

# Labour

The Ontario Works program provided a total of 44 individuals for this year's Land Reclamation Program. These individuals participated 2 days a week over a 12 week period offered in two sessions: May 3<sup>rd</sup> to July 22<sup>nd</sup> and July 26<sup>th</sup> to October 14<sup>th</sup>. Since this partnership began in 1997, the Land Reclamation Program has provided 655 positions for participants through Ontario Works.

Funding from the YMCA Summer Job Service was obtained which provided wage subsidies for 4 summer students over a 12 week period.

HRDC funding for a Job Creation Partnership was received for 10 individuals to work on the Silver Lake Watershed Improvement Project over a 15 week period.

## Labour Summary

Program	Number of Positions	Number of Weeks	Cost to City	Activity
City of Greater Sudbury Temporary/Summer Students	4	17	87%	Tree planting, liming
City of Greater Sudbury Temporary Employees	5	26 24 5	100%	Foreperson (2), Crew Foreperson (1), Land Reclamation Worker (2)
HRDC - JCP	10	15	Nil	Tree planting, liming
HRDC Youth Internship	1	33	15%	GIS Mapping
Ontario Works	25	24	Nil	Tree planting, liming

**TOTAL 45**

## Volunteers



Above: Silver Lake Watershed Improvement Crew 2004.



Above: Crew preparing lime bags for spreading on barren land.

Over 8,000 tree seedlings were planted by almost 1,500 volunteers who assisted the Program this year. Volunteer participation in the Land Reclamation Program helps to spread the message of the need for healthy forest ecosystems.

Most of the volunteers this year were students involved in Destination Conservation, an innovative school-based conservation program where students, staff, school district staff and utility companies interact to initiate environmental education and conservation activities aimed at conserving energy and resources in schools. In Sudbury, 50 schools participated in the event and students learned how trees can reduce energy costs by providing shade in the summer and act as wind blocks in the winter months. Each school received 50 trees to plant around their school yards and students' homes.

# Events

## *Towards a Greener Sudbury Show Tree Giveaway*

Land Reclamation's annual 'Towards a Greener Sudbury' show was held at the New Sudbury Shopping Centre on Saturday, May 29<sup>th</sup>. Over 5,000 seedlings were distributed to the public to plant on their property. Tree species included red pine, white pine, white spruce, red oak and white cedar. Financial contributions to the Program by the public at this event were very generous.



Above: Trees were distributed to the community free of charge.

Falconbridge Limited once again generously provided free pH testing for anyone bringing soil samples. Of the 71 garden and yard soil

samples analysed, the lowest pH value was 5.4 and the highest was 8.2 (7 is neutral) with an overall average of 6.8 which is almost neutral.

Right:  
Falconbridge  
Ltd. provided  
free pH  
testing.



Gardening and landscaping advice was offered by Greater Sudbury's Master Gardeners. Representatives of the Sudbury Soils Study were available to answer any questions regarding the Study. The City's Lake Water Quality Program provided information on community monitoring programs and healthy lakefront living.

# Communications

## *Regional Heritage Historica Fair*

Over 100 local students gathered at the Jane Goodall Reclamation Trail to experience some of Sudbury's reclamation history as a part of this year's Regional Heritage Historica Fair held on Friday, May 7<sup>th</sup>. First, the students were given a presentation on the Land Reclamation Program and the vegetative history of the Sudbury area. Later, along the trail, students were able to see how the devastation had come through century old logging and mining operations, but more importantly, how this community came together to remedy the situation. Students were offered a variety of learning opportunities: 1) identification of native tree species planted by

the Program, 2) important tree facts, and 3) understanding about the various stages of land reclamation. Tour guides included Program staff, VETAC members, and Laurentian University staff and graduate students.

Right: Guided tour  
of the Jane Goodall  
Reclamation Trail.



