



Rocks

Arkose

Type:

Sedimentary; clastic.

Texture/Appearance:

Usually coarse-grained, sometimes with pebbles. Angular to subangular, poorly to moderately well-sorted sand grains. No Fossils.

Color:

Gray, pink or reddish.

Mineralogy/Chemistry:

Quartz with usually more than 25% feldspars (chiefly microcline) are the primary components with minor amounts of clay minerals, micas, iron oxide, and occasional small rock fragments. Cement is typically silica or calcite.

Occurrence/Use:

Derived from the degradation of granitic and gneissic rocks whose sediments are subsequently transported and deposited in a fluvial, lacustrine, or shallow marine environment. A largely current-deposited sandstone of continental origin associated with conglomerates containing granite clasts. Widespread occurrence, including the Triassic basins of the Eastern U.S.