

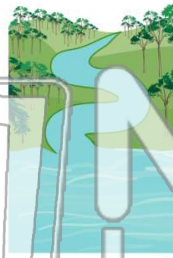


Name _____ Class _____ Date _____

1

The **amount of water** that moves in a stream or river over a specific amount of time is called that stream's or river's _____.

- A delta
- B discharge
- C gradient
- D load



2

Though rivers and streams carry a significant amount of fresh water, that fresh water is not always immediately usable. Rivers and streams naturally carry **sediments**. The **materials that a stream can carry, like silt and sediment, is called the stream's** _____.

- A gradient
- B discharge
- C load
- D tributary

3

Water that **collects** in the soil, sand, and rocks **below the earth's surface** is called _____.

precipitation

4

Groundwater is water that **collects** in the soil, sand, and rocks below the earth's surface. The main **source** for groundwater is _____.

5



PREVIEW

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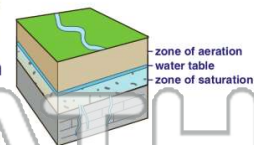
7

Because of its many empty spaces. However, a large deposit of scoria can **never** be considered an **aquifer**. Why?

- A Igneous rocks are too hot to hold water.
- B The spaces are too small to hold significant amounts of water.
- C The spaces are not interconnected, so it's not permeable.
- D Scoria is too hard.



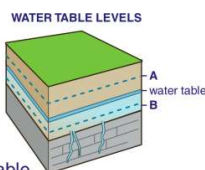
- A zone of porosity and the zone of permeability
- B zone of aeration and the zone of saturation
- C recharge zones
- D bedrock and the aquifer



9

In this image you can identify the water table. This is the location of the water table in the aquifer during the rainy season. **After two seasons of drought, where will the water table be?**

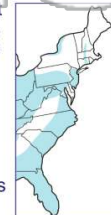
- A closer to the surface due to evaporation (letter A)
- B closer to the bedrock (letter B)
- C in the same place
- D there will be no water table



10

This map shows the location of significant aquifers in the United States. What conclusion can be drawn about the Northeast portion (**New England**)?


- A There is no water there.
- B The rock there has low porosity and permeability.
- C All the water there is on the surface and runs off in rivers and streams.
- D There is a water source crisis there.





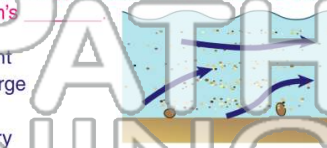
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precipitation

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PREVIEW

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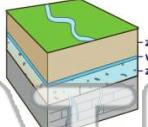
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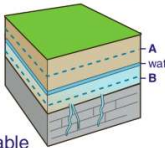
8

A zone of porosity and the zone of permeability
B zone of aeration and the zone of saturation
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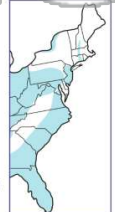
9 In this image you can identify the water table. This is the location of the water table in the aquifer during the rainy season. **After two seasons of drought, where will the water table be?**

WATER TABLE LEVELS



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B closer to the bedrock (letter B)
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