

SEDIMENTATION TUBES and SOIL EROSION

(primary)

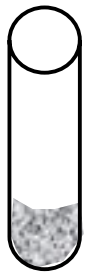
Particles of soil and rock are called ***sediment***. Sediment can come from many places. Much comes from land beside rivers. Too much sediment can change a river. It can make the river dirty. **Find out about sedimentation!**

Find the sedimentation tubes.

Each tube has sand in it. Three tubes have sand and soil in them. The tubes have different amounts of soil in them.

Pick one tube.

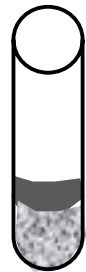
- Turn it one upside down.
- This will loosen the sand and soil at the bottom.
- Then turn the tube right side up.
- Watch the sand and soil settle out of the water.
- Do the same thing with each of the other tubes.
- Be sure to watch the sand and soil settle out of the water.



All Sand



Sand and
Little Soil



Sand and
Middle Soil



Sand and
High Soil

Questions:

1. Which tube's water becomes clear the fastest?
2. Which tube's water is the dirtiest? How do you know?
3. Which tube has the best water for the river? Why is it best?
4. Can you tell why soil erosion bad for the Illinois River?