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SOIL CROSSWORD

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| **Across**  **4.** How much water the soil will allow through  **6.** also knowthe parent material. unweathered solid rock bneath all layers.  **7.** Largest particle dries quicl;y and texture is rough and gritty.  **9.** non living particles in soil  **15.** Depends on how many pores and the size of the pores  **18.** influenced by the amount of proteins present in the soil  **19.** the break down of rock and minerals by rain, acid, salt, wind, and temperature into sediments  **21.** loose soil that is rich in organic material needed by plants  **22.** minerals or substances that occur in nature and can be used for economic gain.  **24.** the extraction of valuable minerals or geological materials from the earth.  **25.** when a mine is no longer being used, the land should be restored to its former state or better.  **26.** a natrual resource that we need to use carefully because it cannot be replaced quickly and we will run out.  **27.** used to identify different types of soil  **28.** What the soil is composed of air, water, nutrients, and orgainic matter | **Down**  **1.** Mixture of sand, silt, and clay. Best type of soil for growing plants.  **2.** Mixture of rock, minerals, and organiz matter  **3.** a natural resource that can be replaced quickly enough so that we will not run out  **5.** slightly broken up rock. plants roots cannot go through this layer. Mostly inorganic.  **8.** soil layers; more mature soil has more horizons  **10.** Medium sized particles, texture is smooth and powdery when dry and slippery when wet.  **11.** hydrocarbons created from the remains of formerly living organisms used for energy.  **12.** the proccess by which the surface of the earth is worn away by the action of water, glaciers, winds, waves, ext.  **13.** rich in minerals that are wased down in minerals that are wased downfrom topsoil by rain  **14.** Mostly made of decaying leaves, twigs, and animal remains/waste  **16.** a natrual material with a high concentation of metals and valuable materials that can be extracted for a profit.  **17.** smallest particle; smooth and hard as stone when dry and sticky when wet  **20.** Relative proportions of sand, silt, and clay  **23.** living particles in soil |