

# Canada's Scientific Advancements: Fueling EV Minerals, Green Hydrogen, and

Canadian Science · Answer Key · 4 Questions

---

**1. What natural resources is Canada prioritizing for extraction and processing due to the increasing global demand for electric vehicle batteries and clean technologies?**

- A) Oil and Gas
- B) Timber
- C) Critical Minerals**
- D) Fresh Water

**2. Canada is actively investing in becoming a global leader in the production of which clean energy carrier, vital for the worldwide transition to net-zero emissions?**

- A) Coal
- B) Nuclear Power
- C) Clean Hydrogen**
- D) Solar Panels

**3. Scientific studies in the Canadian Arctic are exploring the feasibility of extending the operational season for shipping through the Port of Churchill. What global event is primarily driving these potential changes in Arctic shipping?**

- A) Increased tourism
- B) Climate change and diminishing sea ice**
- C) New fishing agreements
- D) International space research

**4. Canadian agricultural research is focused on developing more resilient farming practices and diverse crop rotations. What global challenge is this innovation primarily addressing to ensure stable local economies and food supply?**

- A) Decreasing global population
- B) Climate change and extreme weather**
- C) Rising demand for luxury foods
- D) Expansion of urban areas