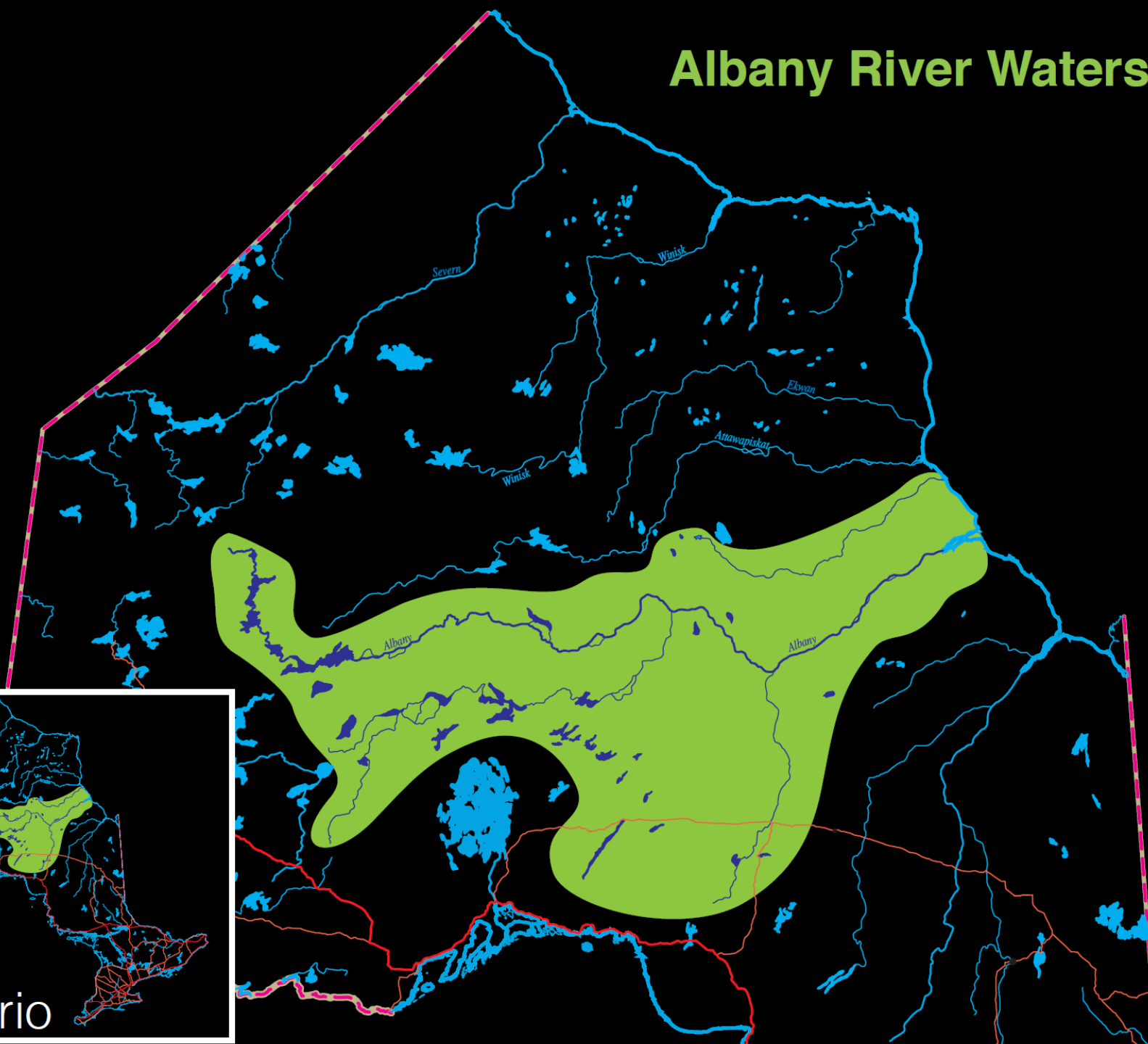
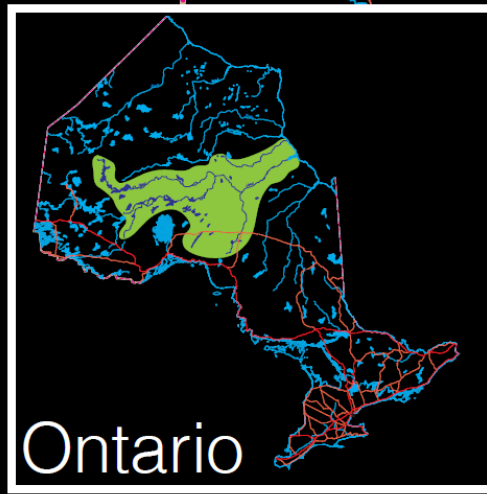


