



Experiment: Aquifer

An aquifer is a large underground rock that can hold water

Materials:

Plastic Bottles
Modeling Clay
Sand
Jars (to hold bottles)
Water



1. Carefully cut the bottoms off of the bottles
2. While leaving the cap screwed in, turn the bottle over and add clay to the bottle neck area. Let dry and harden.
3. In one bottle add a layer of sand and another layer of clay. In the other bottle just add a layer of sand.
4. Pour water into both bottles and observe

Questions to consider:

- How does the water pass through the sand vs. the clay?
- How do you think you could get to the water?