

4.1 Energy and Mineral Resources

A. Renewable and Nonrenewable Resources

1. What makes a resource 'renewable'?
2. List three renewable resources.
3. What are some 'nonrenewable' resources?
4. What propaganda statement is made in this section regarding the United States? What does this statement ignore about God?

B. Fossil Fuels

1. Coal

Where are the largest bituminous coal deposits on the United States?

What general 'tone' is presented in the text regarding the use of coal as a fuel?
Use an example to support your statement

2. Petroleum and Natural Gas

What is thought to be the source of petroleum and natural gas?

What is an oil trap?

C. Tar Sands and Oil Shale

What propaganda statement is made about world petroleum supplies?

What is tar sand?

How are tar sands treated to release oil?

What are bitumen and kerogen?

D. Formation of Mineral Deposits

1. Mineral Resources and Igneous Processes

What makes something an 'ore'?

What are some valuable metallic mineral resources?

Where do mineral deposits form by igneous processes?

2. Hydrothermal Solutions

What is a 'hydrothermal solution'?

What are some important hydrothermal deposits in the United States?

3. Placer Deposits

How do placer deposits form?

Which metal is commonly found as a placer deposit?

When and where was the Welcome Stranger Nugget found?

E. Nonmetallic Mineral Resources

List three uses of limestone.

Which mineral is used in paints and cosmetics?