

STEPS IN THE FORMATION OF SEDIMENTARY ROCKS

STEP 1		STEP 2		STEP 3		STEP 4		PRODUCT
WEATHERING		TRANSPORTATION		DEPOSITION		LITHIFICATION		ROCK TEXTURE
Mechanical	→	As Particles 1. In Suspension 2. In Bed Load (a) saltation (b) rolling (c) sliding	→	By Settling	→	Cementation or Compaction or Desiccation	→	Detrital: Aggregates of individual grains
Chemical	→	in Solution	→	By Evaporation or By Chemical Reaction or By Organic Activity	→	Crystallization	→	Chemical or Bio-chemical: Interlocking crystals, ooids, or biochemical grains.