

# IDENTIFYING SEDIMENTARY ROCKS

## CLASTIC

(Visible Particles Deposited as a Result of Erosion)

## CHEMICAL

(Pudding-Like Oozes Precipitated in Water)

## ORGANIC

(Formerly Plant or Animal Life)

## EVAPORITES

(Salts Left When Water in a Basin Evaporates)

PREVIOUS SEDIMENT	Rounded Gravel	Coarse Sand	Sand	Fine Sand	Mud	Lime (CaCO <sub>3</sub> )	Silica (SiO <sub>2</sub> )	Plant Remains	Shells	Micro-Fossils	Concentrated Solutions (NaCl)	Concentrated Solutions (CaSO <sub>4</sub> )
APPEARANCE	[Visual representation of sediment particles]					[Visual representation of lime]	[Visual representation of silica]	[Visual representation of plant remains]	[Visual representation of shells]	[Visual representation of micro-fossils]	[Visual representation of NaCl]	[Visual representation of CaSO <sub>4</sub> ]
LITHIFICATION (How Made Into Solid Rock)	Cemented By One or More of the Following: Silica, Calcite, Hematite, Clays					Compacted	Crystallized	Compacted	Cemented		Crystallized	
ADDITIONAL CLUES	Pebbles	Unsorted Sand	Clean Sands		Earthy Odor	Will Fizz in HCl	Will Scratch Glass	Black and Blocky	Usually Broken Fragments	Microscopic Shells	Salty Taste	Softer Than Fingernail
SPECIMEN AND ROCK NAME	Conglomerate		Sandstone	Shale		Chert	Bituminous Coal	Chalk		Halite		
		Arkosic Sandstone	Fine Sandstone			Limestone		Coquina				Gypsum

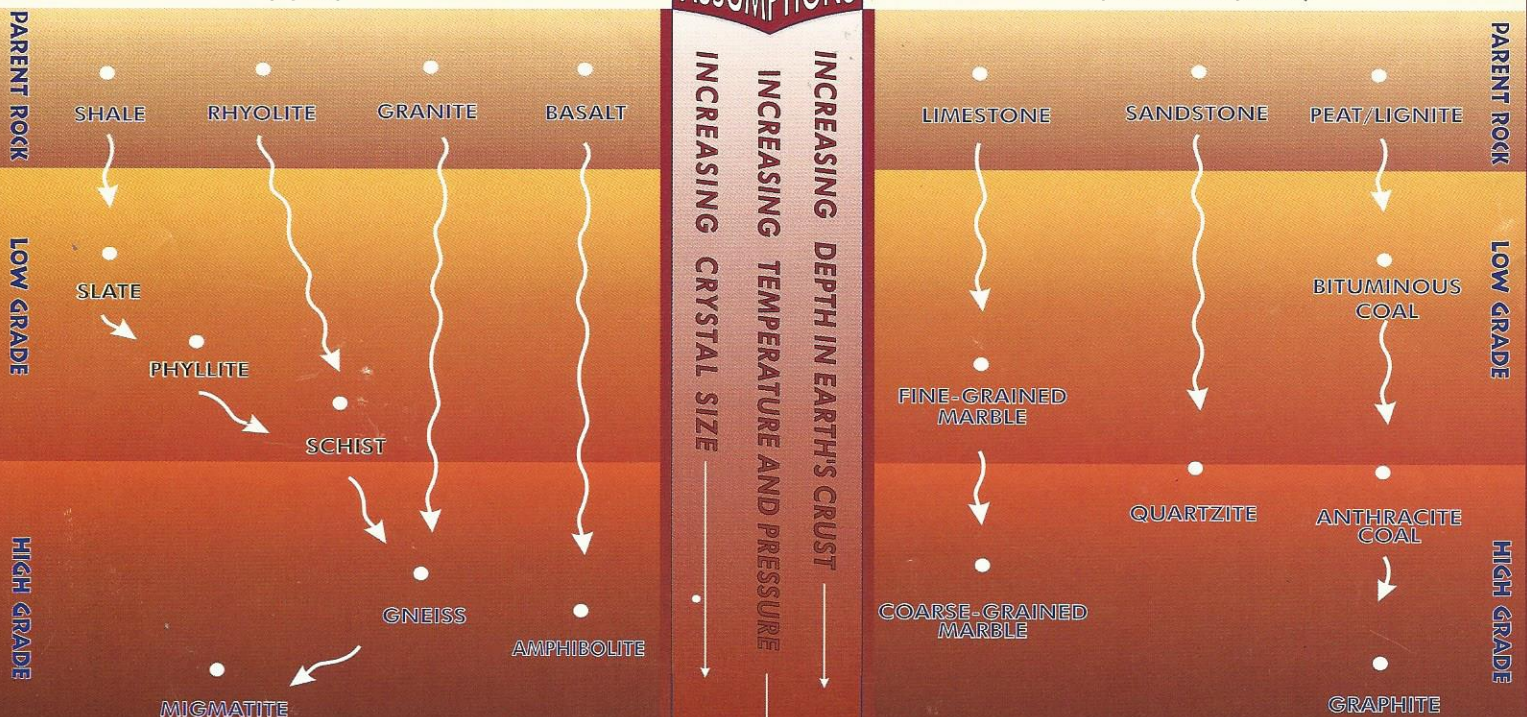


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# IDENTIFYING METAMORPHIC ROCKS

## FOLIATED (layered)

## NON-FOLIATED (in hand-sized specimen)



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