Ring of Fire

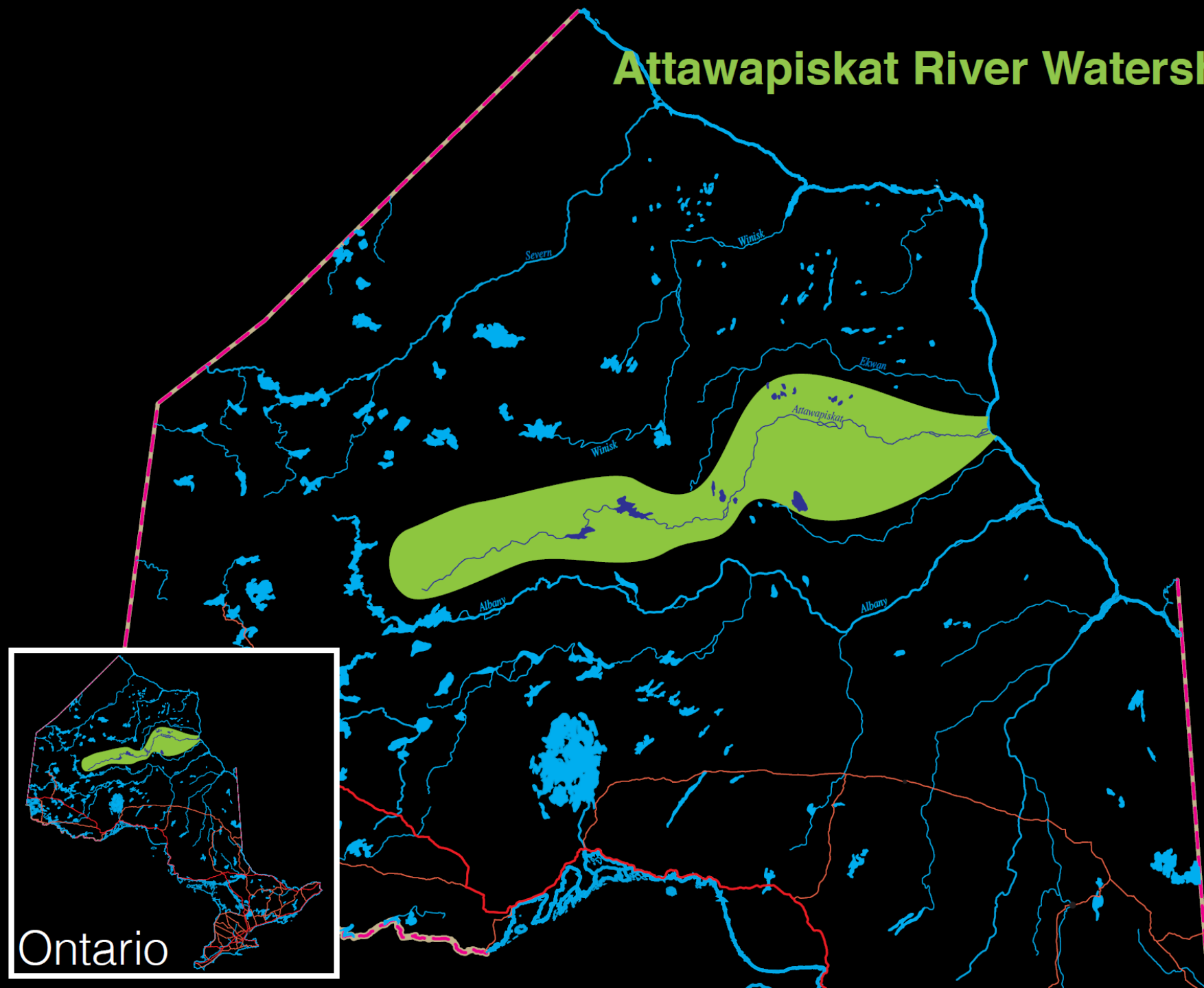
Janet Sumner

Five of the Last Great Rivers in North America

