

~~more porous~~ → Sand + ~~porosity~~ Silt ~~doesn't matter!~~ Sand + clay ← ~~less porous~~

Came out orange	Came out orange
Came out lighter blue	Came out almost clear

Orange Dye
(negatively charged)

Blue Dye
(positively charged)

CHARGE MATTERS!

You can infer information about these soils' charges by looking at ideal results...

WHY SHOULD YOU HAVE SEEN THIS?

In the analysis section of your writeup:

1. Tell me why the blue dye should have faded when poured through the sand+clay mixture? Why did the colors stay for the other combinations?
2. Why did you (or others) not see the ideal results? ERROR ANALYSIS