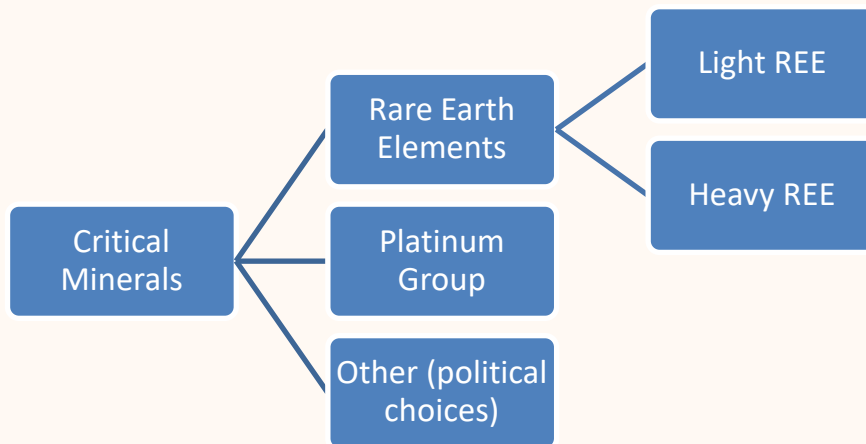


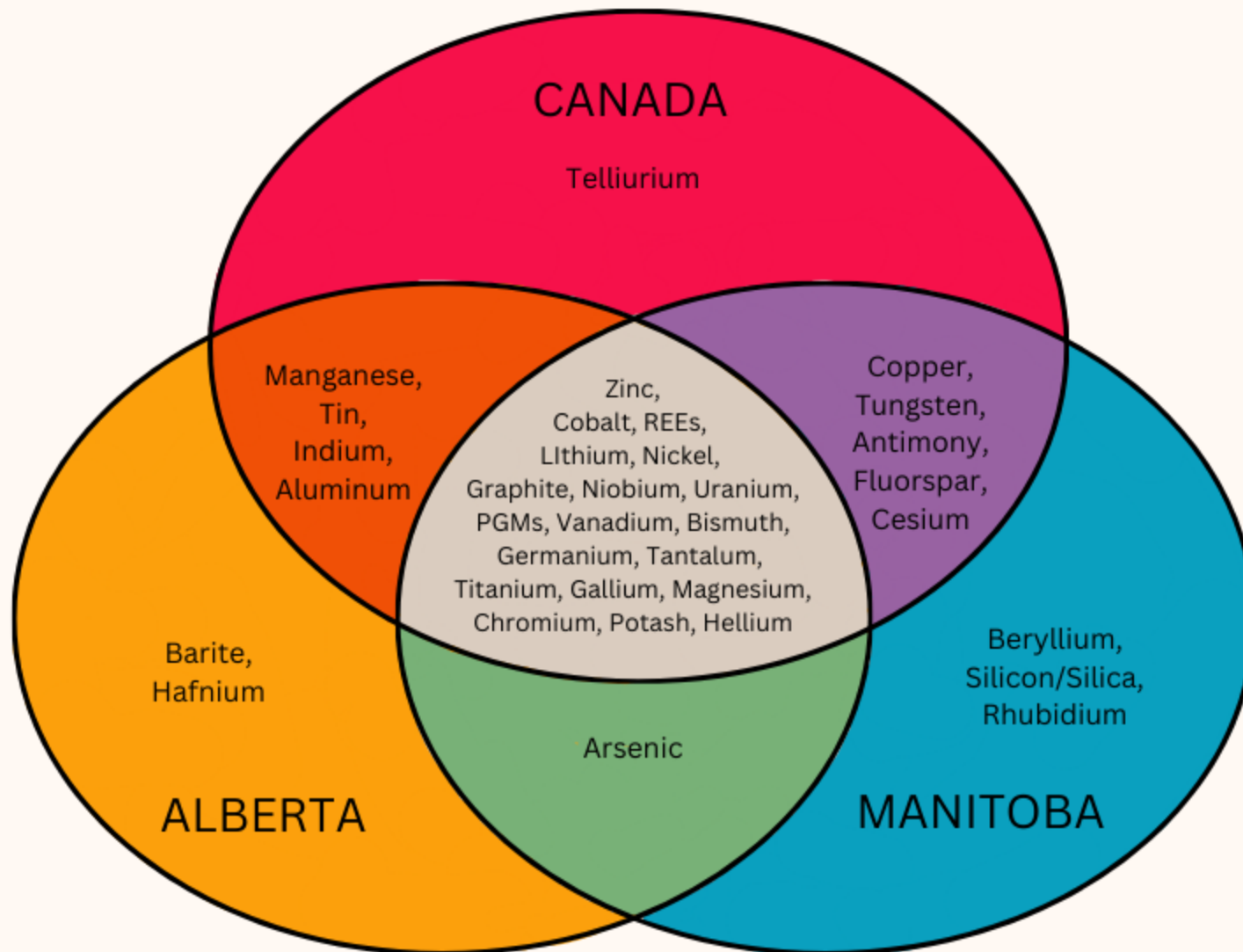
# What are critical minerals?