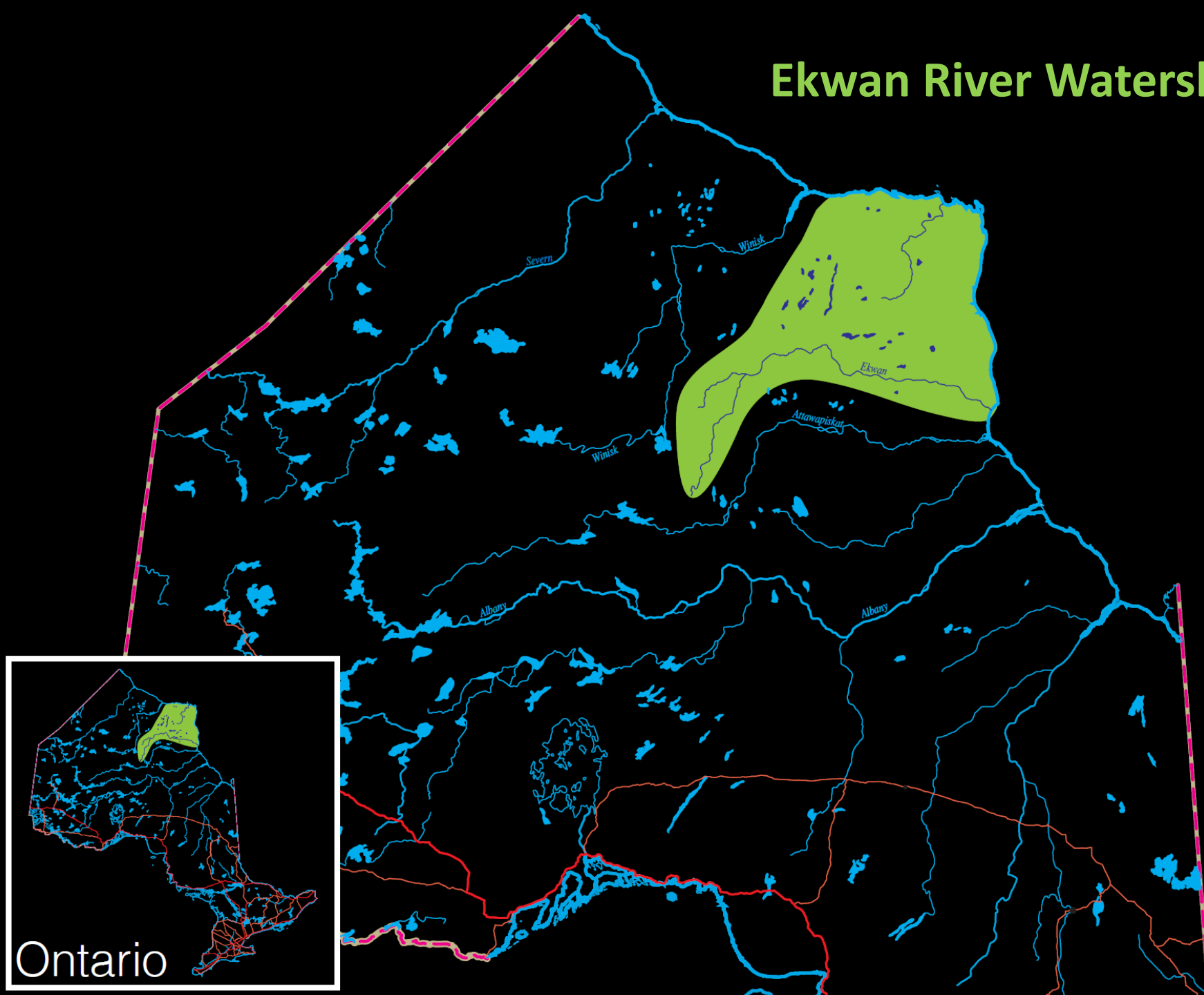
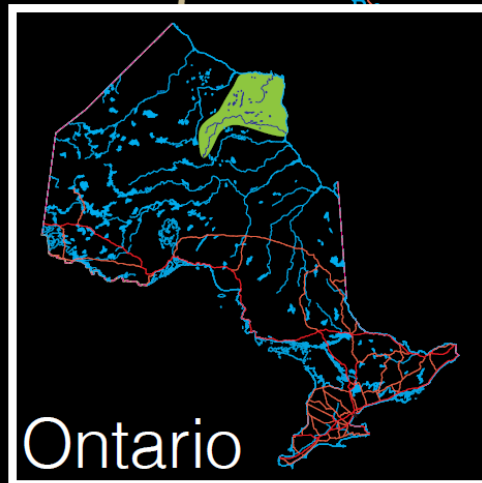
Albany River Watershed



