

Classification of Carbonate Rocks

Allochthonous Limestone (formed by accumulation)						Autochthonous Limestone (formed <i>in situ</i>)		
Less than 10% >2mm components				Greater than 10% >2mm components				
Contains lime mud (<0.03 mm)			No lime mud	Matrix supported		Supported by grains coarser than 2 mm	By organisms that build a rigid framework	By organisms that encrust and bind
Mud supported		Grain supported						
Less than 10% grains	Greater than 10% grains							
						Boundstone		
Mudstone	Wackestone	Packstone	Grainstone	Floatstone	Rudstone	Framestone	Bindstone	

Modified from Dunham (1962) and Embry & Klovan (1972)