Glacial dispersal trains in North America

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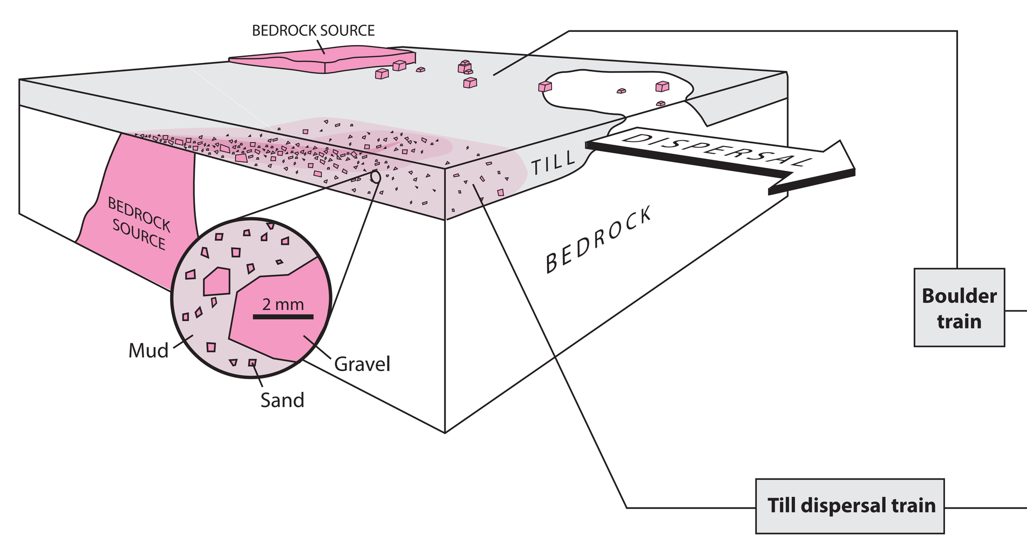
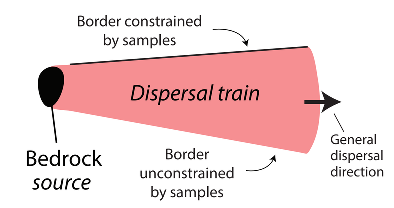
Dispersal Trains



LEGEND



A — Gravel at surface

B — Granules, pebbles and/or cobbles in till*
Sand and/or visible silt in till
Geochemical signature of mud** fraction of till
Paleozoic carbonate particles in till (mud, sand and/or gravel)

