

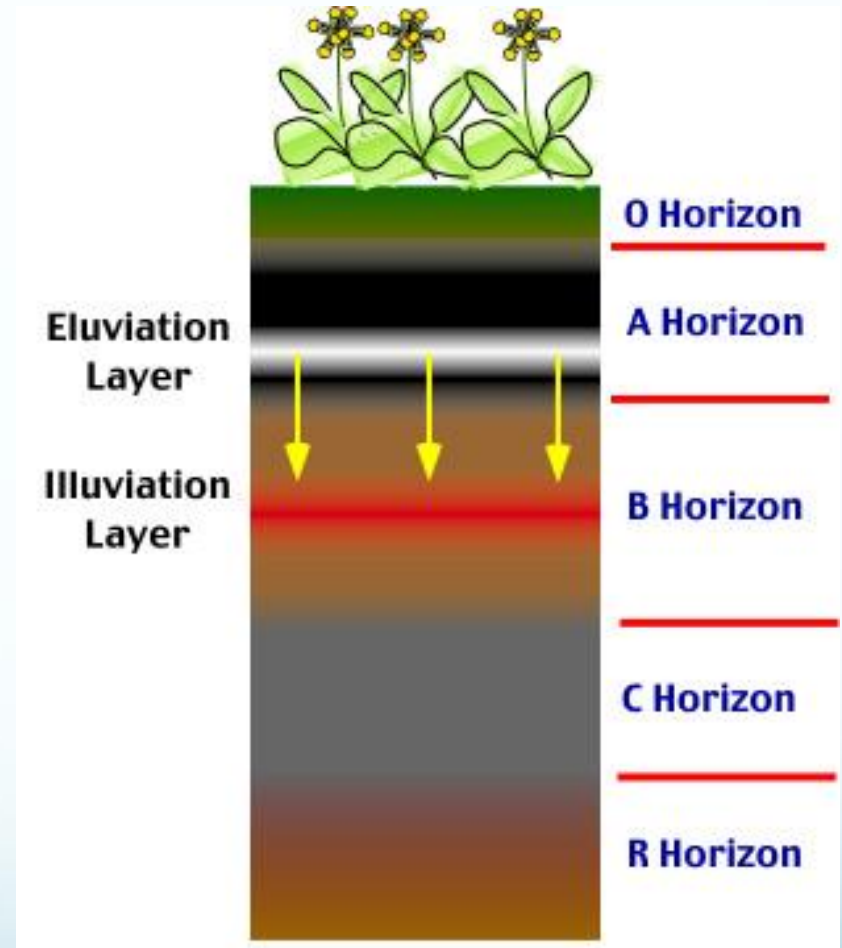
# Soil

- A mixture of weathered rock, organic material, water, and air that is capable of supporting life.



# Soil Horizons

- Soil is made up of layers known as horizons.



# Horizon O

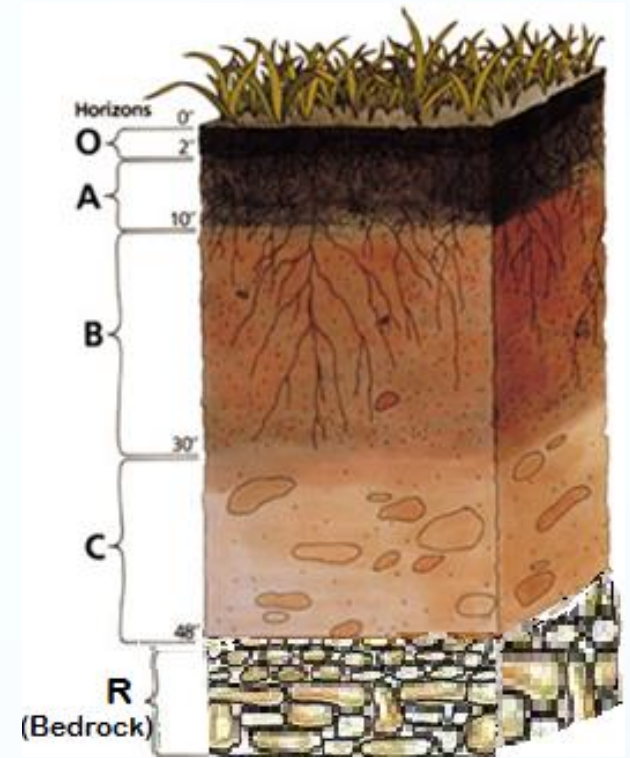
- Top Layer of Soil
- Thin Layer
- Contains loose and partly decayed ORGANIC matter





