











Q: Where? What? How? Igneous Rocks (Basalt) from the North Shore: Gooseberry Falls State Park Lava cooling/crystalizing at the surface of an ancient divergent plate boundary called the Midcontinent rift.















| Sediment | Sedimentary Rock | Where the sediment |
|--|------------------|---|
| Gravel | Conglomerate | Alluvial fans, river channels, |
| Sand | Sandstone | wave-swept coastlines Desert dunes, river channels, shorelines, deltas, shallow seas |
| Mud | Shale | Lakes, river floodplains, tidal flats, distal deltas, deep sea |
| Shells and Lime mud | Limestone | Warm shallow seas |
| CaCO32 produced by marine plankton | Chalk | Deep sea |
| SiO2 produced by marine plankton | Chert | Deep sea |
| Woody plant matter Peat | Coal | Swamps |
| Salt | Rock salt | Lagoons or Marginal seas in horse latitudes |