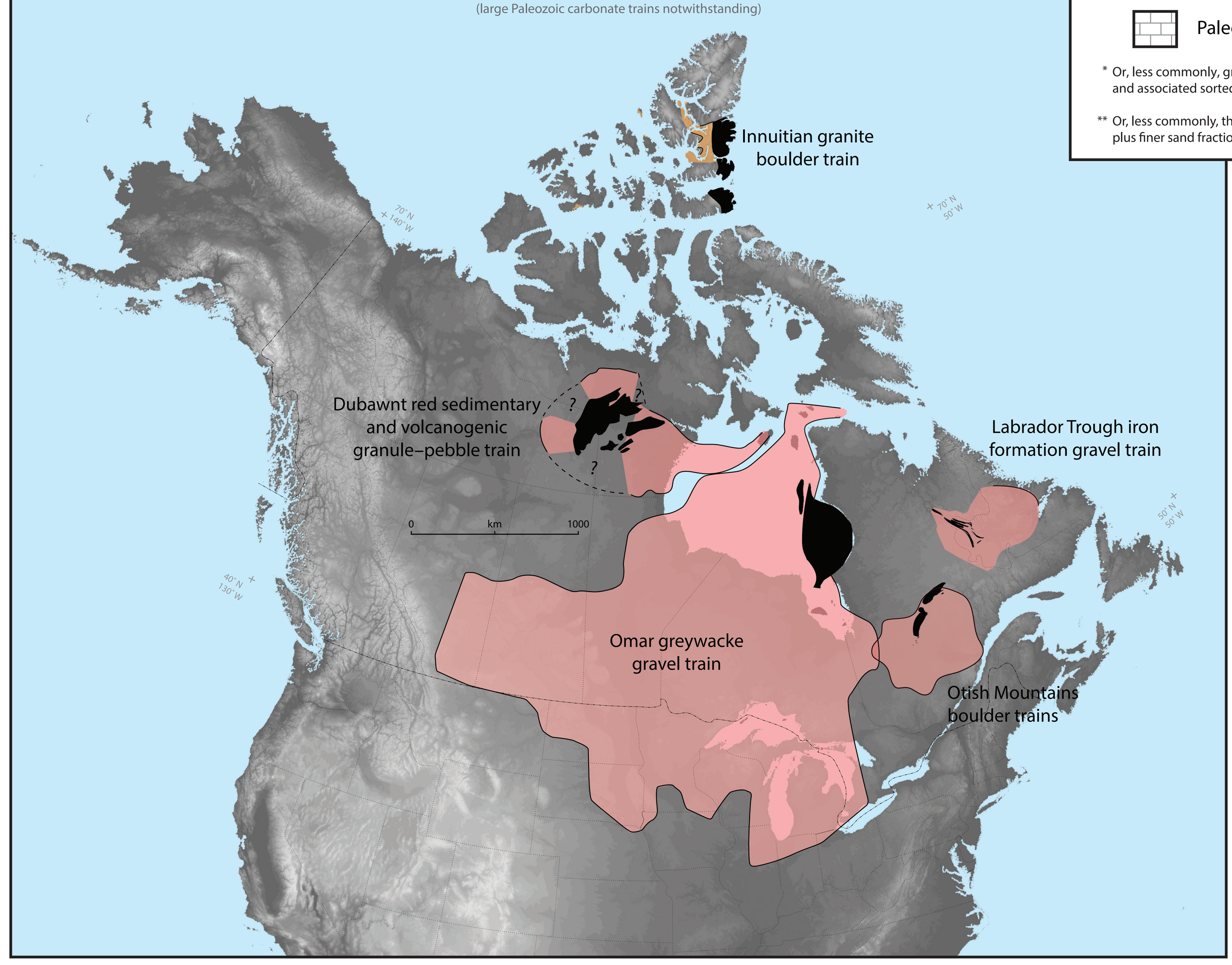
Paleozoic carbonate bedrock

* Or, less commonly, gravel clasts in glacial "drift" (i.e., till and associated sorted sediment).