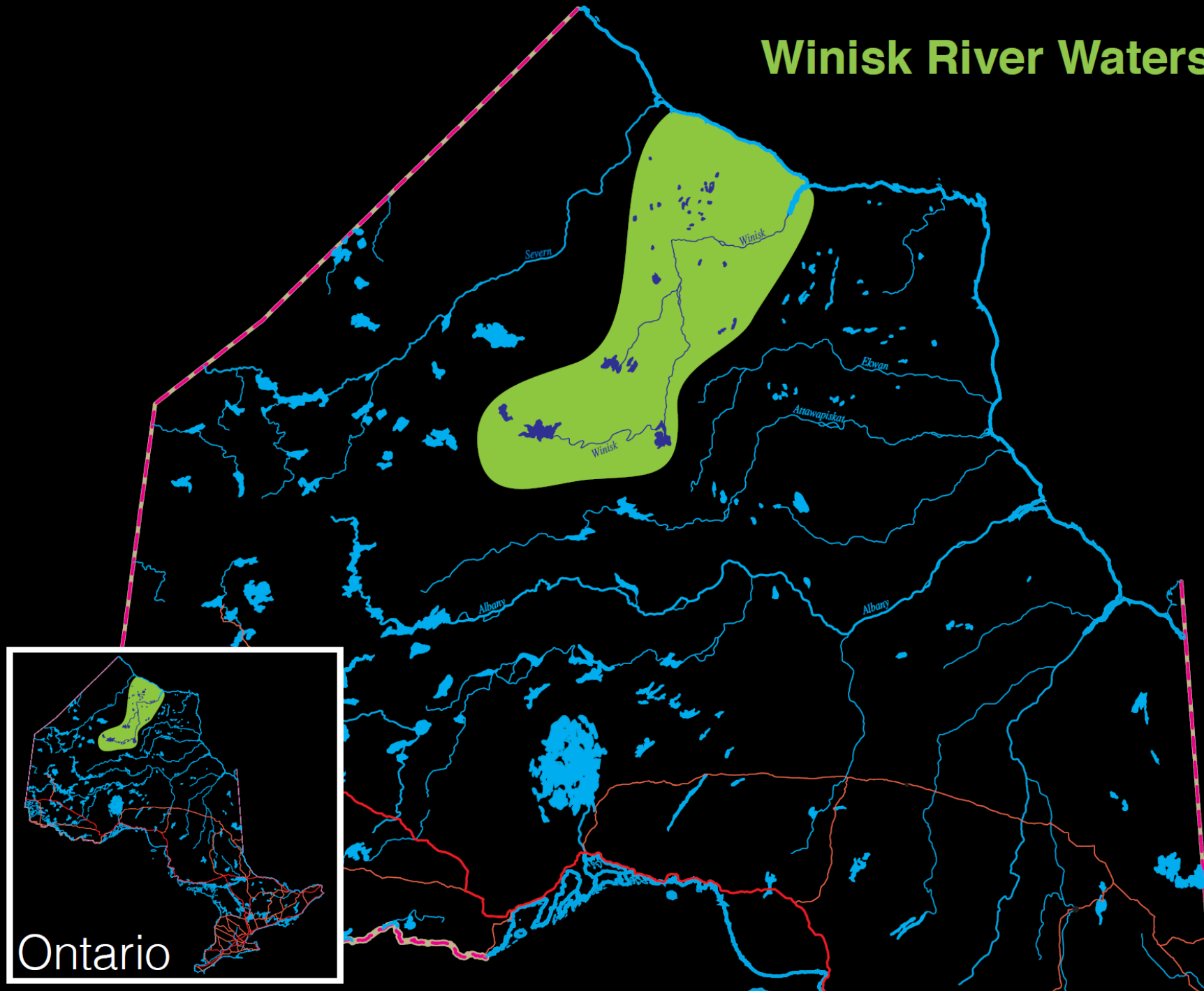
Attawapiskat River Watershed



