

SEDIMENTOLOGY

1. Sedimentary textures –classification of clastic sedimentary rocks
2. Orthochemical Sediment
3. Sedimentary structures – stratification and bedforms (bedding, bedforms, cross-lamination, irregular stratification), bedding-plane markings
4. Continental environments: characteristic and type of sediments of alluvial fans, fluvial and floodplains,
5. Continental environments: characteristic and type of sediments of lakes
6. Continental environments: characteristic and type of sediments of glacial
7. Continental environments: characteristic and type of sediments of aeolian deposits
8. Deltaic Depositional Systems.
9. Marginal marine environments: beach, barrier island, estuaria, lagoons, tidal flats
10. Marine environments: siliciclastic shelf, deep-water environments.
11. Marine environments: carbonate and evaporic environments.
12. Marine environments: pelagic deposits