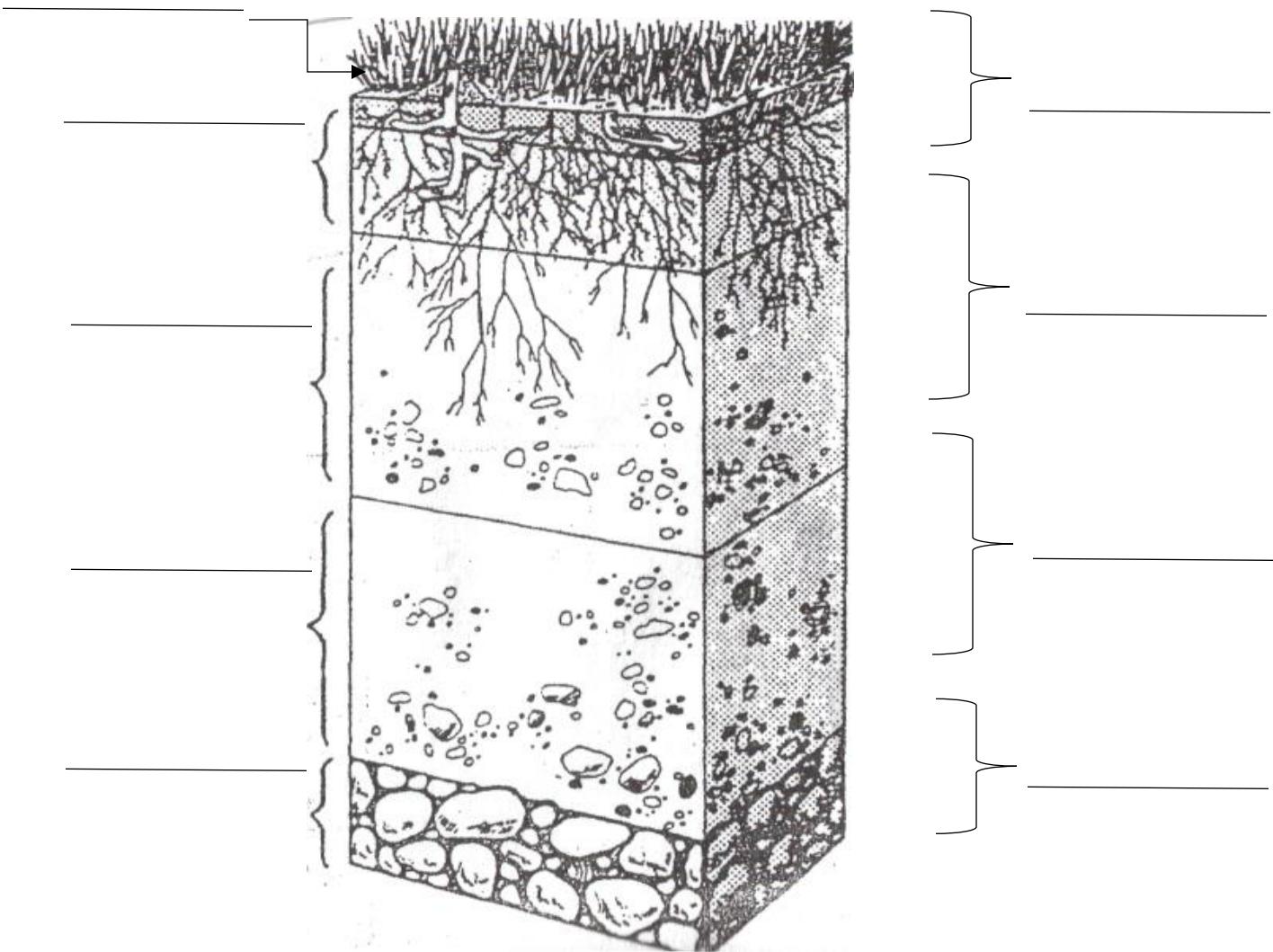


Soil Horizon Notes

Soil Layers

Horizon Levels



What is a soil horizon?

_____ is a side profile of the _____ of _____.

_____ is divided in _____ layers but also includes

the _____ above and _____ for a total of _____ layers.

What is the O Horizon (aka litter)

It is not really a _____ of _____. It lays on top of the

_____ layer of _____. It contains _____,
_____ and _____.

What is the A Horizon? (aka top soil)

It is the _____ of soil and contains

_____, plant roots, _____, water and

_____ for plant growth. The darker this level, the more _____

it contains.

What is the B Horizon? (aka subsoil)

It is the _____ layer of _____ and is lighter in color (more of a

_____. There are fewer _____ and

_____. Limited _____ growth.

What is the C Horizon? (aka parent material)

This is the _____ layer of _____. It is the lightest in color –

_____ and contains no _____, animals or

_____. Consists of mostly

rock and _____.

What is the R Horizon? (aka bedrock)

Below the _____ layer of _____. It is composed of

mostly _____ that has not been broken down yet.