HudBay, Flin Flon, Manitoba



# Comparing Critical Minerals Across Jurisdictions



Based on how Canada, Alberta and Manitoba classify critical minerals in their respective critical minerals strategies

Sources:

Alberta's Critical Mineral Potential. (2023). <https://open.alberta.ca/dataset/421d532a-c8f6-4a00-b34e-7ad04078621e/resource/f6901a6e-88a0-4acb-aa71-175a69c4c14b/download/enr-albertas-critical-minerals-potential-2023.pdf>

The Canadian Critical Minerals Strategy. (2022). <https://www.canada.ca/en/campaign/critical-minerals-in-canada/canadian-critical-minerals-strategy.html>

The Manitoba Critical Minerals Strategy. (2023). <https://www.gov.mb.ca/iem/explore/files/criticalmineralsstrategy.pdf>

How to cite this:

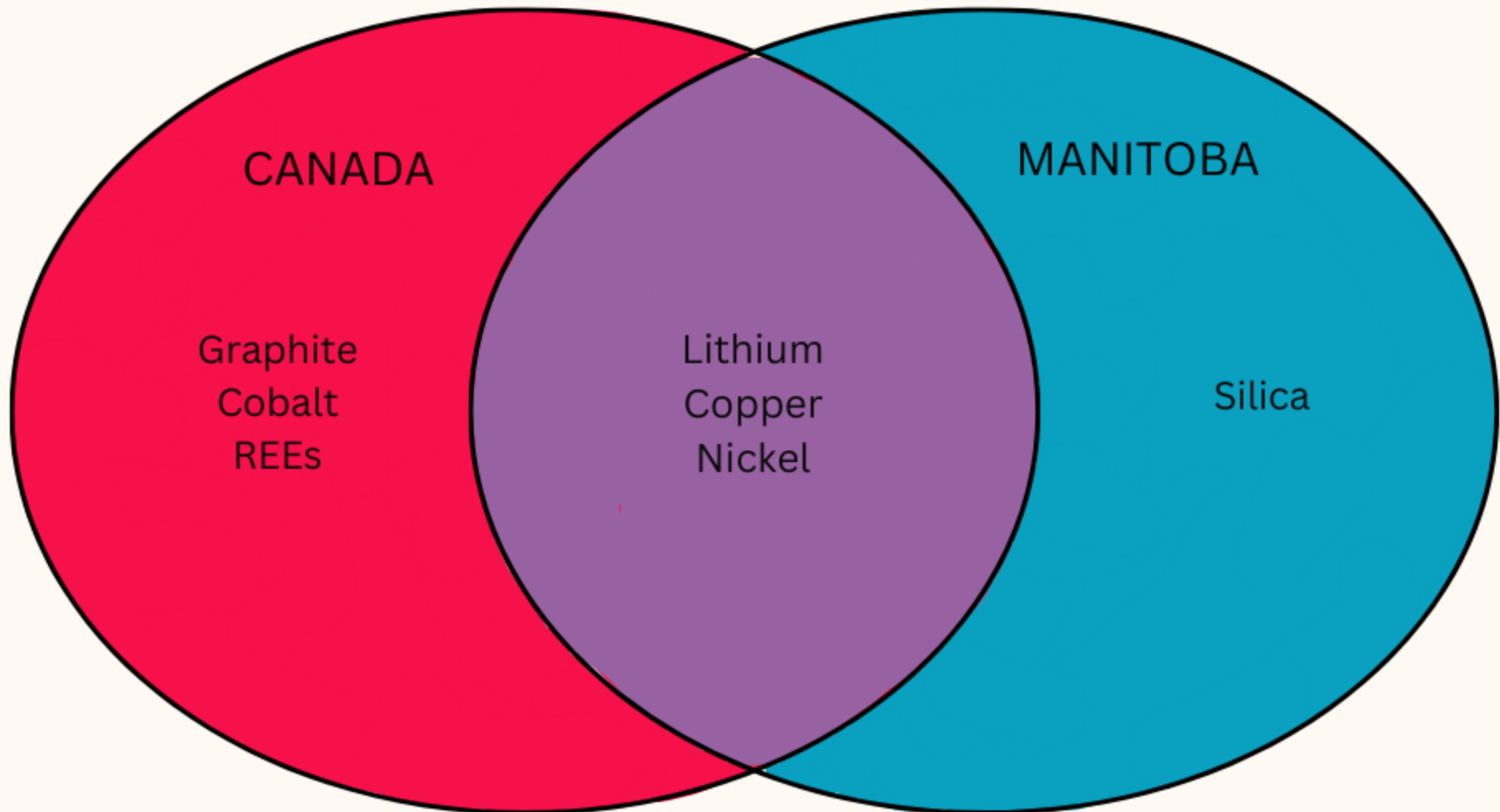
Taylor, H., Dilay, K., Poirier Cole, L., & Fitzpatrick, P. (2023, October). Comparing Critical Minerals Across Jurisdictions [infographic]. <https://>