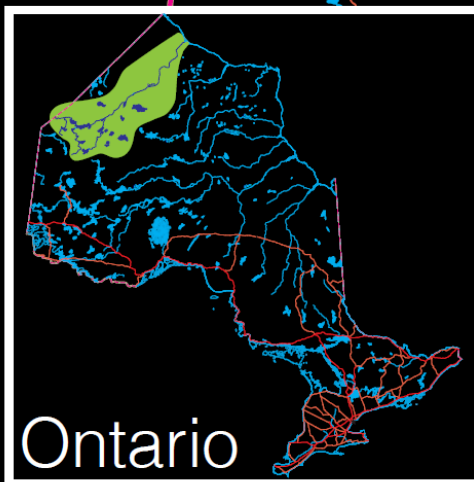
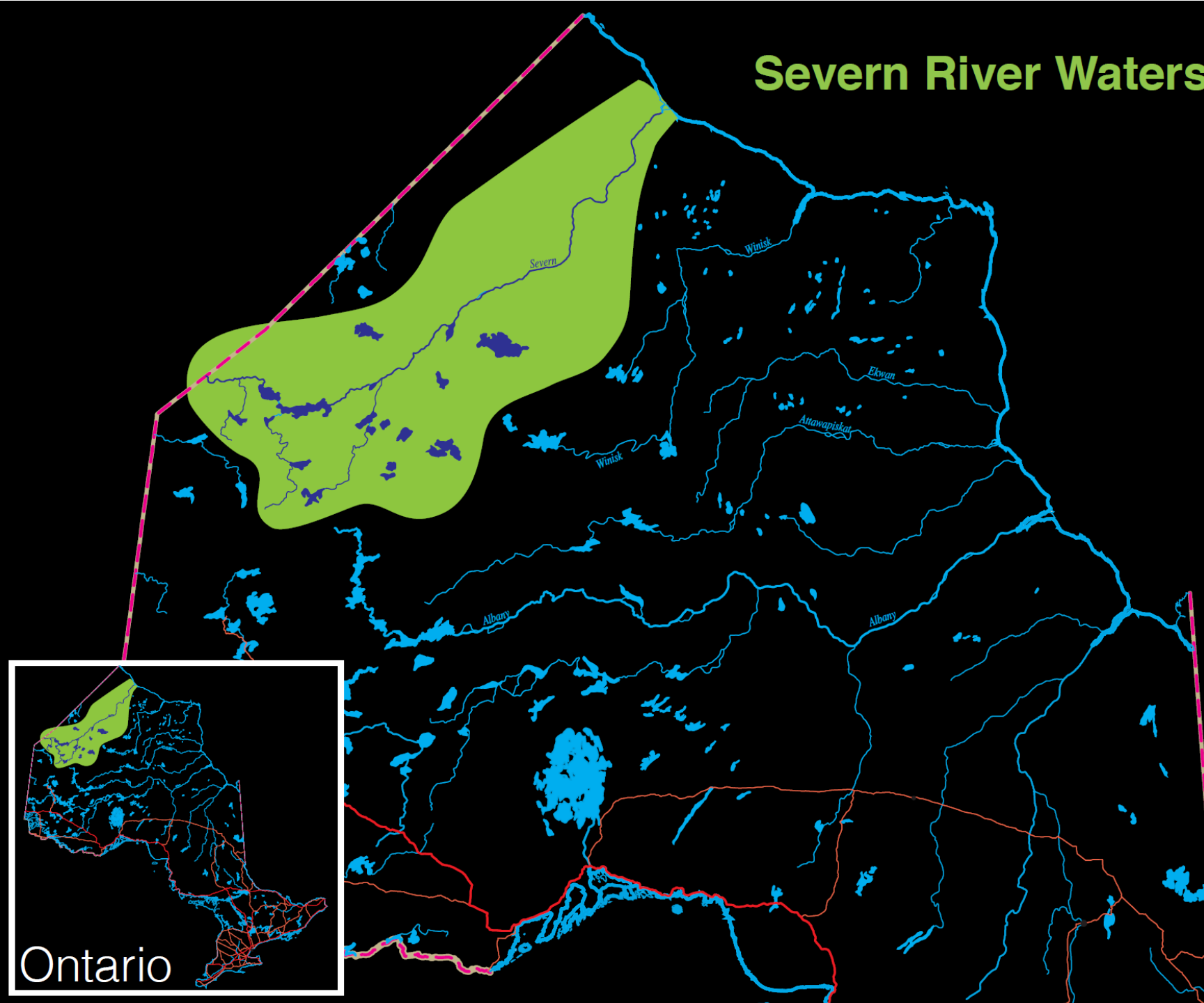
Ekwan River Watershed



