

Typical or stereotypical?



The Northlands



Baffin Island



Baffin Island



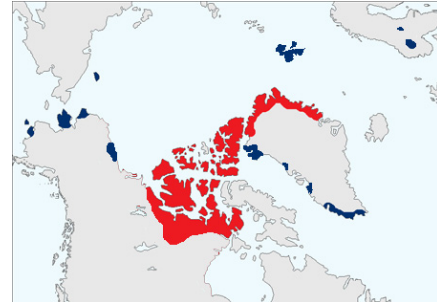
Ellesmere Island



Ellesmere Island (Edge of the ice cap)



Geographic range of the Muskox
(natural = red; introduced = blue)



Muskox



Muskox family



Concerning “The Northlands” . . .

- A very large area with cold climates, long winters, low precipitation and poor soils.
- LOTS of taiga and, secondarily, tundra.
- Very lightly populated except for the extreme southern margins
- Important for its mining – especially as regards the Canadian Shield and Alberta tar sands.
- Limited economic development due to low population densities and distances between towns.
- Important foci of exports.
- Important center of Inuit culture.



Climates of the U.S. and Canada

Precipitation



Natural vegetation



Taiga in Yukon Territory



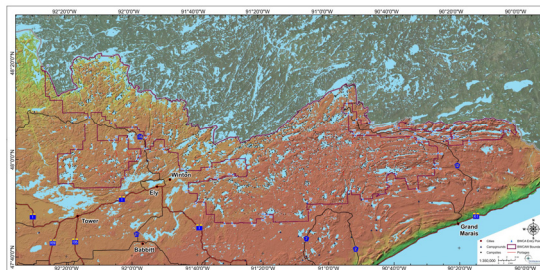
Taiga/Tundra Interface



The Alaskan tundra (pipeline is faintly visible)



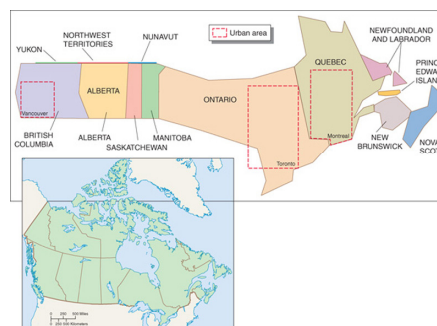
The Boundary Waters Canoe Area



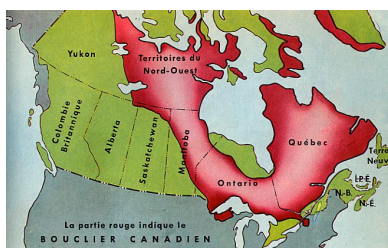
Settlement Zones in Northern Canada



Canadian Population Cartogram



The Canadian Shield is a vast area of hard igneous rock, parts of which are important centers of mining

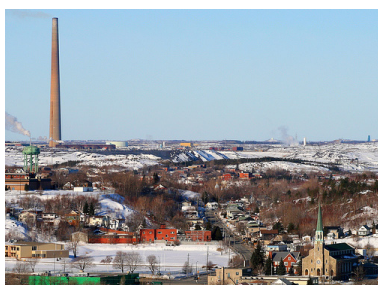


In the Canadian Shield



Sudbury, Ontario

A center of copper mining and smelting, hence the ultra-tall smokestack in the background



Timmins, Ontario

Open-pit copper mine



The Mesabi Range, MN

Major center of iron-ore mining in the U.S.



Iron ore mine in the Mesabi Range



Iron ore ship loading up in Duluth, MN



Canadian oil/tar sands



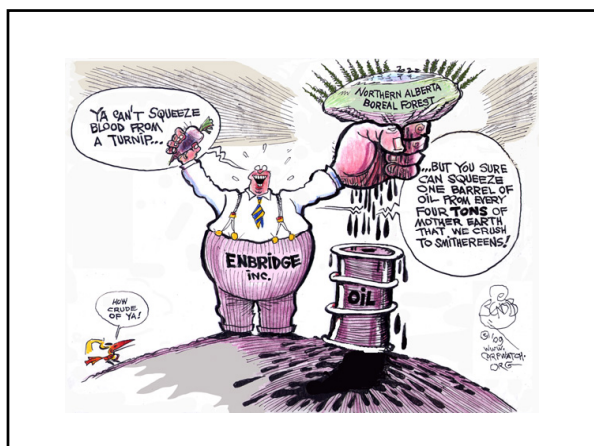
- The world's largest known near-surface repository of bitumen (heavy crude oil) mixed in with sandy soils of Northern Alberta.
- Accessible by strip mining
- Oil produced from steam injection and refining.
- A 2006 study estimated the economically recoverable oil to be about 170 billion barrels.

Raw tar sand

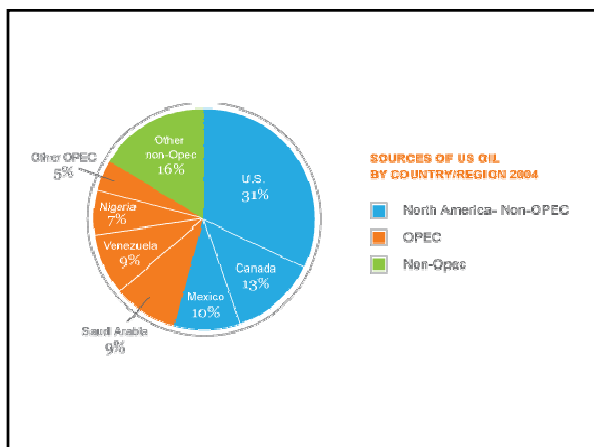


Alberta Tar Sands Strip Mining





Tar Sands oil refining facility



**Pulp and Paper Mill
Espanola, Ontario**



**Ship with cargo of grain
Thunder Bay, Ontario**



Thunder Bay grain elevators



**World's Largest Grain Elevator
Thunder Bay, Ontario**



Churchill, Manitoba



**Grain Elevators
Churchill, Manitoba**



**Annual Polar Bear Migration
Churchill, Manitoba**



Tundra Buggy and Polar Bears

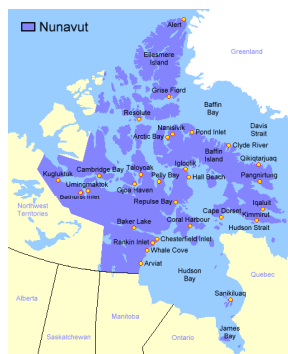


Nunavut



Nunavut

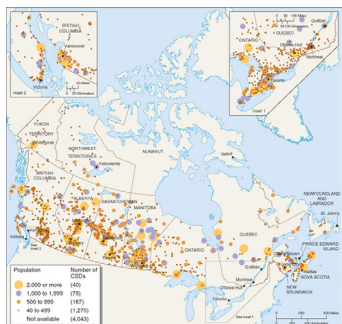
- The largest civil division in North America.
- Created in 1999 from land formerly in Northwest Territories.
- The result of “territorial claims” by native peoples. A homeland for the Inuits (formerly “eskimoes”).
- Population as of October 1, 2010 – 33,268 (StatCan)
- 18% of territory owned outright by Inuits.
- The remainder is Crown land over which Inuit have considerable say as concerns planning and development.



Canada's Inuit Population



Canada's Indian Population



Iqaluit (formerly Frobisher Bay)



Legislative Assembly, Iqaluit



Pond Inlet Inuit village on Baffin Island



Typical or stereotypical?



