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Assignment

1. Lithification can be defined as the process or processes by unconsolidated into materials are converted into coherent solid rock ,as by compaction or cementation .
2. Compaction can be defined as the process by which the porosity of a given form of sediment is decreased as a result of its mineral grains being squeezed together by weight of overlying sediment or by mechanical means.
3. Cementation is a process of surrounding a solid with a powder and heating the whole s o that the solid is changed by chemical combination with powder.
4. Induration is localized hardening of soft tissue of the body .the area becomes firm ,but not as hard as bone.

Examples of diagenesis

1. Unconsolidated sand to sandstone rock
2. Carbonate sediments change to limestone
3. Dolomite evaporate deposites become evaporate rock such as gypum and salt rock.