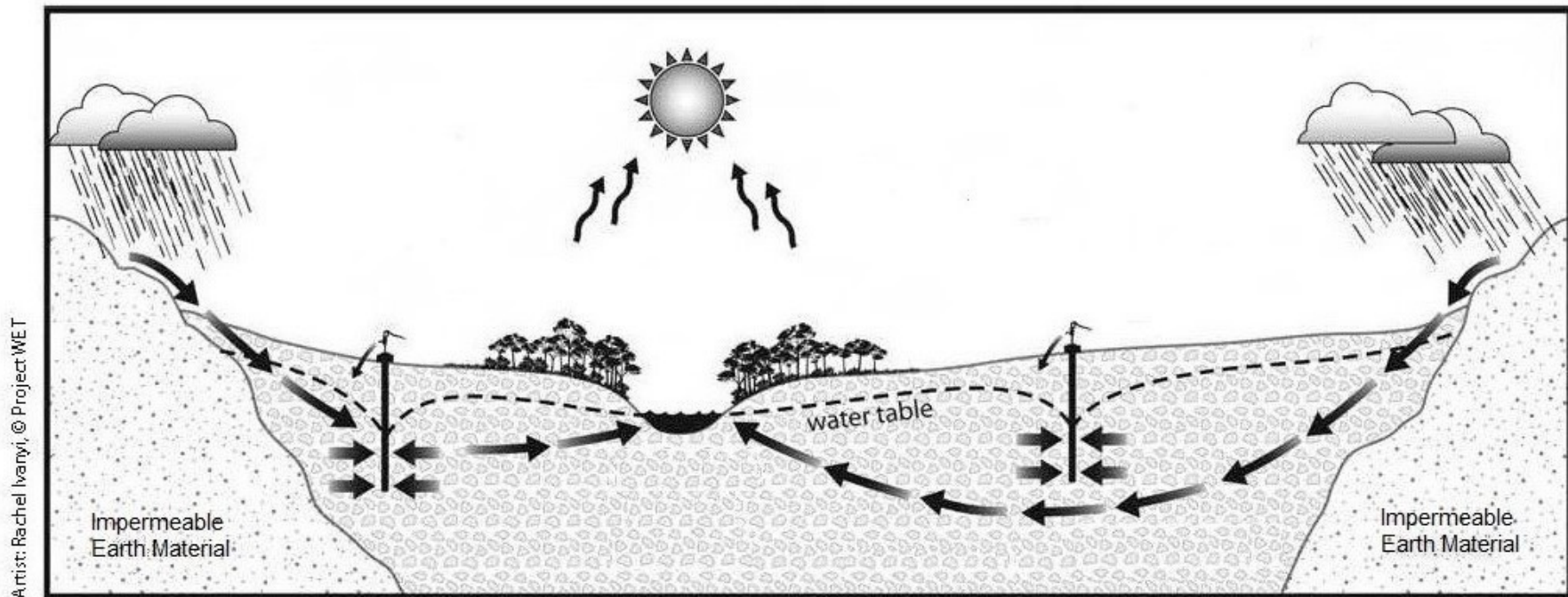




Groundwater Diagram

Step 1: Label the diagram with words and arrows as many parts and processes of the groundwater system as you can. Remember that groundwater is a part of the water cycle.



Cross-section illustration of aquifer (looking south) and hydrologic cycle in the San Pedro River with pumping.

Step 2: Discuss these questions in your group and label where appropriate.

What is the dashed line labeled water table?

What happens where the water table crosses the surface?

What happens to the water table when groundwater is pumped? (label or represent it on your diagram)

What process do you think the arrows pointing up represent?

Can you find the wells on the diagram? What if a lot more wells were added in the area? What might happen to the groundwater? What might happen to the river?