### Visit of the Ambassador of the United States

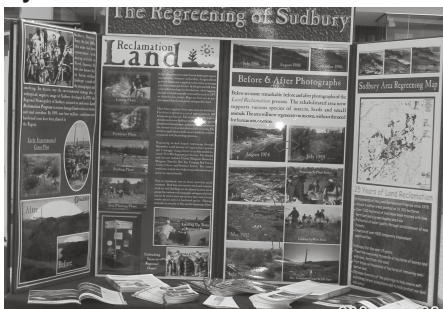
On Friday, November 5<sup>th</sup>, His Excellency Paul Cellucci, Ambassador of the United States to Canada, and Ms. Jessica LeCroy, Consul General of the United States of America, were given an informative tour on the decades of land reclamation accomplishments in the City of Greater Sudbury. The tour was led by Bill Lautenbach, Director of Planning Services, with the assistance of Stephen Monet, Coordinator of Environmental Initiatives. In a follow-up letter to Bill Lautenbach, Ambassador Cellucci stated that "It was a true eye opener to get a glimpse first-hand all that you and your team have accomplished in the way of land reclamation over the past decades - you have, in the best sense of the word, transformed the city and helped make it what it is today."



Above: Tour provided for the Ambassador of the United States. From left to right; Bill Lautenbach, Director of Planning Services, Ms. Jessica LeCroy, Consul General of the United States of America, His Excellency Paul Cellucci, Ambassador of the United States to Canada, Doug Nadorozny, General Manager of Economic Development and Planning Services and Stephen Monet, Coordinator of Environmental Initiatives.

### "Sudbury In Bloom"

On Sunday, August 22<sup>nd</sup> at the Carmichael Arena, the Sudbury Horticultural Society hosted its "Sudbury In Bloom" show. The Land Reclamation display board was available for viewing by interested visitors to the show.



Above: Land Reclamation Display.

### Media

Stephen Monet, Coordinator of Environmental Initiatives, was interviewed and provided a brief tour of the Land Reclamation accomplishments for the French-language television documentary show 'Panorama', which aired on September 27, 2004 on TFO (TVOntario).

Stephen was also interviewed by the *Sudbury Star* for an article that appeared in that newspaper on March 25, 2004 entitled "7,960,000 trees and counting..."

He was also a coauthor of a scientific paper presented at the 16th International Conference of the Society for Ecological Restoration by Catherine Champagne of Natural Resources Canada. The paper's citation is as follows:

*Champagne, C.M., A. Abuelgasim, K. Staentz, S. Monet, and H. P. White. 2004. Ecological restoration from space: the use of remote sensing for monitoring land reclamation in Sudbury. Presented at the 16th International Conference of the Society for Ecological Restoration, August 24-26, 2004, Victoria, British Columbia.*

Finally, an article was prepared for the EARTHCARE feature in the November 19 issue of *Northern Life*.



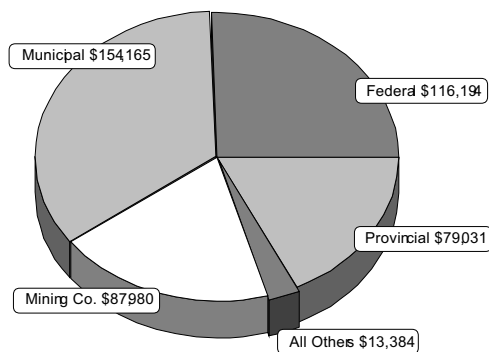
# Financial Summary

The Land Reclamation Program owes much of its success to the many partnerships developed, which has resulted in the contributions of funds, materials and labour for the operation of the Program. The Program cost over \$450,000 this year, with the City contributing 34% of the total cost. The remaining 66% of the funding was provided by other contributors.

