













Ore Extraction

- After being sent to a refinery, rocks are crushed, so minerals can be separated out of the ore.
 Some methods include:
 - Heap leaching: the addition of chemicals, such as cyanide or acid, to remove ore.
- Flotation: the addition of a compound that attaches to the valuable mineral and floats.
- Smelting: roasting rock, causing it to segregate into layers so the mineral can be extracted.



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Environmental Impacts

- Read the article "Effects of Mining on the Environment"
- Answer the questions at the end of the article in your notebook as part of your notes for today.

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Helpful Textbook Pages: 716 – 723; Glossary

Today's Main Idea

 Mining provides people with many resources they need, but mining can be hazardous to people and the environment.

Explore Question

Explore today's main idea with this question:
What are some of the ways in which mining activities affect the land surface?

Vocabulary

- · Igneous Rocks
- Sediments
- Lava

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