

Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

Counties with Published Soil Surveys

Technical soil descriptions are located in the county soil survey descriptive legend.

Counties without Published Soil Surveys

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

This section includes:

- **(a) Classification of the soils**

Pulaski County, Missouri
 Classification of the Soils

Soil name	Family or higher taxonomic class
Bardley-----	Very-fine, mixed, active, mesic Typic Hapludalfs
Cedargap-----	Loamy-skeletal, mixed, superactive, mesic Cumulic Hapludolls
Claiborne-----	Fine-loamy, siliceous, mesic Typic Paleudults
Clarksville-----	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults
Doniphan-----	Clayey, mixed, mesic Typic Paleudults
Doniphan-----	Clayey, mixed, semiactive, mesic Typic Paleudults
Gasconade-----	Clayey-skeletal, mixed, superactive, mesic Lithic Hapludolls
Gatewood-----	Very-fine, mixed, active, mesic Oxyaquic Hapludalfs
Gepp-----	Very-fine, mixed, semiactive, mesic Typic Paleudalfs
Gunlock-----	Fine, mixed, active, mesic Typic Hapludalfs
Hartville-----	Fine, mixed, mesic Aquic Hapludalfs
Huntington-----	Fine-silty, mixed, mesic Fluventic Hapludolls
Kickapoo-----	Coarse-loamy, mixed, nonacid, mesic Typic Udifluvents
Lebanon-----	Fine, mixed, mesic Typic Fragiudalfs
Moniteau-----	Fine-silty, mixed, superactive, mesic Typic Endoaqualfs
Nolin-----	Fine-silty, mixed, mesic Dystric Fluventic Eutrochrepts
Ocie-----	Loamy-skeletal over clayey, mixed, semiactive, mesic Oxyaquic Hapludalfs
Plato-----	Fine, mixed, active, mesic Aquic Fragiudalfs
Poynor-----	Loamy-skeletal over clayey, siliceous, semiactive, mesic Typic Paleudults
Razort-----	Fine-loamy, mixed, mesic Mollic Hapludalfs
Udorthents-----	Udorthents
Viraton-----	Fine-loamy, siliceous, mesic Oxyaquic Fragiudalfs