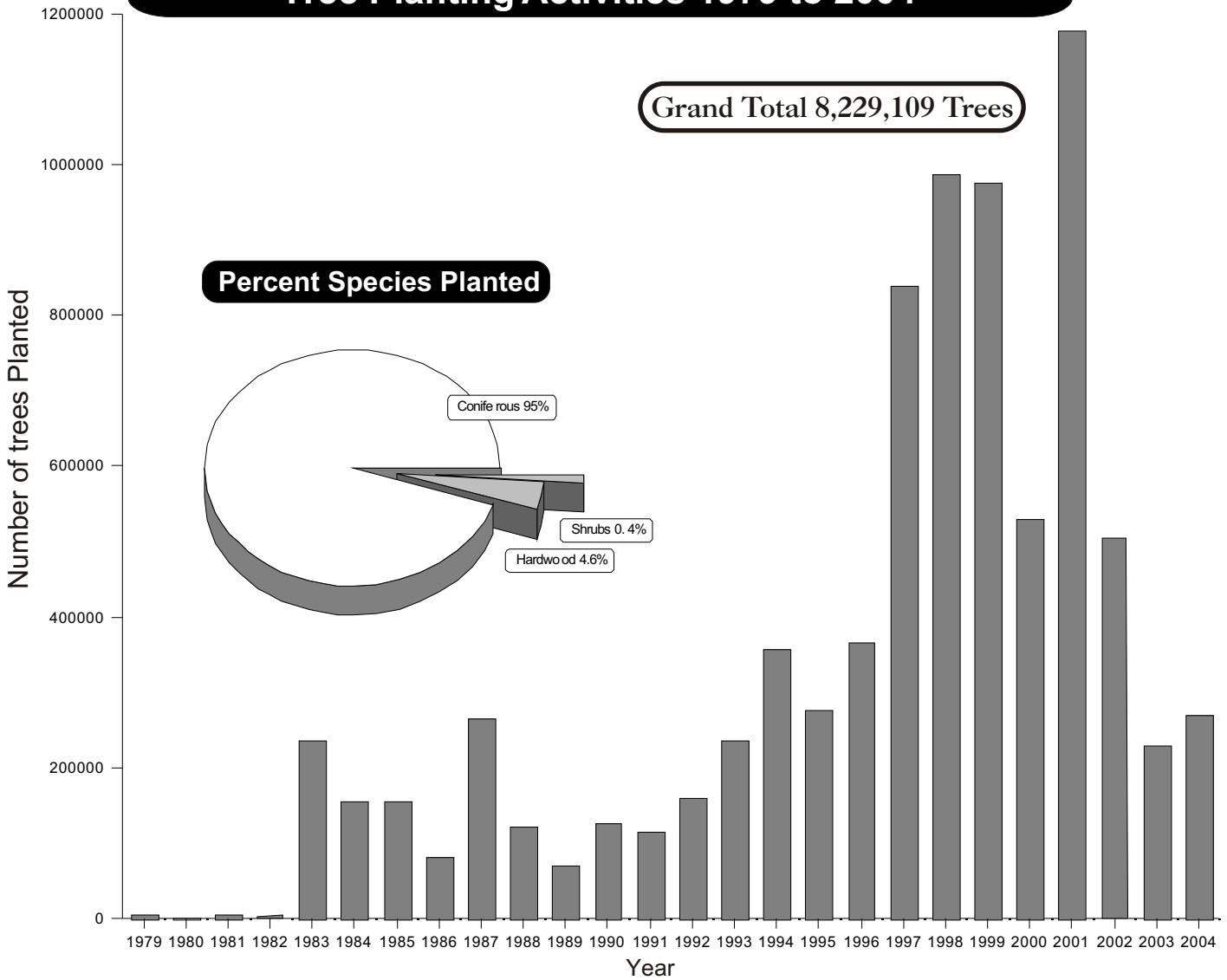
## Funding Contributions 2004

Program Contributors	Number	Source	Amount
<b>LABOUR</b>			
Ontario Works	44	Provincial	\$50,671.48
Summer Job Service YMCA	4	Provincial	\$3,360.00
HRDC - JCP	10	Federal	\$52,464.00
HRDC Youth Internship	1	Federal	\$13,730.00
<b>CASH</b>			
Ontario Works		Provincial	\$25,000.00
INCO Ltd.		Mining Co	\$25,000.00
Falconbridge Ltd.		Mining Co	\$40,000.00
Sudbury earthdancers		Private	\$1,600.00
<b>MATERIALS (trees)</b>			
INCO Ltd.	76,600	Mining Co	\$22,980.00
Vermillion Forest Management Co.	29,280	NGO	\$8,784.00
NDCA	10,000	Private	\$3,000.00
<b>IN-KIND</b>			
Canadian Centre for Remote Sensing		Federal	\$50,000.00
Sub-Total			\$269,589.48
City of Greater Sudbury Contribution			\$154,165.00
<b>GRAND TOTAL</b>			<b>\$450,754.48</b>