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# Top Critical Minerals in Canada versus Manitoba



**Based on top critical minerals identified in Canada and Manitoba's  
respective critical minerals strategy**

Sources:

The Canadian Critical Minerals Strategy. (2022). <https://www.canada.ca/en/campaign/critical-minerals-in-canada/canadian-critical-minerals-strategy.html>

The Manitoba Critical Minerals Strategy. (2023). <https://www.gov.mb.ca/iem/explore/files/criticalmineralsstrategy.pdf>

How to cite this:

Taylor, H., Dilay, K., Poirier Cole, L., & Fitzpatrick, P. (2023, October). Top Critical Minerals Canada vs Manitoba. [infographic]. <https://>

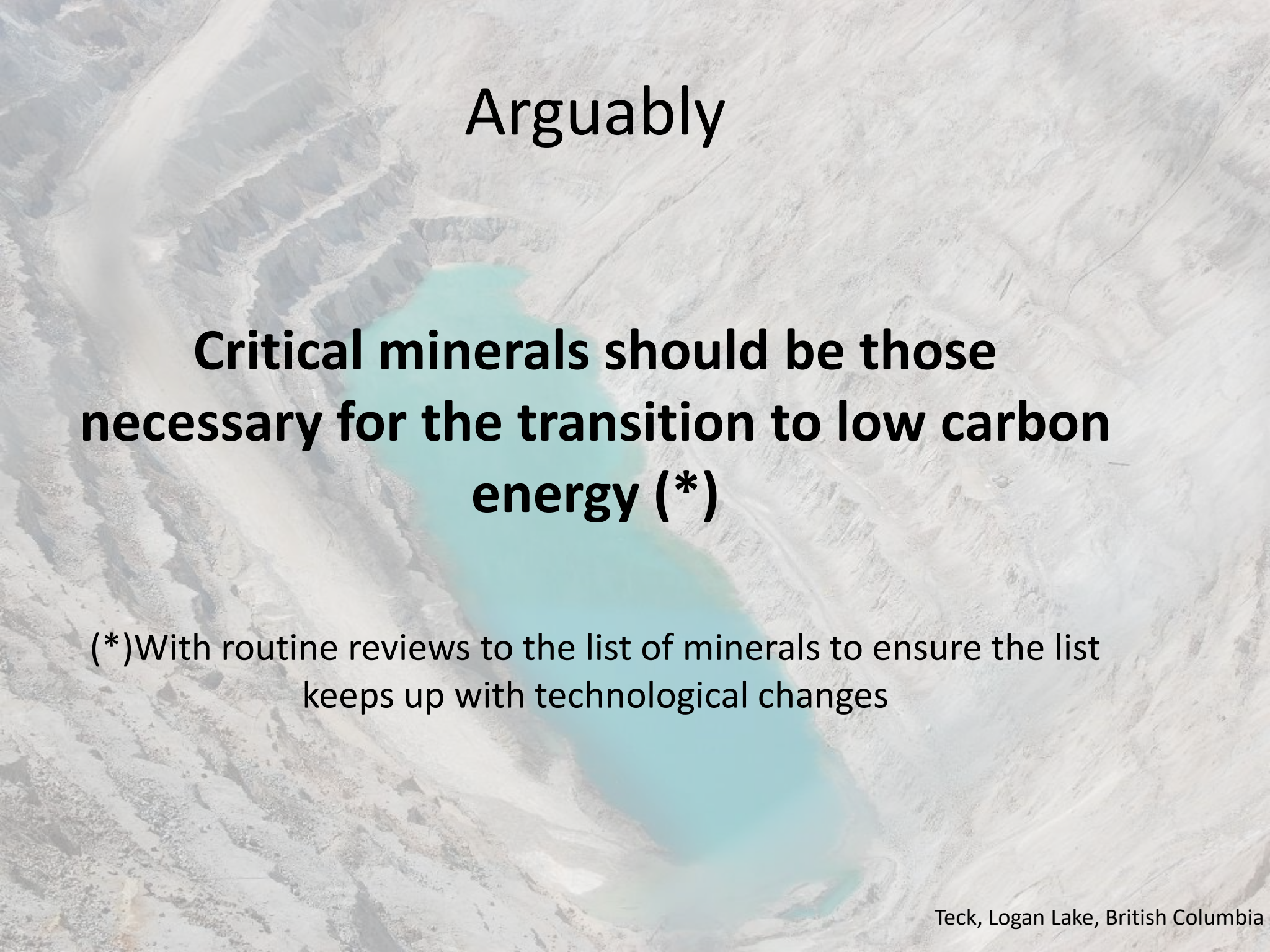


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# Current considerations in various definitions

- Necessary for energy transition
- High risk for supply chain disruption
- Economic importance
- National security
- Geographic locale
- Important for allies








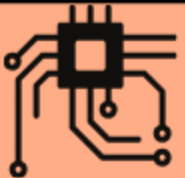










An aerial photograph of a large open-pit mine. The mine's terraced levels are visible, and a large, turquoise-colored lake is situated in the center of the excavation. The surrounding landscape is arid and rocky.

Arguably

**Critical minerals should be those  
necessary for the transition to low carbon  
energy (\*)**

(\*)With routine reviews to the list of minerals to ensure the list  
keeps up with technological changes

# Top 6 Critical Minerals in Canada

Lithium	Copper	Nickel	Graphite	Cobalt	REEs
 Rechargeable batteries	 Transmission lines	 Construction beams	 Electrodes	 Chemical catalysts	 Touch screens
 Hydrogen fuel storage	 Electrical components	 Rechargeable batteries	 EV fuel cell	 Electrodes	 Wind turbines
 Air conditioning	 Electrical wire	 Engine components	 Battery anodes	 Drying agents	 Flat screens

