Ashur university collage

Dept. of Biology

First-year

General geology

Lab. 3

Assist. Lecturer. Al-Hassan Talib

Sedimentary rocks

sedimentary rocks are a type of rock that are formed by the accumulation and consolidation of sediment or organic matter. Sediment can include pieces of rock, mineral grains, shells, and other organic materials like plants and animals.

There are three main types of sedimentary rocks: **clastic**, **chemical**, and **organic**.

Clastic sedimentary rocks are formed from the accumulation of broken fragments of pre-existing rocks. which are transported and deposited by water, wind.

Chemical sedimentary rocks are formed from the precipitation of minerals from a solution, typically in water.

Organic sedimentary rocks are formed from the accumulation of organic material, such as plant debris, shells, and other biological material.

Sedimentary rocks are important because they provide clues about the geological history of the Earth, including information about past environments, climate, and the evolution of life. They also contain valuable resources, such as oil, gas, and minerals.



Sand stone



Conglomerate



Limestone



chert



Coal



Dolomite