

Igneous Rocks of Arkansas



Syenite

Predominately made of felspar minerals. No quartz. Intrusive igneous rock (formed from the cooling of magma beneath the Earth's surface) having a phaneritic texture. This sample is Cretaceous in age.

Collected from 3M quarry in Little Rock, AR



Breccia

An igneous rock composed of angular fragments of hornfels. The pink color in the matrix is the mineral feldspar. The sample also contains the dark biotite, a dark mica mineral. This sample is Cretaceous in age.

Collected from 3M quarry in Little Rock, AR



Carbonatite

This is a very rare calcite-rich igneous rock. The calcite will react to acid. This sample is of Cretaceous age.

Collected from the Wilson Mine at Potash Sulphur Springs, Garland County, AR



Lamproite

An igneous rock derived from deep within the mantle. This is the source of diamonds at the Crater of the Diamond State Park in Arkansas. This sample is Cretaceous in age.

Collected from Crater of the Diamond State Park, Murfreesboro, AR