Worksheet: Features of Sedimentary Rocks

Mrs. Côté **Name: _____** **Phys Geo 110**

Directions: Use your textbook (see pages below) to assist you in answering the following questions. Make sure to put your answers in your own words, answers can be put in point form if needed.

1. A stratified rock is a form of sedimentary rock. Using page 130 in the textbook, explain why a stratified rock looks like they do, and how they come to look this way.

2. Explain how fossils are formed and what a paleontologist would have to do to see a fossil.

3. Why would rocks (igneous and metamorphic) formed during the Precambrian time not contain fossils?

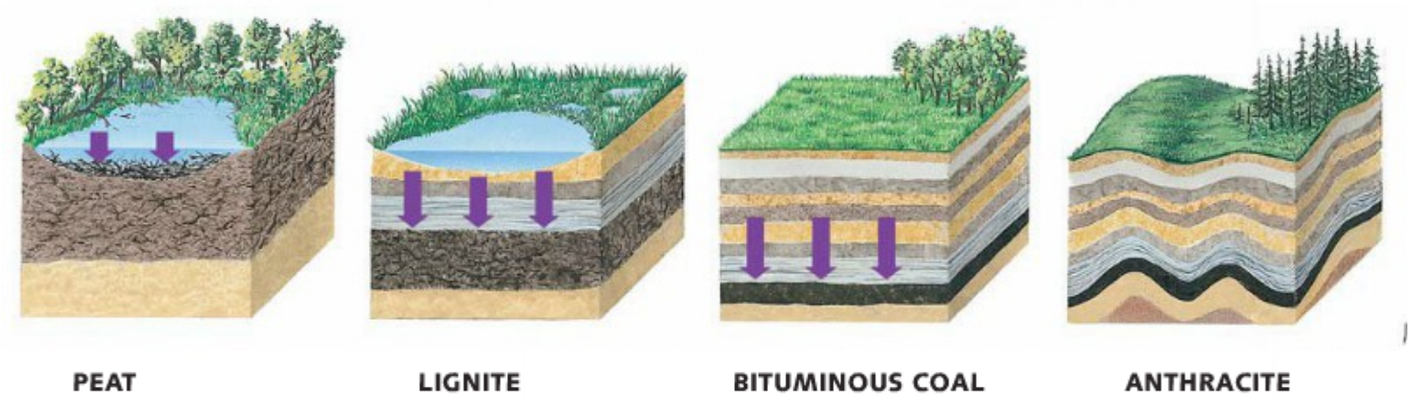
4. Using page 130 in the textbook, explain what ripple marks are and how they are formed.

5. Using page 130 in the textbook, explain what mud cracks are and how they are formed.

6. Fossil fuels are considered to be sedimentary rocks, using page 148 in the textbook explain what a fossil fuel is and why they would be considered to be sedimentary rocks.

7. It is said that fossil fuels are nonrenewable, explain what this means and why this would be the case.

8. Using the diagram below and page 149 in the textbook, explain how peat, lignite, bituminous coal and anthracite are formed.



9. Explain why Anthracite coal is not a sedimentary rock and why it has the most amount of energy.

10. Petroleum (oil) is also considered to be a sedimentary rock. Using pages 149 & 150, explain how natural gas and oil are formed, and where they reside.