**Examining Porosity and Permeability**

***Part A: Color in the pore space between each of these soil samples with sorted particle sizes.***

*Answer: Circle your prediction about the porosity and permeability of each of the sorted soil samples below.*

 CLAY SILT SAND LOAM









**Porosity** HIGH / MED / LOW HIGH / MED / LOW HIGH / MED / LOW HIGH / MED / LOW

**Permeability** HIGH / MED / LOW HIGH / MED / LOW HIGH / MED / LOW HIGH / MED / LOW

***Part B: Color in the pore spaces between each of these soil samples with a mixture of particle sizes.***

Answer: Which soil would let the water pass through more quickly? Explain your answer.

Answer: Which soil would hold the most water? Explain your answer.

1.  2.

***Part C: Trace the path of a drop of water from the surface down to the water table through the permeability maze.***

Answer: Which illustration allows water to flow more freely?

1.  2. 

WATER TABLE