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SEDIMENTARY ROCK IDENTIFICATION FLOW CHART

Sedimentary Rock to Identify

TEXTURE	COLOR	SPECIAL FEATURES	ROCK NAME	ROCK PHOTO
No Crystals	Black	Light weight, Shiny	**Bituminous Coal**	
	Tan	Made of pieces of shells	**Coquina**	
Fine-Grained	Dark Black, Gray	Easily splits into layers	**Shale**	
	Light Tan, White, Pink, Gray, Yellow, Brown	Fragile - Will break when squeezed	**Loess**	
		Fizzes when an acid (vinegar) is dropped on the surface; smooth surface	**Limestone**	
		Fizzes when an acid is dropped on the surface / Oolites present (Many small round grains)	**Oolitic Limestone**	
		Feels Gritty	**Siltstone**	
Medium to Coarse Grained	Range of Light to Dark / Color depends on minerals present	Large, round grains surrounded by fine grained rock	**Conglomerate**	
	Light / Gray, Pink, Red, White, Yellow	Made of Quartz / Can look layered sometimes - smaller grains than Arkose	**Sandstone**	
		Made of Pink & White minerals / Very little Quartz, larger grains than sandstone	**Arkose**	