Winisk River Watershed



Severn River Watershed



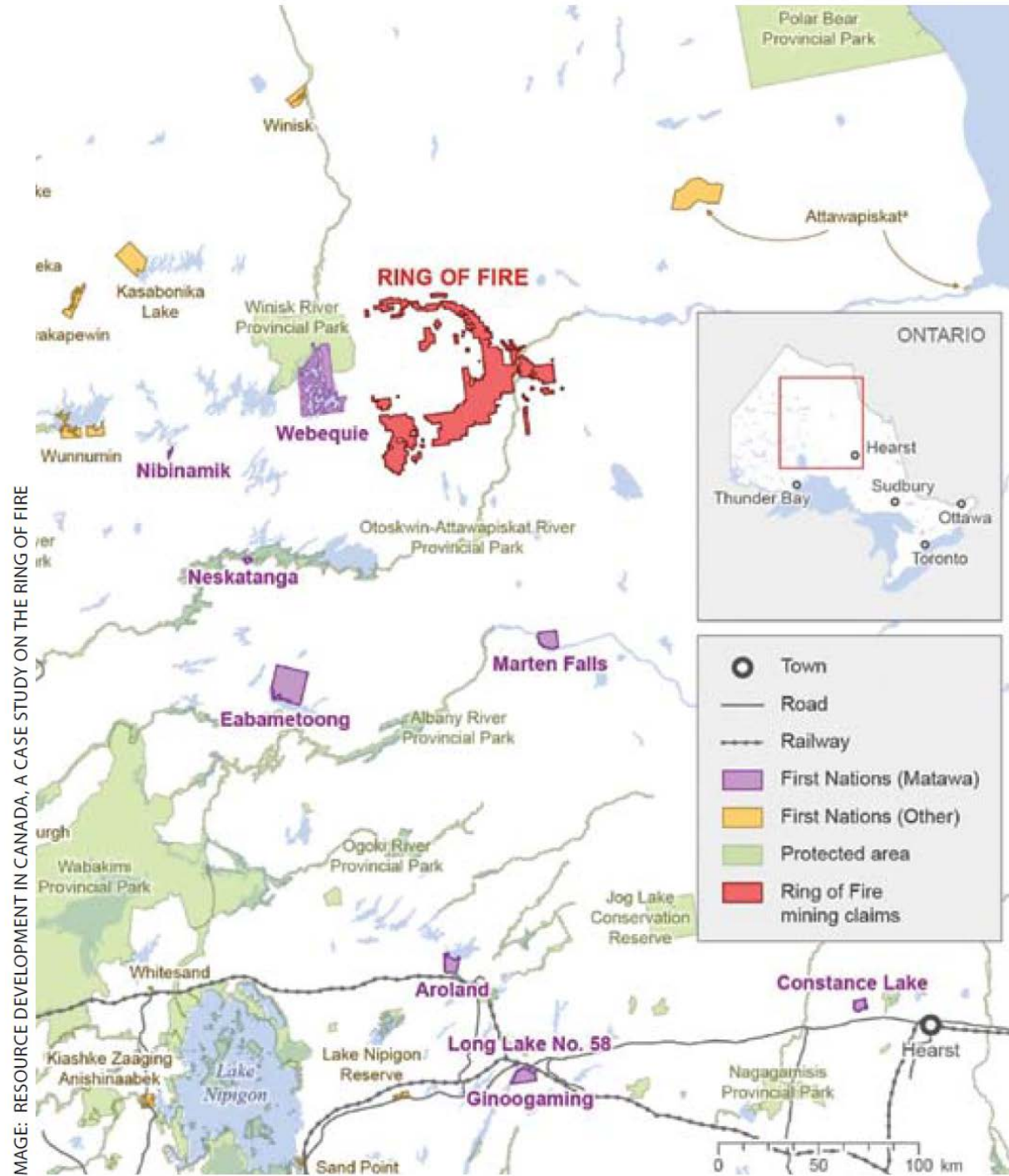


IMAGE: RESOURCE DEVELOPMENT IN CANADA, A CASE STUDY ON THE RING OF FIRE

Location of the Ring of Fire and nearby First Nation communities



Missisa Caribou Range

(Ring of Fire)

During Exploration

- 1100 drill holes
- > 600,000 ha of disturbance
- Historical disturbance > 5%
- Present 14.7%











An aerial photograph of a forested landscape, likely a wetland or riparian area, showing a grid-like pattern of land parcels. The word "Exempt" is overlaid in large, bold, white letters.

