

Inquiry living off the land-Jenson Birthisel

We examined the soil samples to find out if a liquid would change the density.

Activity:

Now the first thing we did for our experiment was to put our gloves on and go outside with a bucket with different types of soil in it. After that what we did was put our hands in with our gloves on in the soil and try to form a ball and sausage shape with all the different types of soil. Then other classmates of mine brought out their water bottles so I think you can guess what we did. We put the water in the soil and then tried what we did before, some of them had a huge difference and some made it worse so that was the experiment of soil test.

Soil sample	observations (What did you notice)	decisions (What type of soil it is)
soil sample A	I observed that without water the sandy soil didn't work to make a ball or sausage but when water was added in it didn't make a difference and it would just slip out of your hands.	After collecting all the data I have found out that sample A is the sandy soil.
soil sample B	I observed that the loam soil without water didn't work because it would break apart when rolling it and making a sausage. But with water they both worked because they were a hardened material with the liquid.	with all the information I have gathered I have found that soil sample B is the loam soil.
soil sample C	The clay soil looked very good and made the shapes really well. Both shapes (ball and sausage)	I believe that the soil sample C is the clay soil.

	worked with or without water in conclusion both of these shapes worked.	
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