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METAMORPHIC ROCK IDENTIFICATION FLOW CHART

Metamorphic Rock to Identify	TEXTURE	COLOR	SPECIAL FEATURES	ROCK NAME	ROCK PHOTO
	No Crystals	Black	Light weight, Shiny	**Anthracite Coal**	
	Fine-Grained	Dark Black, Gray, Green, Red, Brown	Can not break into sheets, can sometimes be light colored, looks like a solid block	**Hornfels**	
			Can be broken into sheets, looks like it has layers	**Slate**	
		Light to Medium Gray, Silver, Brown	Many black & brown mica mineral crystals; may look shiny	**Mica Schist**	
			Individual garnet crystals present in rock (is the same as mica schist but also has garnets)	**Garnet Schist**	
			Very small grains, looks like it has layers or sheets	**Phyllite**	
	Medium to Coarse Grained	Dark Green	May appear speckled with crystals of light colored minerals	**Amphibolite**	
		Medium / Gray, White, Pink, Red	Bands of black minerals are present	**Gneiss**	
		Light / White, Pink, Yellow, Brown, Green	Limestone / Calcite original rock will fizz when an acid (vinegar) is dropped on the surface	**Marble**	
			Mostly white from pure quartz mineral, may have some small amount of other minerals (does not fizz)	**Quartzite**	