Exempt

Monitoring

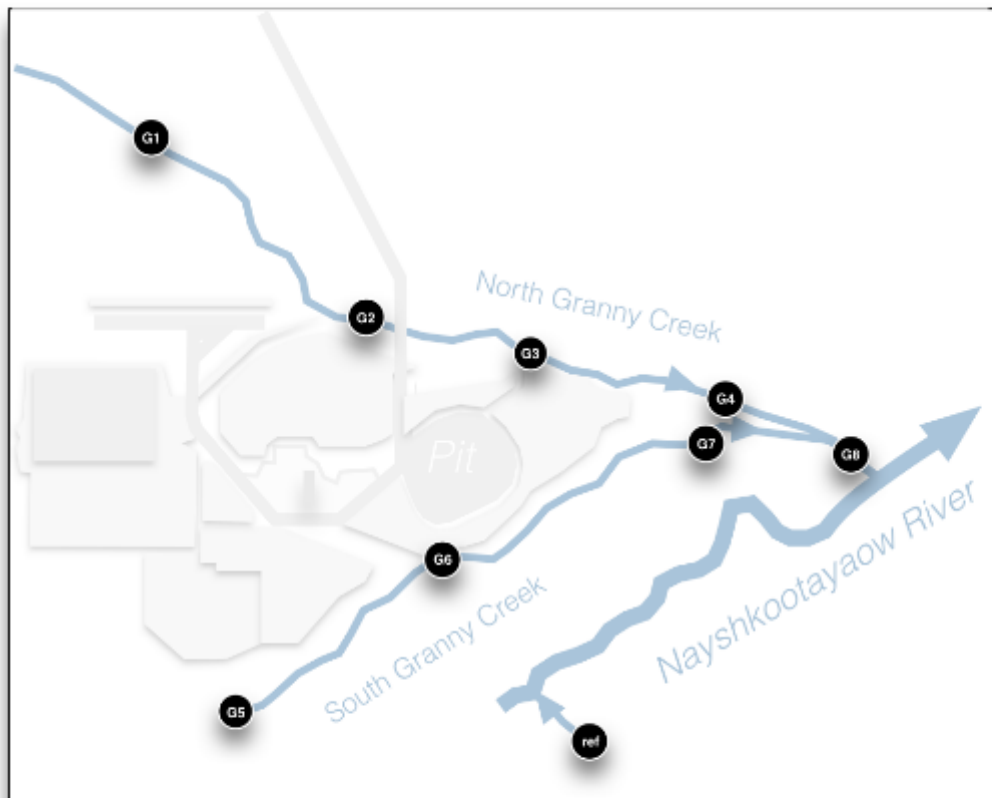
Case Study: De Beers Victor Diamond Mine

Eg #2: mercury reporting gaps for creeks

the Province required:



for 9 creek water monitoring stations

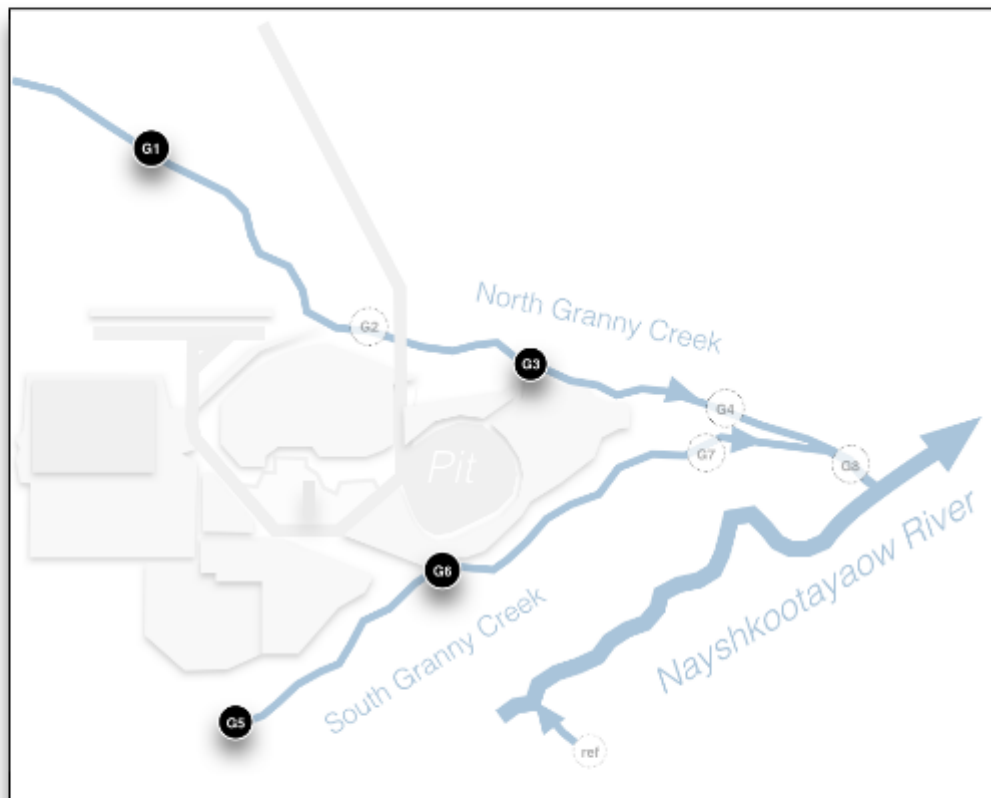


a full array of creek reporting, plus reference

DeBeers reported:



