Name: _____ Date: _____ Period: _____

GROUNDWATER FOUNDATION
Provide | Educate | Sustain

POROSITY & PERMEABILITY

1. Define porosity:

_____

_____

_____

2. Define permeability:

_____

_____

_____

3. Organize the below material categories from least to most porous.

Silt	**Sand**
Gravel	**Clay**

Least Porous **Most Porous**

_____ _____ _____ _____

4. Explain why some materials are more porous than others.

_____

_____

_____

_____

5. Explain why some materials are more permeable than others.

_____

_____

_____

_____

6. Is the statement below correct? Why or why not?

> All materials that have high porosity also have high permeability.