

**Chapter 14 Reading Guideline, 16th Edition
Geology and Nonrenewable Mineral Resources**

Identify the following. Be as specific as possible, and include names, dates, and relevant facts as appropriate. Be sure to explain the significance of the term. At **least three sentences** minimum per identification or answer.

Core Case Study: Environmental Effects of Gold Mining

Question 1: How is gold extracted? What are the environmental effects of gold mining?

14.1 What are the Earth's Major Geological Processes and Hazards?

- a) Divergent vs Convergent vs Transform Boundaries
- b) Weathering

14.2 How are the Earth's rocks recycled?

- c) Rock Cycle

Question 2: Should companies be allowed to patent elements in the periodic table? Explain.