

SOIL OUTLINE

Name _____ Date _____

Bedrock

- Unbroken solid rock _____ in the earth.

- Soil texture that has the smallest soil particles - .002 mm or less

Clod

- A clump or mass of _____.

Compaction

- The process of soil particles being pressed together and removing the _____ between.

Erosion

- The wearing away to the surface of the earth by factors of _____, water, etc.

Horizon

- A specific layer of soil in a _____ cross section of land.

Leaching

- The process of _____ substances by water

Loamy Soil

- A rich soil containing an _____ mixture of sand and silt and smaller amounts of clay.

Mineral Matter

- _____ organisms such as rocks that contain minerals.

- The mineral or organic material from which the true soil is made.

Percolation

- To cause something such as _____ to pass through small holes or pores.

- Having pores or openings that permit liquids or gases to pass through.

pH

- A measure of the strength of _____ or a base.
- The pH scale commonly in use ranges from 0 to 14, 7 being _____.

Profile

- The order of soil _____.

Sand

- Fine rocks, consisting of small grains, often of _____.

Sandy Soil

- A mixture of _____ grains mixed with soil particles.
- Water can travel more quickly through sandy soil because of sand's irregular shape allowing _____ between particles.

- Material in size between sand and clay usually deposited as a sediment.

Slope

- The natural or man-made feature in the earth where the ground has an _____
_____; such as on a hill or mountain.

Soil Aggregates

- The formation of _____ soil.

Soil Horizons

- A layer in the soil that has different _____ from the layers surrounding.

Soil Ped

- A single piece or _____ of soil

Subsoil

- The layer of earth below the _____.

Topsoil

- The up most part of the soil, usually the most _____.

Texture

- The physical _____ of the soil.
- Examples: rough, gritty

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- The physical features of the land.