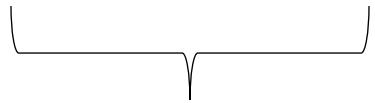
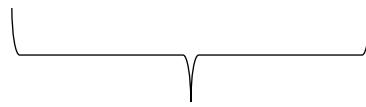
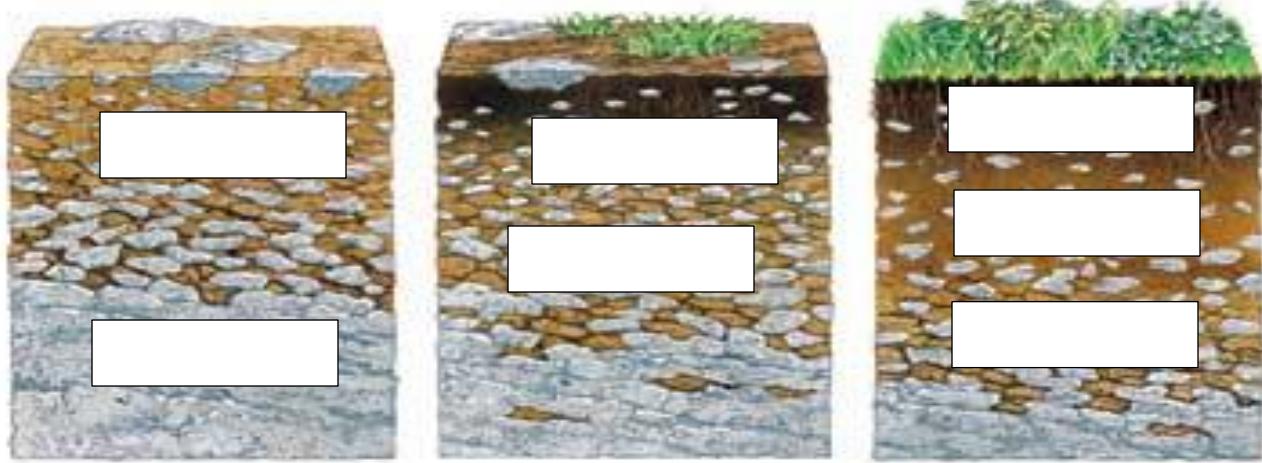
There is no _____ in this layer.

How is soil formed?

From the _____ (breaking down) of _____.

Soil forms _____ in warm and wet _____.

Soil forms _____ in cold and dry _____.



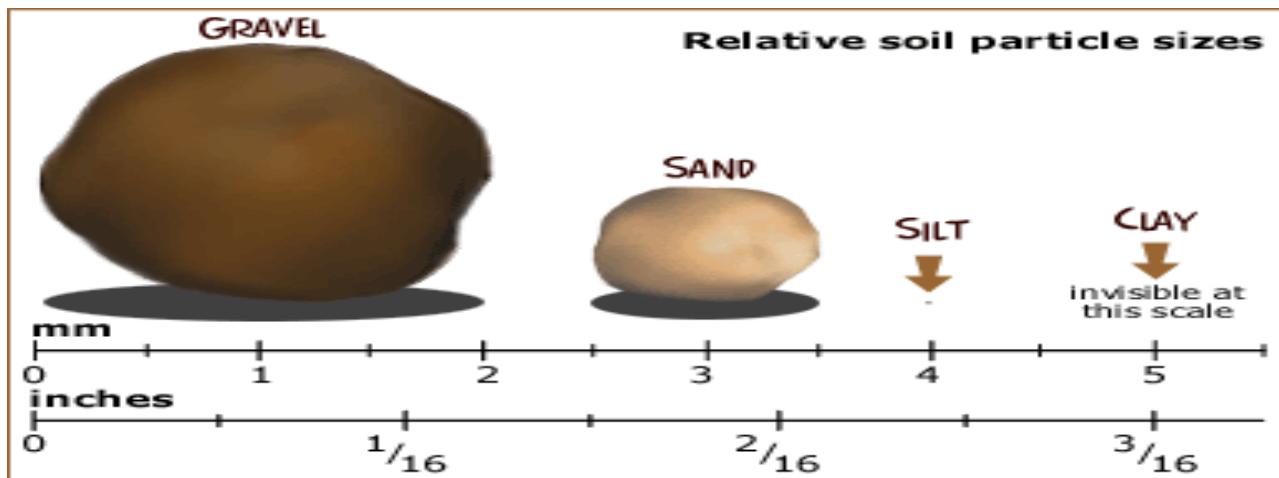
C Horizon forms 1st from weathered rock

A Horizon forms 2nd as weathered
rock mixes with nutrients & organisms

B Horizon forms last as larger
sediment settles & shifts down

What are the characteristics of soil?

Soil is made up of a combination of the particles of gravel, sand, silt and clay and then mixed with organic materials.



Texture: _____

Particle Size: mixture of _____

pH: _____

Water retention: _____

Viability: _____

