Earth's surface by water or wind. Crystals. Basaltic Lava cooling into rock. The rate of cooling determines the causing physical and/or chemical changes.

...Banded Iron Formation sample. Field trip led by John W Shervais, Fall 2017. Near Schipper Campground, Rock Creek, ID (Miocene Epoch, c. 16-20 Ma).

...research expeditions, and by serendipitous circumstances. Moenkopi Formation (Triassic Period, c. 240 Ma).

...Limestone showing high frequency cyclicity, perhaps indicating ancient storm activity. Kaibab Limestone (Permian Period, c. 270 Ma).

...This nodular gypsum suggests arid conditions existing in a Jurassic seaway. This rock has experienced multiple deformation events over times.

...This popular decorative stone is known as Oakley Stone. heal damage by re-crystallization and tectonic fabric with isoclinal folds.

...Bedding in Limestone. Rhythmic Bedding in Limestone. Tufa mound. Concretion.

...bearing aluminosilicate iron ore. Oxygen is the result of a...