Chemical. CaCO ₃ . Interlocking texture, crystals too fine to see. Light brown, grey, or white.	Chemical. CaCO ₃ . Layers of crystals – formed from evaporation of water.		
Chemical. SiO ₂ . Interlocking texture, crystals too fine to see. White, red, brown, black, or green.	Chemical. SiO ₂ . Occurs as black nodules, usually surrounded by powdery white rind.		
Clastic. Organic. CaCO ₃ . WHITE (usually); Macroscopic gravel-sized shell fragments; Loosely cemented; porous.	Clastic. Organic. CaCO3. WHITE (usually); Macroscopic sand-sized shell fragments; Loosely cemented; porous.		
Clastic. Organic. CaCO ₃ . WHITE (usually); Microscopic mud-sized shell fragments; Loosely cemented; porous.	Clastic. Organic. SiO ₂ . WHITE (usually); Macro/microscopic shell fragments. Loosely cemented; porous.		
Clastic. Detrital. Mud-sized grains. Compact (does break along layers).	Clastic. Detrital. Mud-sized grains. Massive (doesn't break along layers).		
	Clastic. Detrital. Sand-sized grains. K-feldspar is abundant, giving the rock a red appearance.		
Clastic. Detrital. Sand-sized grains. Quartz is the dominant grain. No K-feldspar.	Clastic. Detrital. Sand-sized grains. Grains consist dominantly of rock fragments.		
Clastic. Detrital. Gravels, sands, and muds. Poorly sorted. Grains are angular.	Clastic. Detrital. Gravels, sands, and muds. Poorly sorted. Grains are rounded.		

Limestone (Crytalline or Evaporitic Limestone)	Limestone		
Chert (Flint)	Chert		
Limestone (Calcarenite)	Limestone (Coquina)		
Diatomite (Chert)	Chalk (Limestone)		
Mudstone	Mudstone (Shale)		
Sandstone (Arkose)			
Sandstone (Greywacke)	Sandstone (Quartz Sandstone)		
Conglomerate	Breccia		