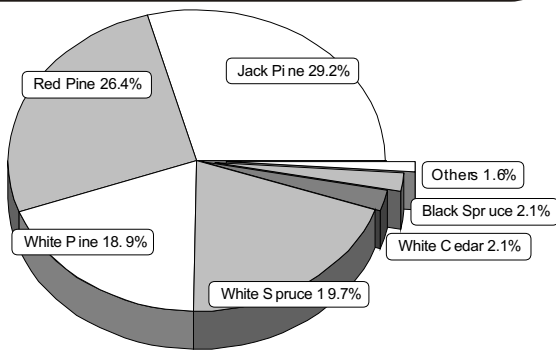
## Funding Contributions 2004:



# Tree Planting Activities 1979 to 2004

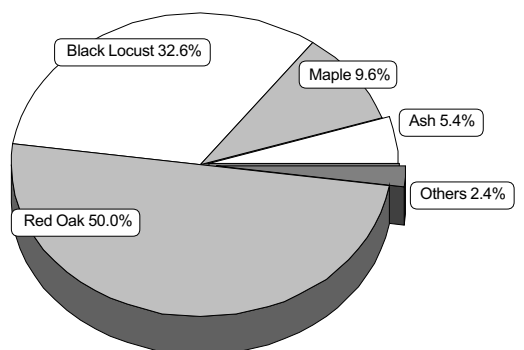


## Percent Coniferous Species Planted 1979 to 2004



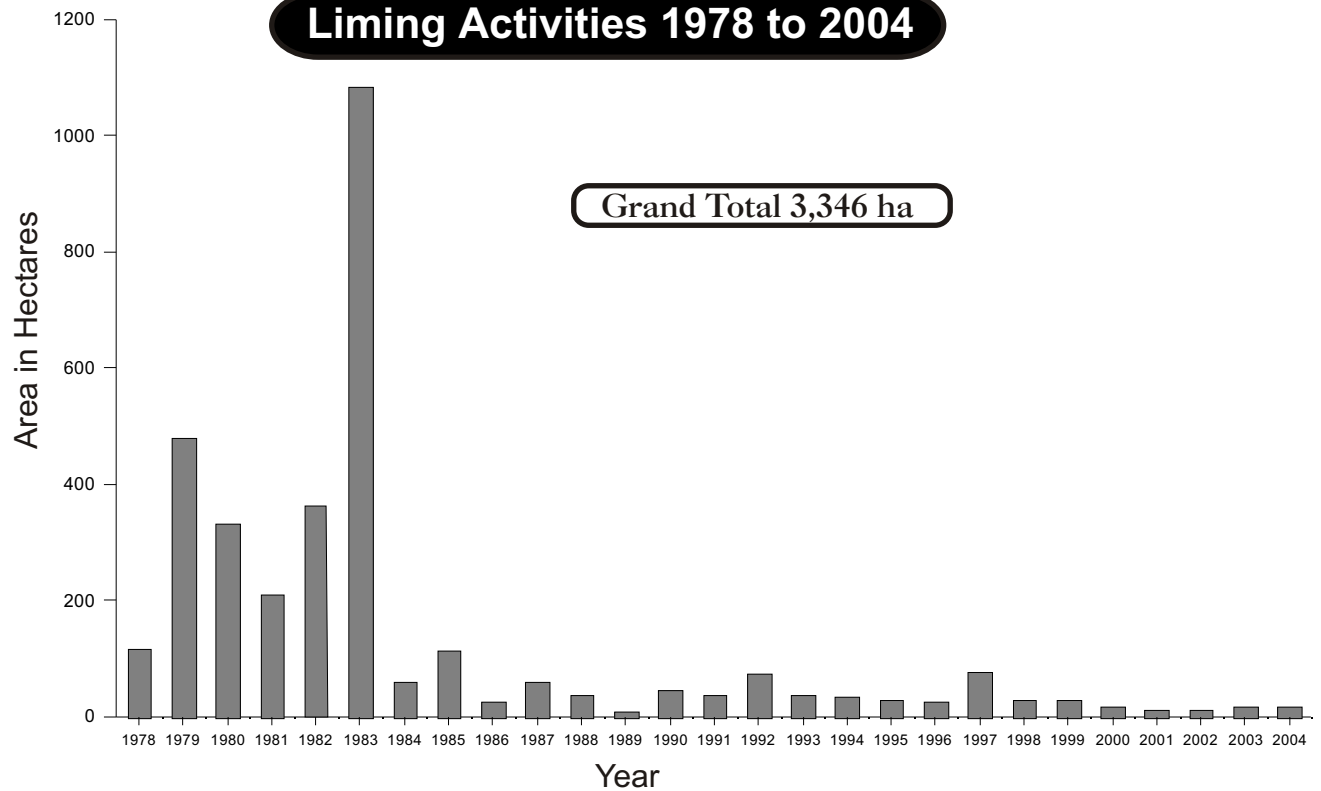
**Others include:** Tamarack 1.0%, Norway Spruce 0.3%, Larch 0.2% and Hemlock <0.1%

