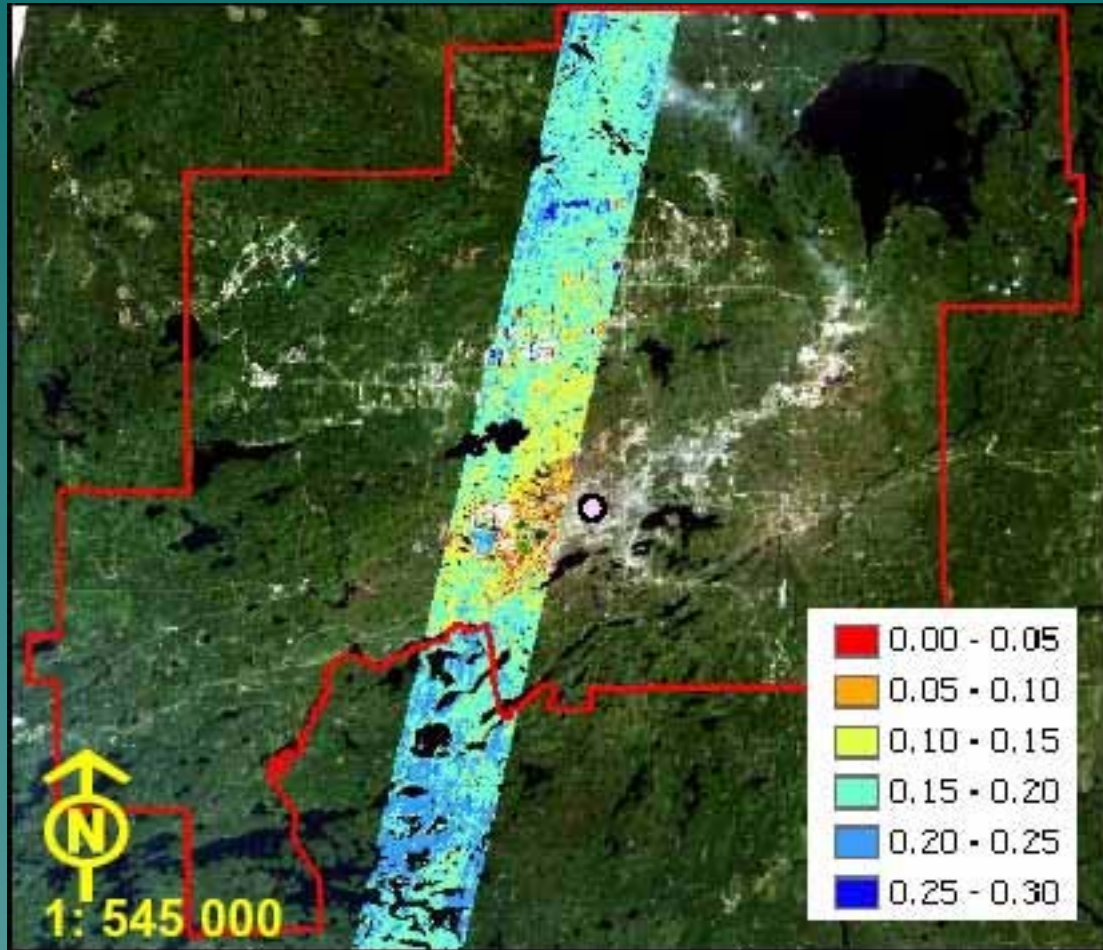
Increasing Biodiversity



Long-term Monitoring



Long-term Monitoring



Funding Partners

◆ Labour

- ◆ Ontario Works
- ◆ HRDC
- ◆ YMCA Summer Job Service

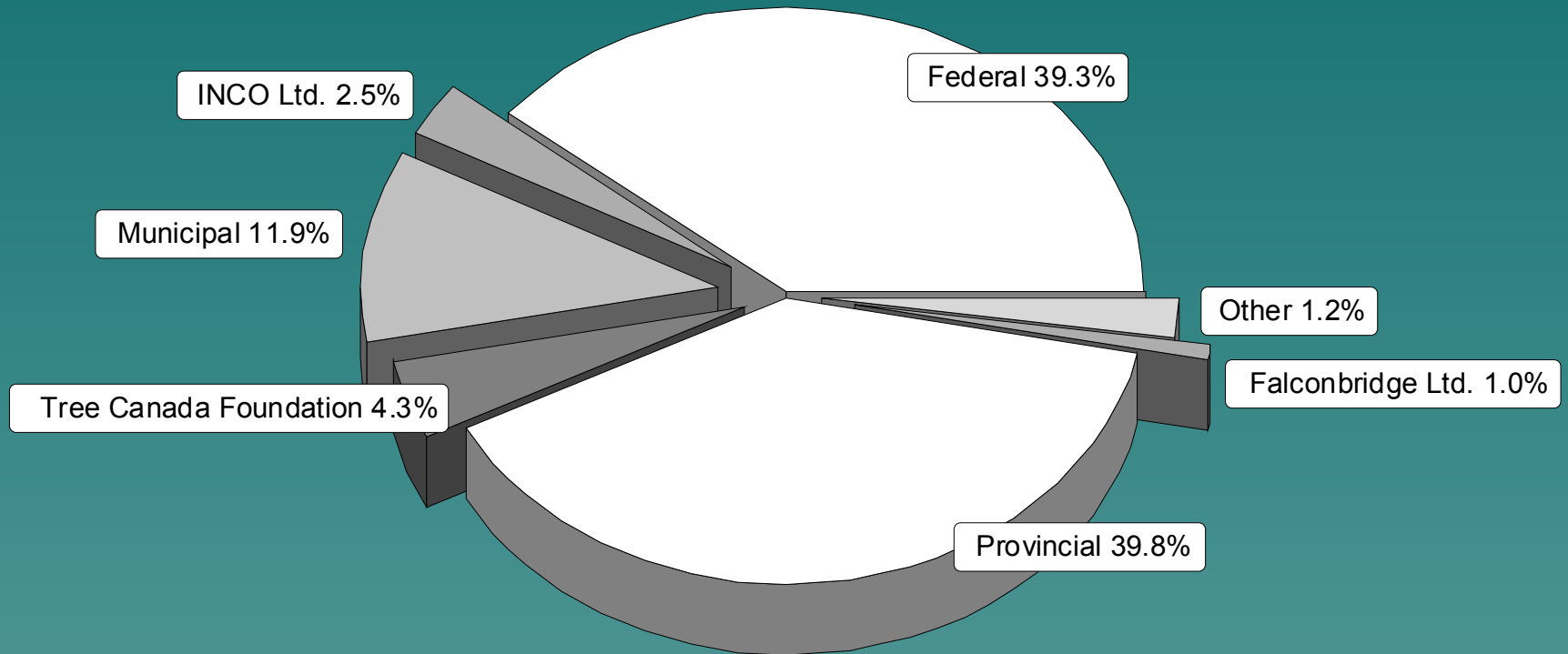
◆ Cash

- ◆ City of Greater Sudbury
- ◆ CGS – Health & Social Services
- ◆ INCO Ltd.
- ◆ Falconbridge Ltd.
- ◆ Sudbury earthdancers

◆ Materials / In-Kind

- ◆ INCO Ltd.
- ◆ Vermilion Forest Management Co.
- ◆ Nickel District Conservation Authority
- ◆ Canadian Centre for Remote Sensing

Funding 1978 to 2004



Events / Communication

RE-GREENING

Sudbury's
Extreme Makeover



Land Reclamation
Réhabilitation des sols

 **Sudbury** Greater | Grand

Effecting lasting change to our image
and our environment since 1978.

Events / Communication

◆ Towards a Greener Sudbury Show



Events / Communication

◆ Regional Historical Heritage Fair



Events / Communication

- ◆ Guided Tour - Ambassador of the US to Canada



Future Challenges