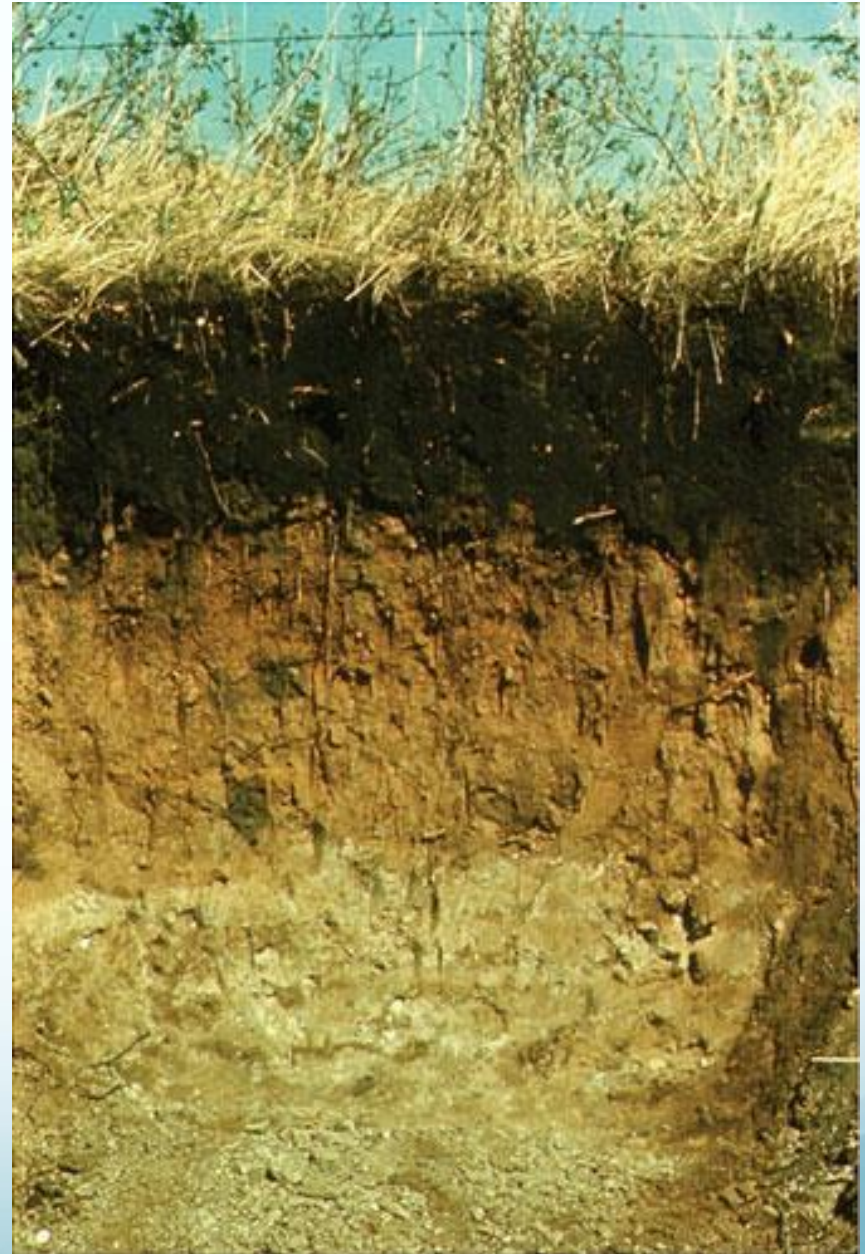
# Horizon A

- ⦿ Minerals mixed with Humus.
- ⦿ Humus- dead organic material.
- ⦿ Includes roots of plants, burrowing animals & insects.
- ⦿ Darker soil