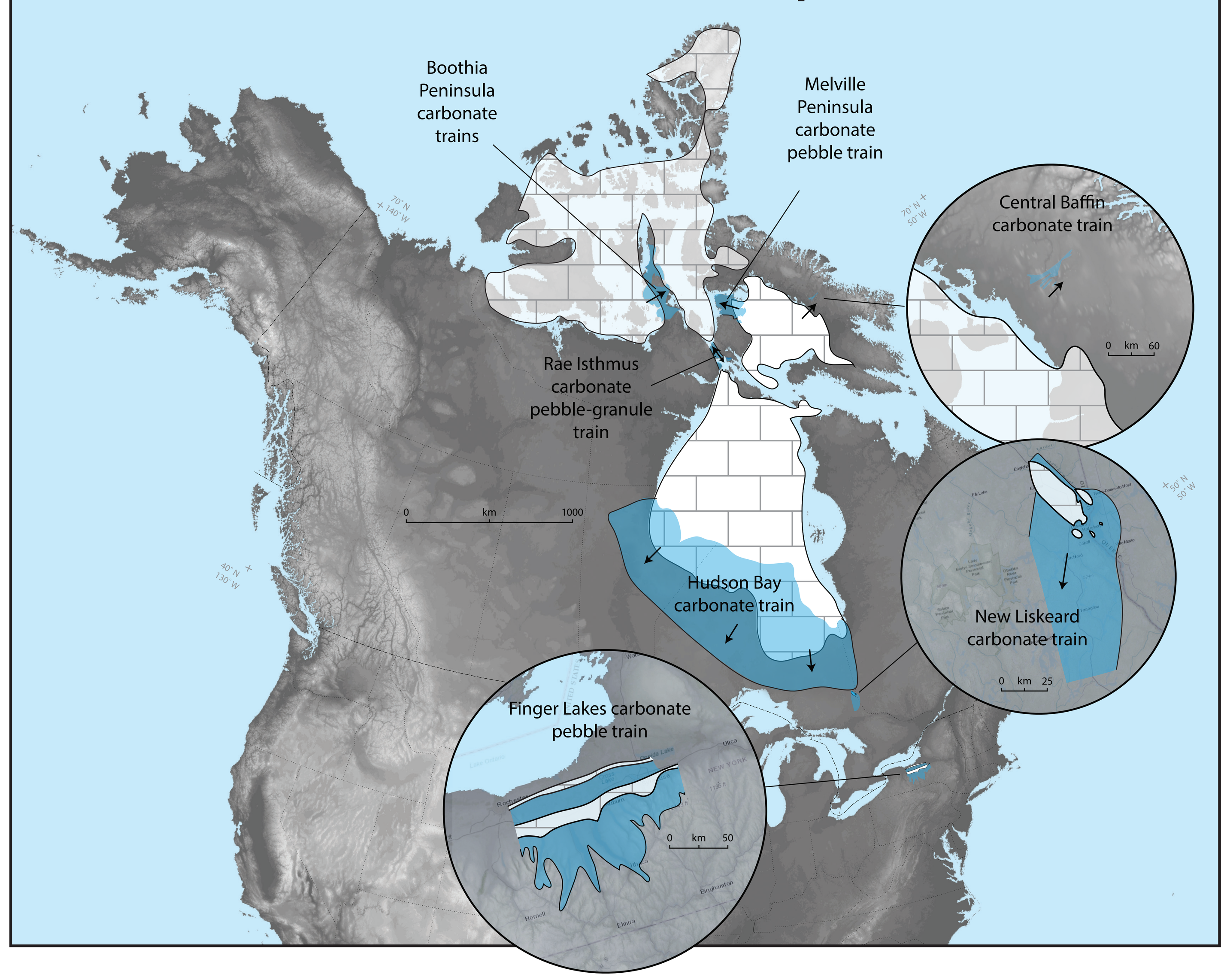
** Or, less commonly, the geochemical signature of the mud plus finer sand fraction, or sand-sized heavy minerals in till.

