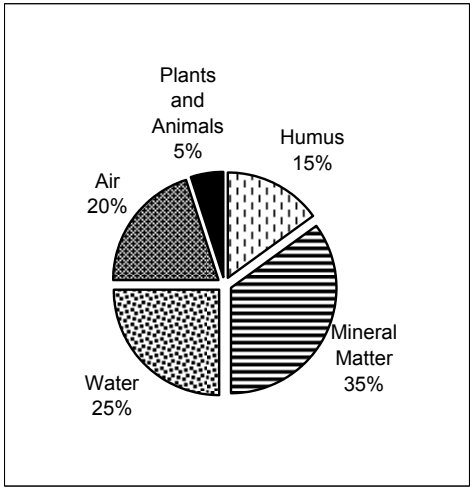



Vegetation → Plant remains → Bacteria, Worms → Rock

Air & Water & Micro-Organisms & Humus & Mineral Matter → Composition

Erosion of Rocks & Vegetation & People ← Climatic Conditions, Seeds, Fertilization → Formation

Composition, Formation → **SOIL**

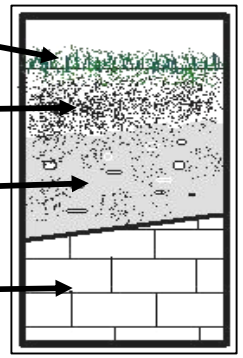
Erosion → Forest Clearance → Over grazing → Erosion by water → Gullies → Dust Bowl

SOIL → Fertility → Depth → Water → Air → Plant Nutrients

Lime, Calcium, Nitrogen

SOIL → TYPES

- Podzols → Coniferous → Poor Humus → High Rainfall → Leaching → Hard Pan → Grey → Infertile → Poorly Drained
- Brown Soil → Deciduous Forest → Rich Humus → Moderate Rainfall → Little Leaching → No Hard Pan → Dark brown → Fertile → Well Drained
- Tropical Red Soil → Rain Forests → Little Humus → Hot, Moist Climate → Deep Soils → Hard Pan → Fertility

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