

## 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, est.

### 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.

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- 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.

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- 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.

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- 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.