Large dispersal trains

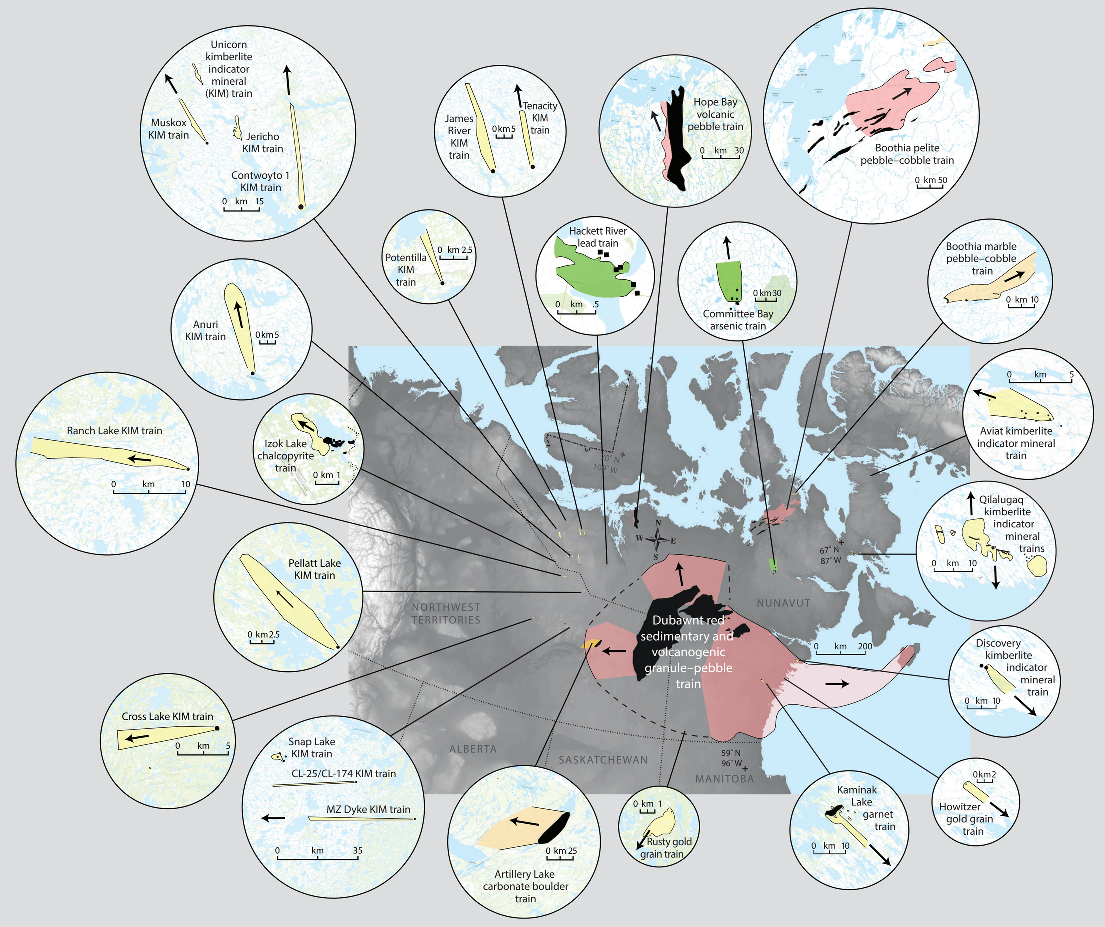
(large Paleozoic carbonate trains notwithstanding)



