

Silty soil - it is composed of clay, mud, or small rocks deposited by a lake or river. It is made up of much smaller particles compared to sandy soil and when moistened it forms a soapy slick

Sandy soils - it is pale yellowish to yellowish brown in colour and are one of the poorest types of soil. Sandy soil is composed of loose coral or rock grain materials and has a dry and gritty touch. Sandy soil is also grouped as one of the soils composed of the largest particles which prevent it from retaining water

Importance of Soil

Soil plays a vital role in the Earth's ecosystem. Without soil human life would be very difficult. Soil provides plants with foothold for their roots and holds the necessary nutrients for plants to grow. it filters the rainwater and regulates the discharge of excess rainwater, preventing flooding. it is capable of storing large amounts of organic carbon. it buffers against pollutants, thus protecting groundwater quality. it provides Man with some essential construction and manufacturing materials, we build our houses with bricks made from clay, we drink coffee from a cup that is essentially backed soil (clay). it also presents a record of past environmental conditions.

Soil functions are general capabilities of soils that are important for various agricultural, environmental, nature protection, landscape architecture and urban applications.