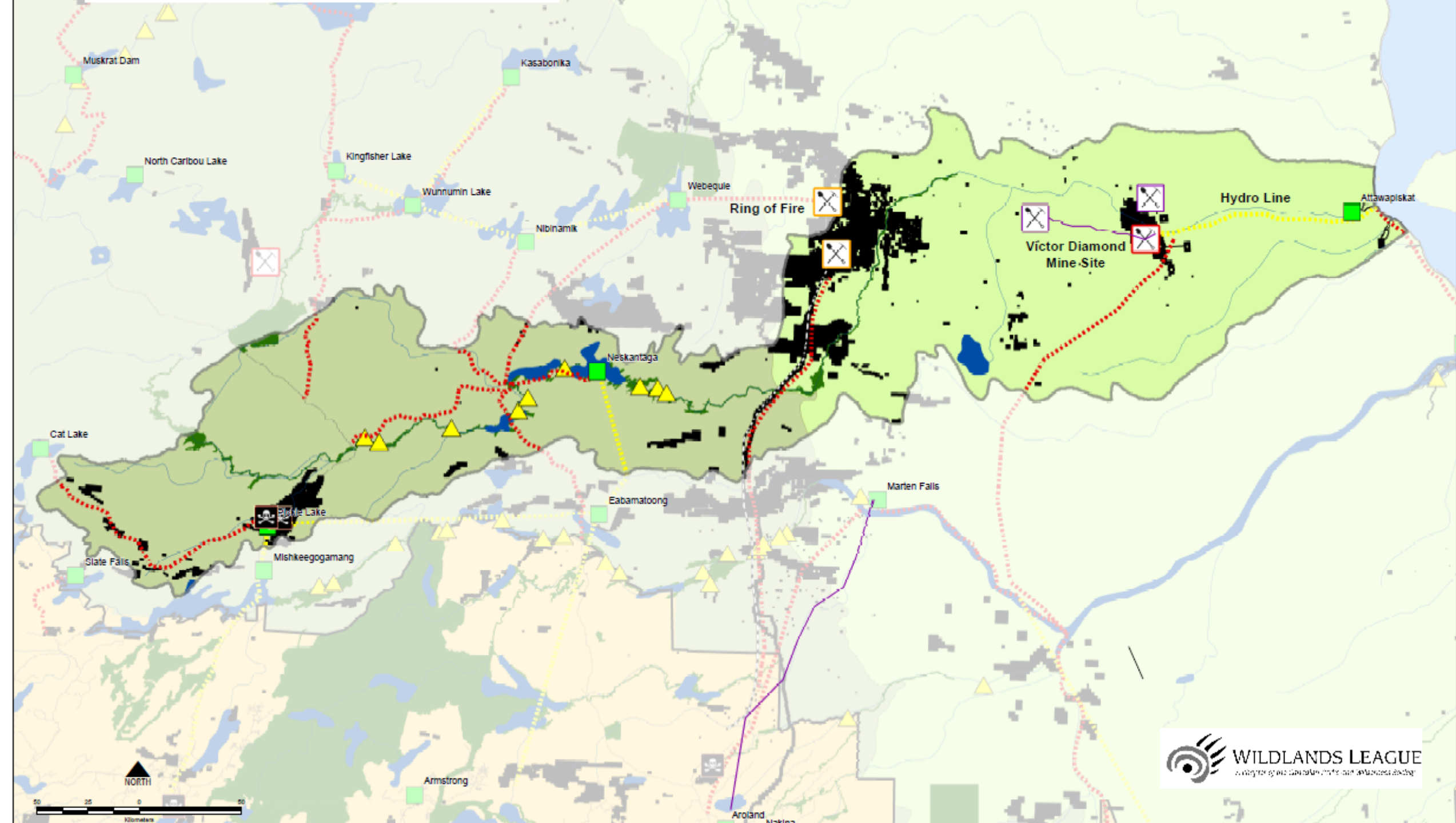
only 4 of 9 creek water monitoring stations



inadequate downstream and reference results

Cumulative Impacts

- ▶ Watershed Scale
- ▶ Caribou Range
- ▶ Larger than any single community



How Many Mines in a Watershed?

- ▶ Monitoring after projects are built won't tell you that
- ▶ Looking at various options or what is called Alternative Scenarios on a watershed scale could
- ▶ It is too precious to not get it right
- ▶ And it will be too late if we plan project by project monitoring what we've done after the fact

Thank you



WILDLANDS LEAGUE

A chapter of the Canadian Parks and Wilderness Society