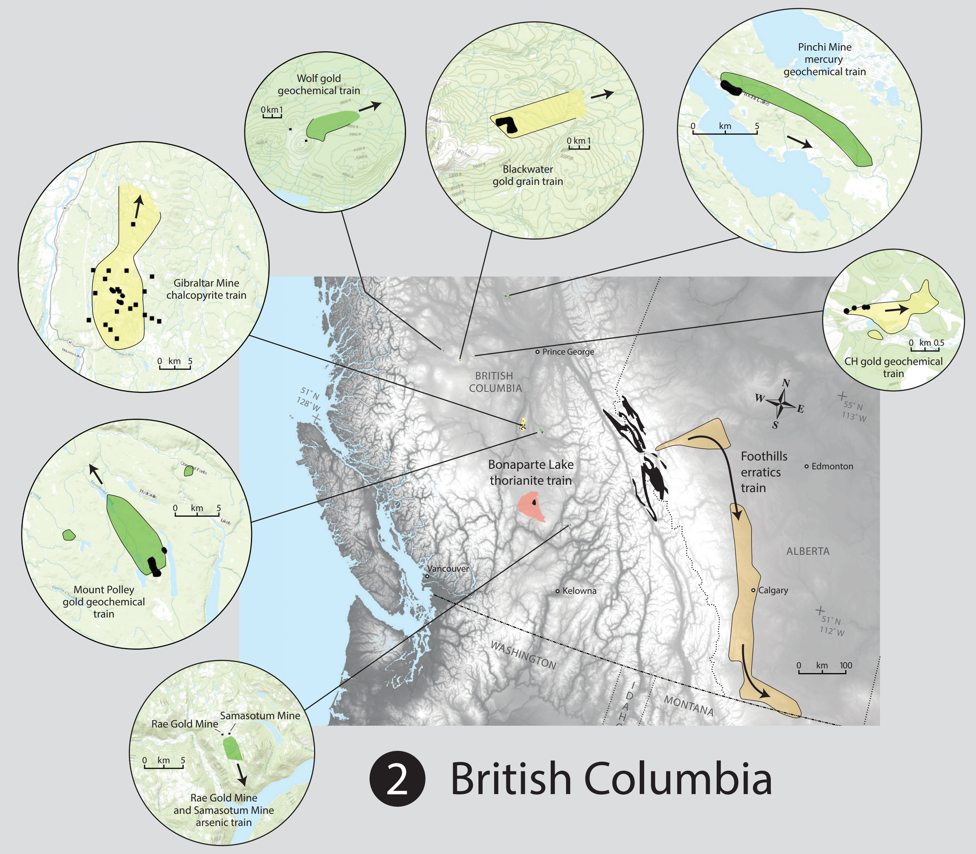
Paleozoic-carbonate dispersal trains



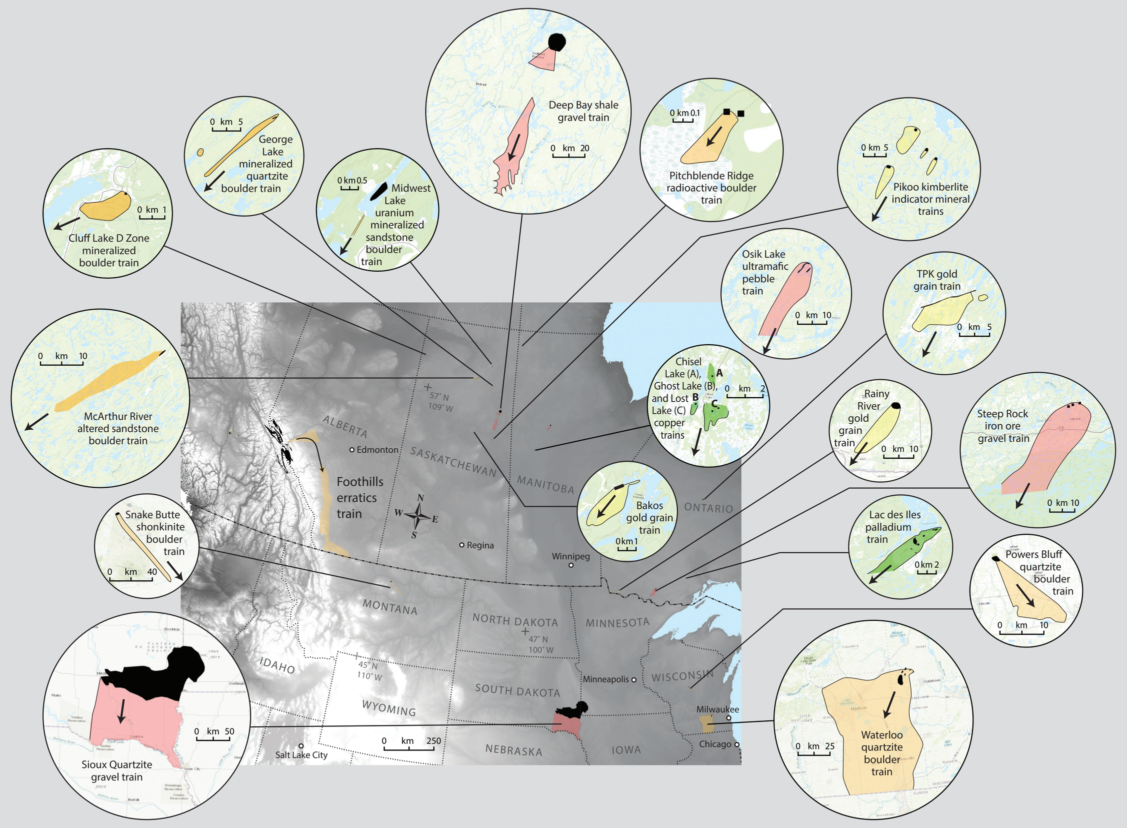
Smaller trains, region by region



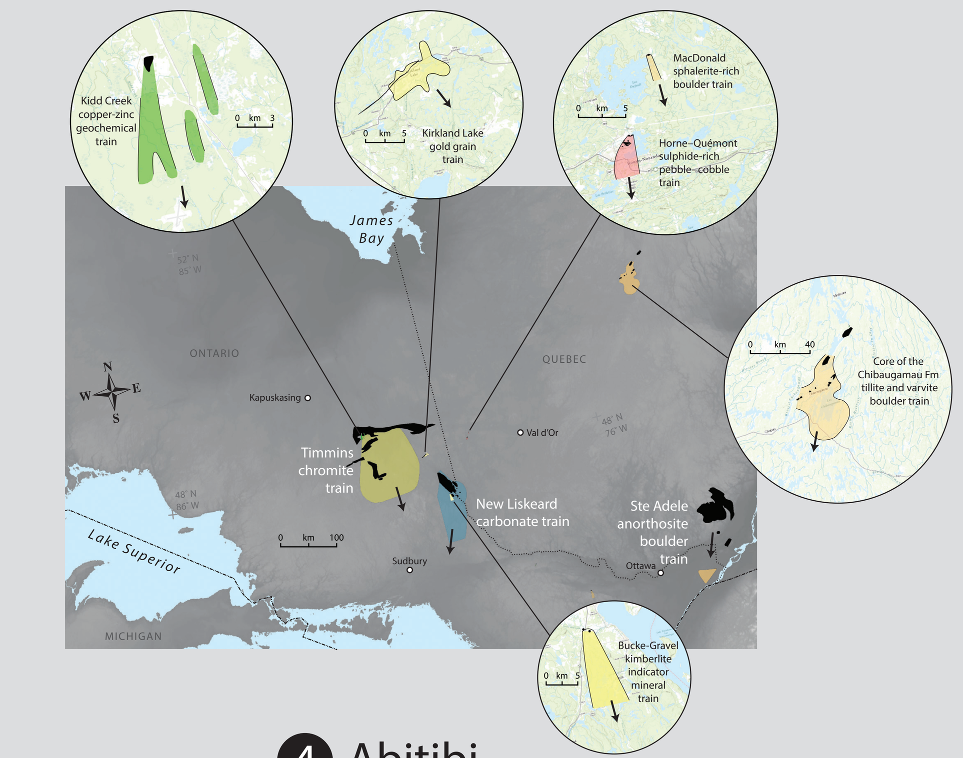
1 Northwest Territories and Nunavut



