

Lithic

Materials

Metamorphic Quartzites and sedimentary Quartzites

Silicic absorption in sediments and permeable rocks by Hydrothermal action, Not necessarily a metamorphic conversion, but a conversion and alteration that renders and changes the sediments and rocks to have properties of isotorphism. In other words those that can be modified by flaking processes. Examples are: residual clays and impurities being altered into jaspers. Another is the silicification of metamorphic slates that respond to flaking.

Opal jells, common opal, Hydrophane opal and many other varieties.

The vast varieties of agates and chalcedonies and the combinations of layers of opal, agate and quartz in the same nodule of stone.

You have included a variety of testing procedures which are most comprehensive which caused me to think of one more that has not been explored and I think would have considerable possibilities

ce. 31.13.7