# Horizon B

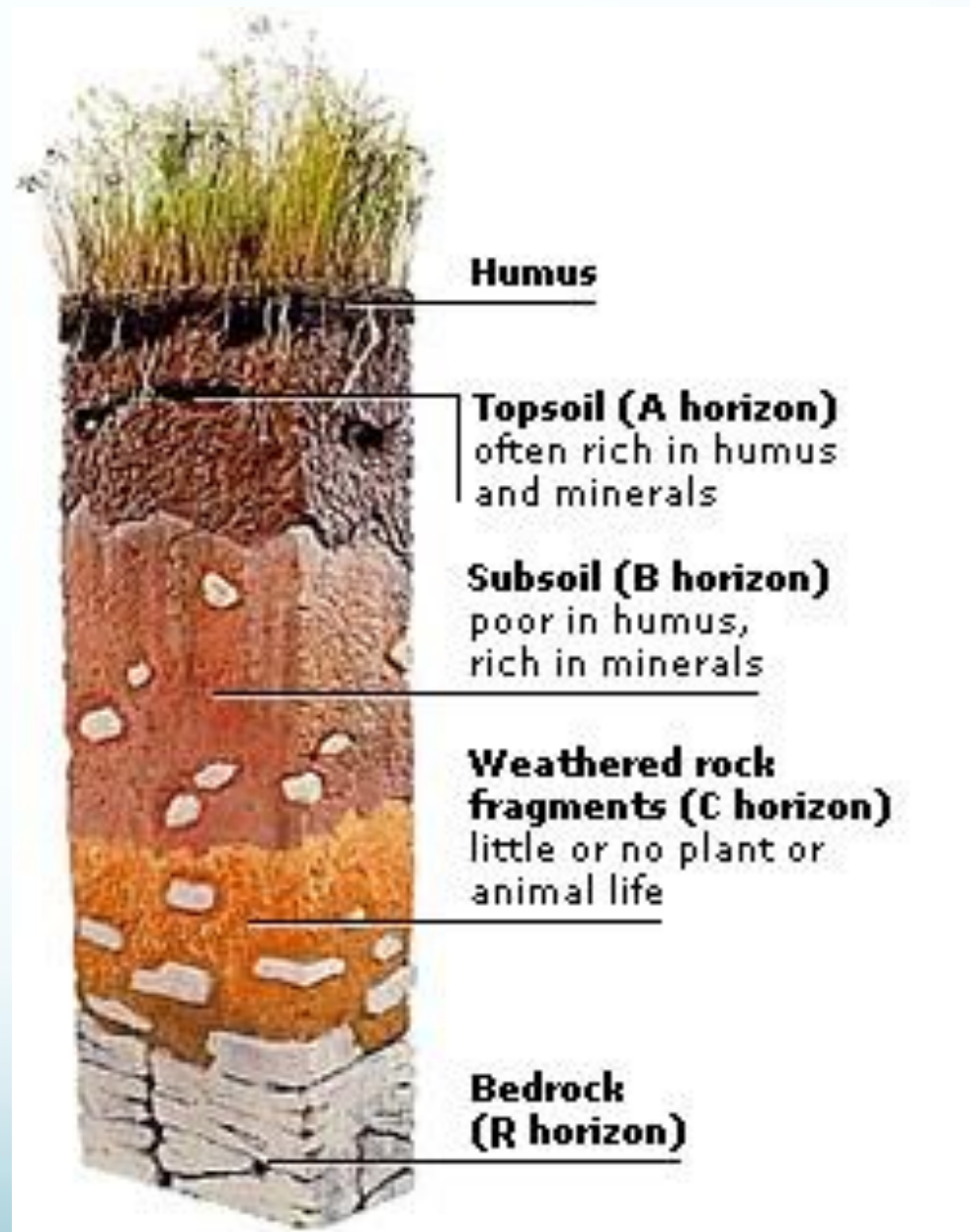
- The layer of soil mostly composed of clay and bits of weathered rock.
- Roots of trees will stretch to this layer to get water.
- Often called the subsoil.





# Horizon C

- The layer that contains large unweathered rock.



# Bedrock- Horizon R

- Solid, unweathered bottom layer of rock.



# The Importance of Soil

- The nutrients in soil allows for the support of plant and animal life. Without it, plants could not grow.

