

Topic 10 Summary

Deposition

Vocabulary

Barrier Island
Deposition
Drumlin

Kettle Lake
Moraine
Outwash Plain

Sand Dune
Sorted Sediments
Unsorted Sediments

Factors Causing Deposition

Velocity of an Erosional System and Rate of Deposition

Characteristics of Sediments and Rate of Deposition
Size

Shape

Density

Sorting of Sediments and Deposition

Unsorted Glacial and Mass Movement Deposits

A Model of an Erosional-Depositional System

Energy Transformations in the Model System

Erosion and Deposition in Relation to Energy Changes

Erosional-Depositional Interfaces

Dynamic Equilibrium of an Erosional System

Characteristic Features of the Chief Depositional Agents

Deposition by Streams

Deposition by Glaciers

Deposition on Coastlines by Water Waves and Currents

Deposition by Wind

Deposition by Mass Movement