

Name _____

Living Near a Volcano: Surprising Benefits and Challenges

Short Answer Key

1. Fertile soil near volcanoes is rich in essential minerals and nutrients, promoting plant growth and leading to bountiful crops and lush vegetation.
2. Geothermal energy is a renewable energy source that harnesses heat from the Earth's interior for power generation and heating. It is sustainable near active volcanoes because the Earth's internal heat remains constant, reducing the need for fossil fuels and lowering carbon emissions.
3. Mineral resources found in volcanic regions can be mined and sold, contributing to economic growth. These minerals are essential for various industries, creating jobs and stimulating economic activity.
4. Examples of recreational activities in volcanic landscapes include hiking and exploring volcanic caves.
5. One safety measure is the establishment of early warning systems that monitor volcanic activity and provide timely alerts to residents, allowing for evacuation and preparedness.