Based on top 6 critical minerals identified in Canada's Critical Minerals

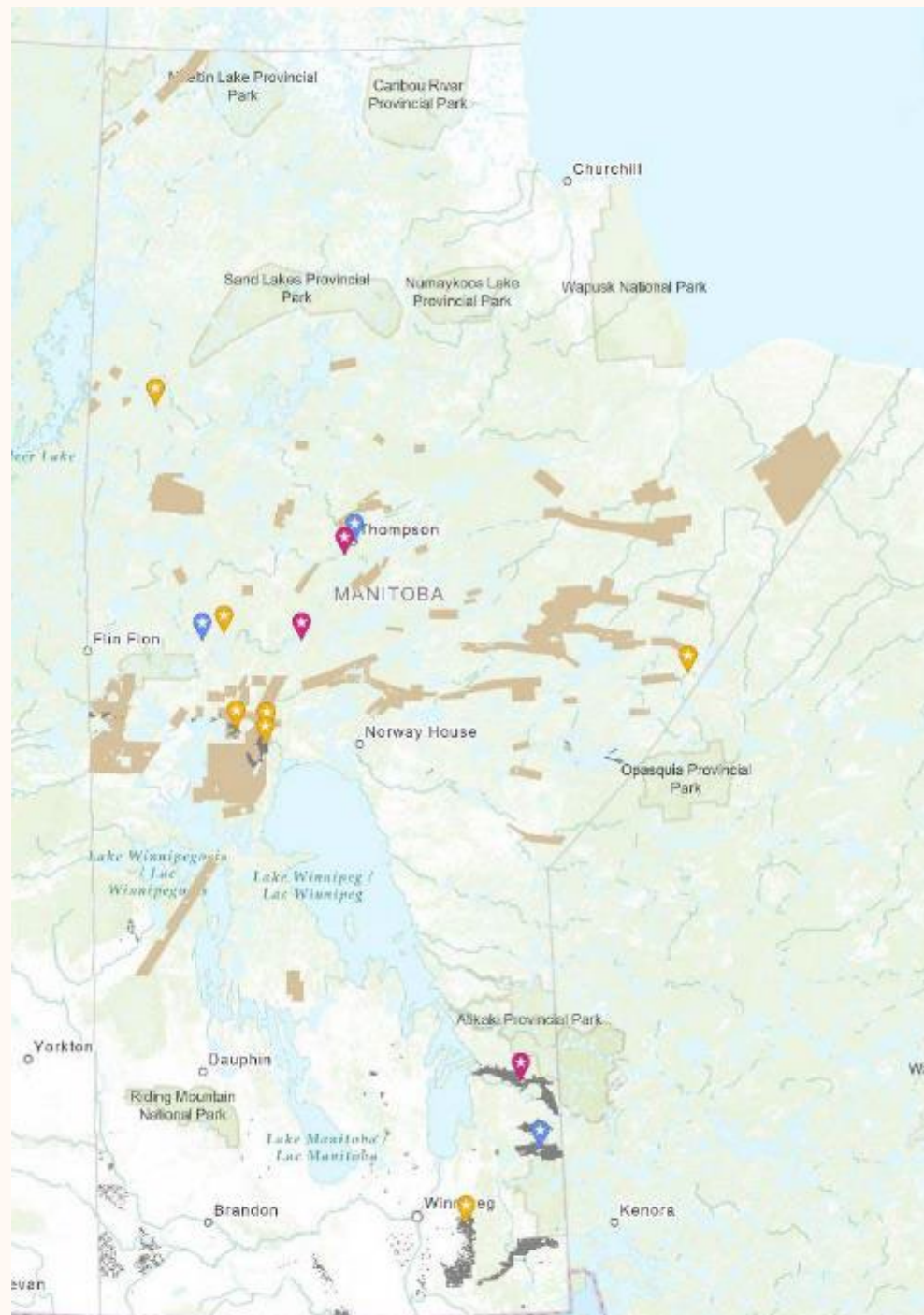
**Strategy**  
The Canadian Critical Minerals Strategy. (2022). <https://www.canada.ca/en/campaign/critical-minerals-in-canada/canadian-critical-minerals-strategy.html>  
How to cite this:

Taylor, H., Dilay, K., Poirier Cole, L., & Fitzpatrick, P. (2023, October). Top 6 Critical Minerals in Canada. [infographic]. <https://>



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Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NRCan, Parks Canada, Esri, USGS, Sources: NRCan, Esri Canada, and Canadian Community Maps contribute

**“The way that we have a successful critical minerals strategy in our province is by saying we can bring these minerals to market in our province with higher environmental standards, higher respect for human rights, higher labour standards than any other jurisdiction in the world.” Premier Kinew (February 16, 2024)**