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| |  | | --- | |  | | *What are the characteristics of minerals (what do minerals have in common)?*   * Naturally Occurring * Solid * Definite chemical composition * Inorganic * Crystalline Structure   *How are minerals identified (properties used to identify minerals)?*   * Color * Streak * Luster * Density * Hardness * Crystal structure * Cleavage and fracture * Special properties   *How do minerals form?*   * From solution * Cooling magma or lava * Organic mineral   *How do geologist classify rocks?*   * Composition * Color * Texture * origin   *How do metamorphic rocks form*   * extreme heat * extreme pressure   What are the two types metamorphic rocks?  1. (banded): foliated  2. (not banded): nonfoliated  *How do sedimentary rocks form?*   1. Weathering 2. Erosion 3. Deposition 4. Compaction 5. cementation   *What are the three major types of sedimentary rocks?*  1. (rock fragments compacted): clastic  2. (remains of plants and animals compacted): organic  3. (dissolved minerals crystallize  and compacted): chemical  *Sand grains, pebbles, mud, shells, and leaves are all examples of:*  sediment    *What is the process that breaks up rock on Earth’s surface?*  weathering | |

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