






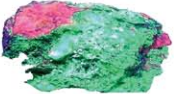











 GEODE		 Resinous Luster	 Hexagonal Crystals	 Tetragonal Crystals	 Isometric Crystals	 Orthorhombic Crystals	 Monoclinic Crystals	 Twinned Crystals	 Mineral Streak	 3 Direction Cleavage	 2 Directional Cleavage	
 Metallic Luster	 Dull Luster	 Fluorescence	 Glassy Luster	 Magnetism	 Pearly Luster	<div>  The Game of Mineral Properties 2009 Amy C. Smith Photos by R.Weller/Cochise College Created for the Museum of Geosciences, Virginia Tech  </div>						<div>  1 Direction Cleavage </div> <div>  Conchoidal Fracture </div> <div>  Irregular Fracture </div> <div>  Low Specific Gravity </div> <div>  Mineral Color </div> <div>  High Specific Gravity </div>
 TRAPPED IN FOSSIL JUST ERODING		Hardness 10  Diamond	Hardness 9  Corundum	Hardness 8  Topaz	Hardness 7  Quartz	Hardness 6  Orthoclase Feldspar	Hardness 5  Apatite	Hardness 4  Fluorite	Hardness 3  Calcite	Hardness 2  Gypsum	Hardness 1  Talc	

How do fluorescent minerals look different in UV light than in normal light?

Show someone a mineral with your favorite luster, and tell him or her which luster it demonstrates.

Mineral Crystals are classified into groups with long, technical names based on their geometry. However, you can describe differences between the crystals of different minerals just by comparing their overall shapes!

The color of a mineral's streak is not always the same color as the mineral itself. For example, hematite produces a red streak. Which color would you initially expect hematite's streak to be, and why?

In the Moh's Hardness Scale, diamond is the hardest mineral (it can scratch glass), and talc is the softest (it is easily scratched with a fingernail). Based on this information, what products or tasks could diamond and talc be individually used for?

Specific gravity actually refers to the mineral's density. Which mineral looks denser, galena or fluorite?

Cleavage in a mineral displays straight, defined edges. How is conchoidal fracture different?