## Percent Hardwood Species Planted 1979 to 2004



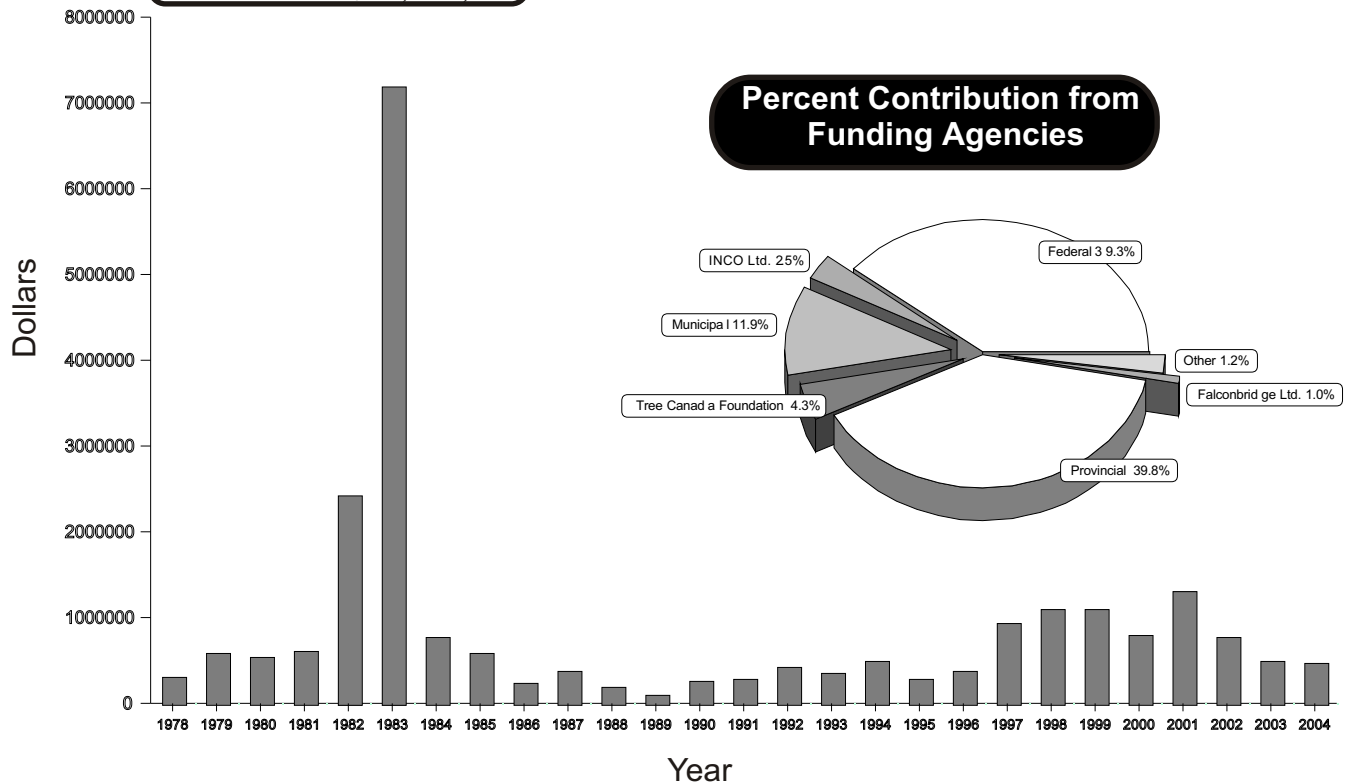
**Others include:** Russian Olive 1.4%, Yellow Birch 0.9%, Bur Oak 0.1% and American Beech <0.1%

