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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 |