

# DO YOU DIG IT?



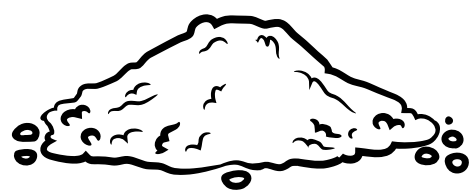
Name \_\_\_\_\_

Identify each soil type and fill in the chart below.

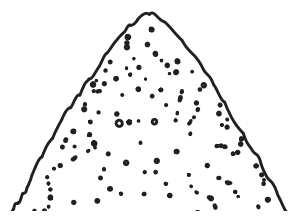
Color & Texture?      Water Resistant?



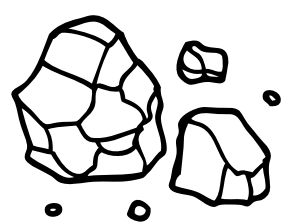
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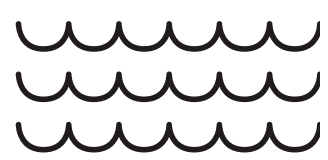
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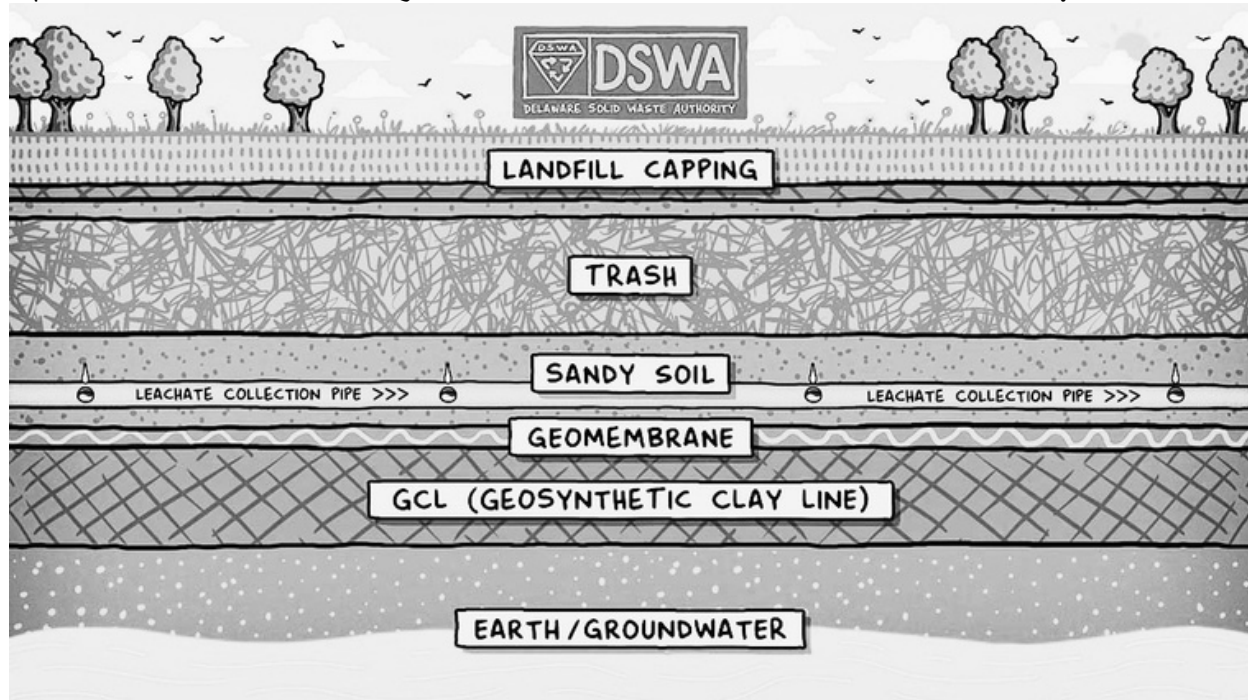


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Why is it important for soil layers to protect water resources?

# THE DIRT ON TRASH

Landfills are a safe way to get rid of our trash. A landfill is a large area of land where trash is buried. Landfills have systems to protect people and the environment from the pollution that trash can produce when it decomposes. Use the diagram of a landfill to answer the questions below.



1. Why do you think CLAY soil is always placed at the bottom of a landfill?  
(Hint: Think about the water resistance of clay)

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2. Why do you think the trash is covered with soil at the end of every day?

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3. Water easily passes through sandy soil. Why is sandy soil helpful directly below the layer of trash?

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