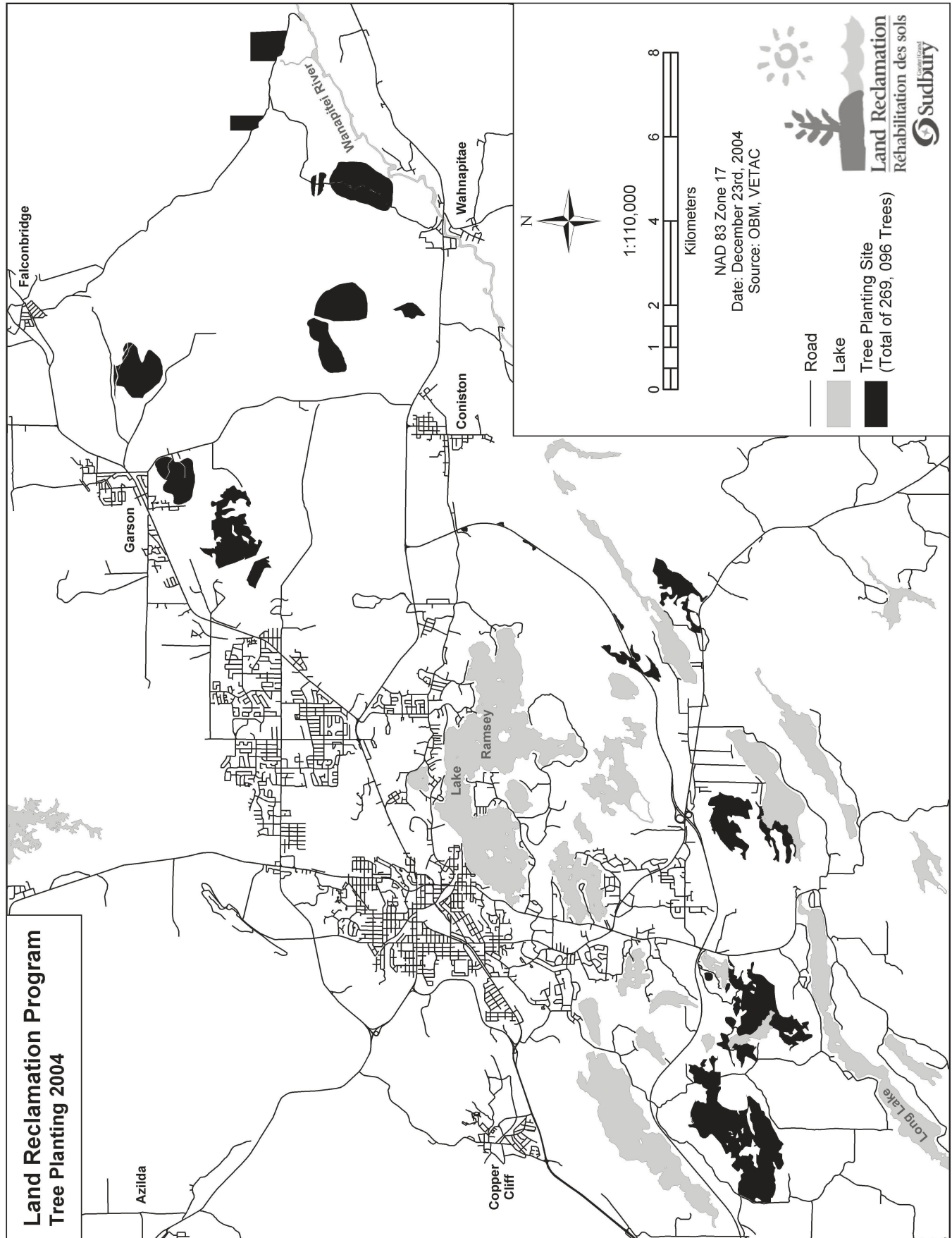
**Liming Activities 1978 to 2004**



**Financial Contributions to Date: 1978 to 2004**

Grand Total \$23,016,193





For further Information Please Contact:

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