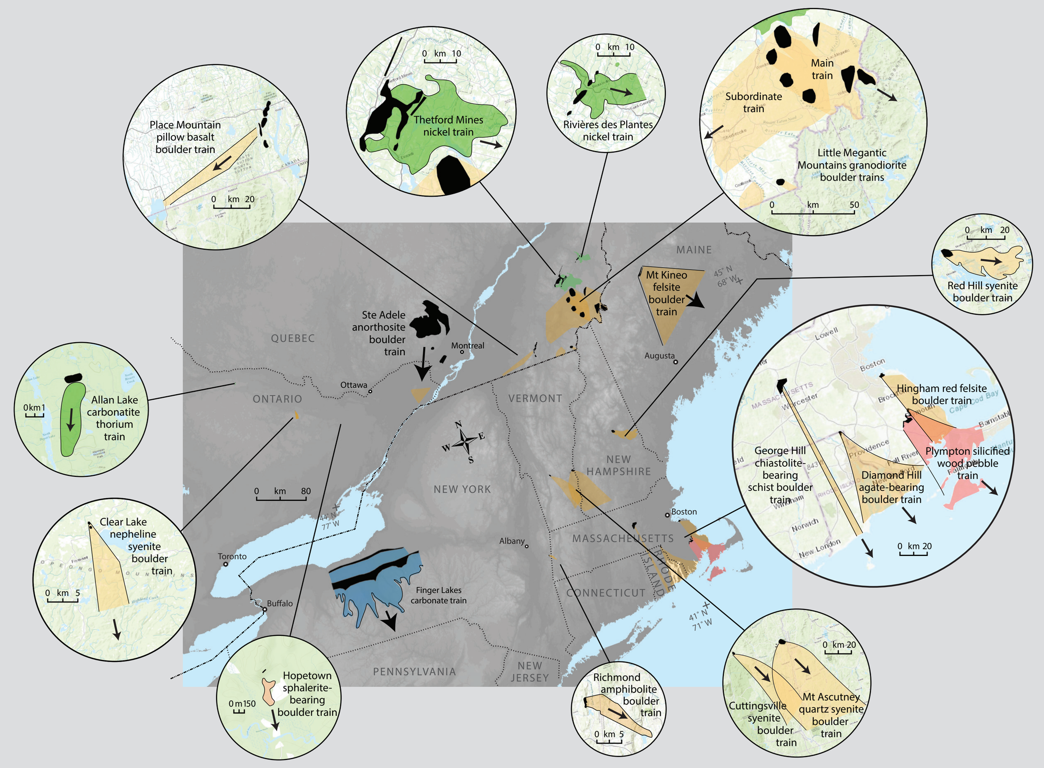
2 British Columbia



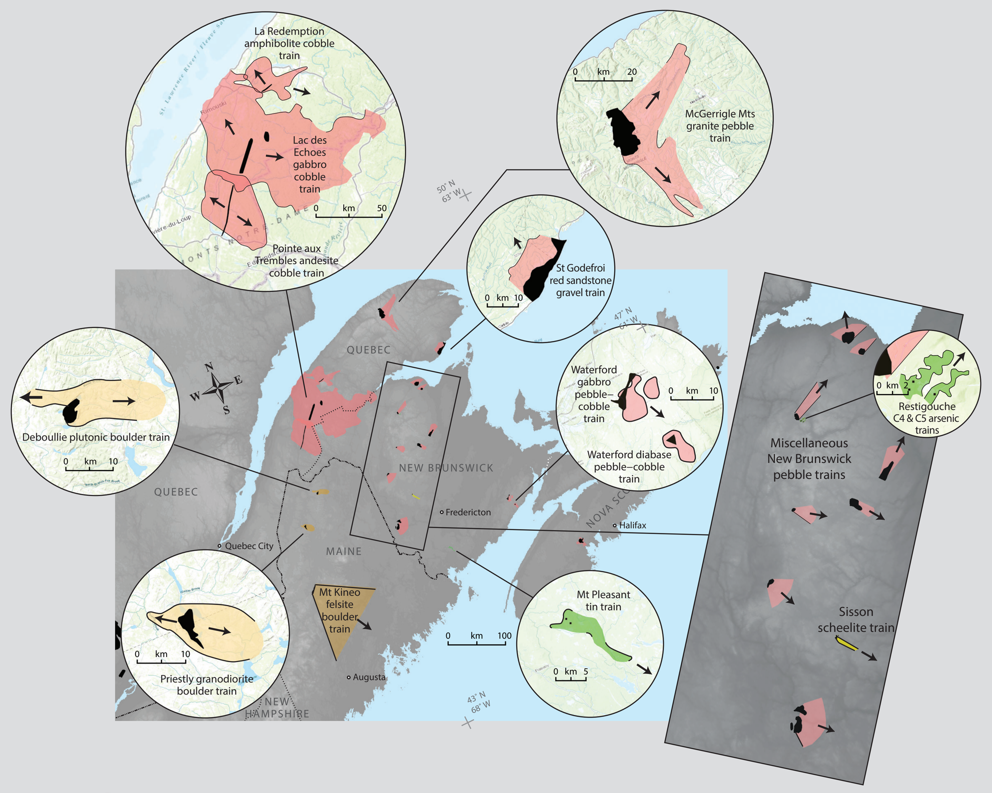
3 Midwest USA and Prairie provinces



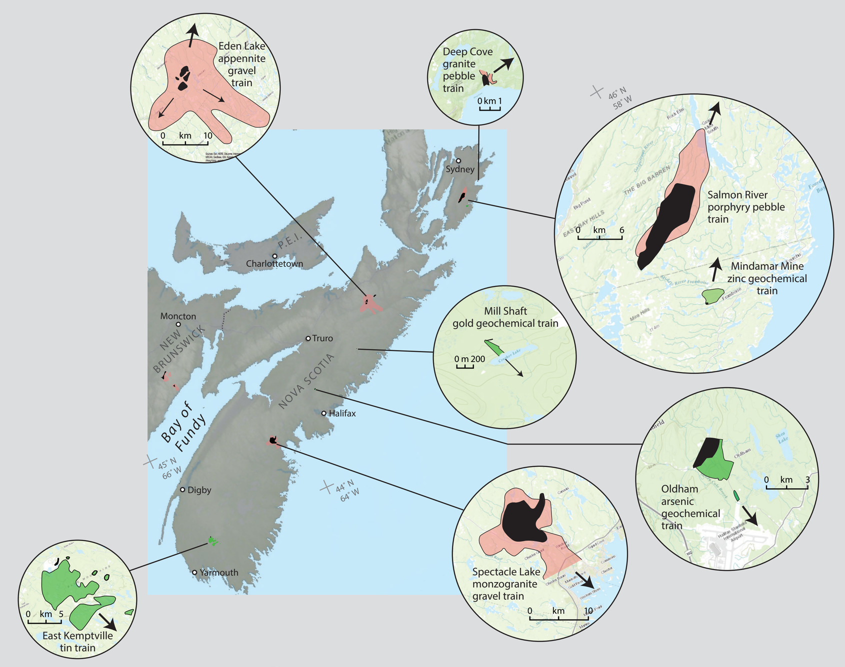
4 Abitibi



