

Sedimentary Rocks of Arkansas



Sandstone

A sedimentary rock composed primarily of sand-sized pieces of the mineral quartz. This sample is of Pennsylvanian age.

Collected from Searcy County, Arkansas



Conglomerate

A sedimentary rock composed of rounded fragments of other rocks. This sample is of Pennsylvanian age.

Collected from Searcy County, Arkansas



Shale

A sedimentary rock composed of very fine clay-sized sediments. This sample is of Ordovician age.

Collected from the Ouachita Mountains Region in Arkansas



Bauxite

A sedimentary rock formed by the weathering of syenite under tropical conditions. Bauxite is the state rock of Arkansas and an ore of aluminum. This sample is of Tertiary age.

Collected near Bauxite, Saline County, Arkansas.

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Kaolin

A sedimentary rock composed of aluminum, silicon and oxygen. It is used to make ceramic and as a filler in rubber, cosmetics and paper. This sample is Cretaceous in age.

Collected near Murfreesboro, Arkansas in the Gulf Coast Plain Region in AR



Dolostone

A sedimentary rock composed primarily of the mineral dolomite Will react slightly to acid. This sample is of Ordovician in age.

Collected from the Ozark Plateau Region in AR



Chert

A sedimentary rock made of quartz. Chert is abundant in limestone of northern Arkansas. This sample is Mississippian in age.

Collected from the Ozark Plateau Region in AR



Coal

A sedimentary rock composed of compressed plant remains. Used as a fuel and for making steel This sample is Pennsylvanian in age.

Collected from the Ouachita Mountain Region in AR

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Fossiliferous Limestone

A sedimentary rock composed primarily of the mineral calcite. This sample contains many fragments of crinoids and other marine invertebrate fossils. Will react to acid.

Collected from the Ozark Plateau Region in AR



Limestone

A sedimentary rock composed primarily of the mineral calcite. Will react to acid. This sample is of Mississippian age.

Collected from the Ozark Plateau Region in AR



Chalk

A sedimentary rock and is a fine-grained, soft variety of limestone. This sample is of Cretaceous age.

Collected from the Gulf Coastal Plain Region in



Novaculite

A sedimentary rock composed of microcrystalline quartz. Novaculite is used worldwide as a whetstone. This samples is of Mississippian-Devonian age.

Collected from the Ouachita Mountain Region in