

# BREAKOUT: DUST BOWL

## RIBBON TEST

Soil is a mass of different mineral particles. The three primary soil particles are sand, clay and silt. The amount you have of each of these.... collectively give your soil... it's texture.

While you're waiting for your sediment jar to settle:

Take a handful the remaining soil sample and add enough water to the soil until it is moist enough to roll into a ball.

Roll the ball between your hands until it's no longer sticky.

Then, slowly squeeze the ball out between your thumb and forefinger into a flat ribbon.

- If your soil sample flattens out into a nice long ribbon, it probably has a lot of clay in it.
- If it just crumbles in your hand it probably has a more sand in it.
- If the texture is somewhere in between, it's either predominantly silt or an equal mix of all three.

Based on what your ribbon sample shows you, see if you can predict what percentage of clay, sand and silt will settle out into layers in your sediment jar.