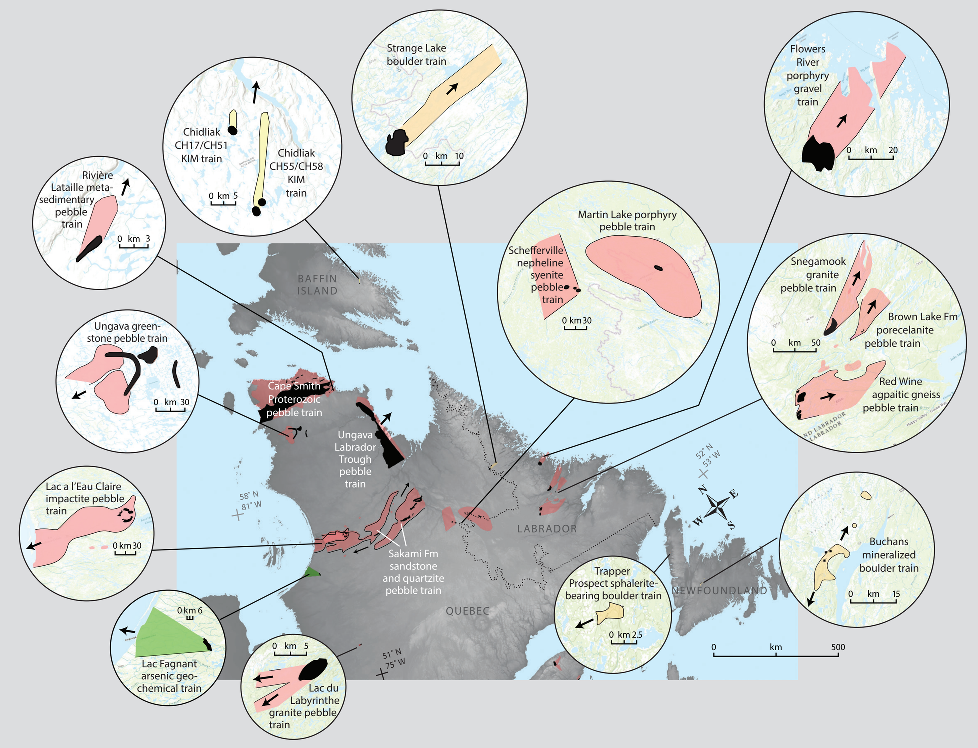
5 Northeast USA, Eastern Ontario, and Western Quebec



6 New England, New Brunswick, and Gaspé



7 Nova Scotia



8 Newfoundland, Labrador, and Northern Quebec

Projection: Lambert conformal conic
Datum: NAD83

1 -- DCGeo Consulting (cummings1000@gmail.com)
2 -- Dept. of Earth Sciences, Carleton University
3 -- Geological Survey of Canada, Ottawa

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