

Name \_\_\_\_\_

## Rock and Roll: How Human Activities Shape the Rock Cycle

### Open-Ended Response Questions

1. Discuss the positive and negative impacts of mining activities on the rock cycle and the environment. Provide examples of valuable minerals extracted through mining.
2. Describe the concept of tailings in mining and explain why their management is essential for environmental conservation.
3. Explore the consequences of construction activities on landscapes and their influence on natural processes related to the rock cycle. Provide specific examples of how construction can reshape the Earth's surface.
4. How can society strike a balance between the need for resources through mining and construction and the preservation of the environment and the rock cycle? Discuss potential strategies and approaches.

