

## 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**

Dent County, Missouri  
 Classification of the Soils

Soil name	Family or higher taxonomic class
Ashton-----	Fine-silty, mixed, mesic Mollic Hapludalfs
Atkins-----	Fine-loamy, mixed, acid, mesic Typic Fluvaquents
Bado-----	Fine, mixed, mesic Typic Fragiaqualfs
Clarksville-----	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults
Coulstone-----	Loamy-skeletal, siliceous, mesic Typic Paleudults
Doniphan-----	Clayey, mixed, mesic Typic Paleudults
Elkins-----	Fine-loamy, mixed, acid, mesic Typic Fluvaquents
Gladden-----	Coarse-loamy, siliceous, superactive, mesic Dystric Fluventic Eutrudepts
Hobson-----	Fine-loamy, siliceous, mesic Typic Fragiudalfs
Lebanon-----	Fine, mixed, mesic Typic Fragiudalfs
Midco-----	Loamy-skeletal, siliceous, nonacid, mesic Typic Udifluvents
Moniteau-----	Fine-silty, mixed, superactive, mesic Typic Endoaqualfs
Moniteau (bado)-----	Fine, mixed, superactive, mesic Typic Fragiaqualfs
Nixa-----	Loamy-skeletal, siliceous, mesic Glossic Fragiudults
Peridge-----	Fine-silty, mixed, mesic Typic Paleudalfs
Pope-----	Coarse-loamy, mixed, superactive, mesic Fluventic Dystrochrepts
Razort-----	Fine-loamy, mixed, mesic Mollic Hapludalfs
Sharon-----	Coarse-silty, mixed, acid, mesic Oxyaquic Udifluvents
Viraton-----	Fine-loamy, siliceous, mesic Oxyaquic Fragiudalfs
Westerville-----	Fine-silty, mixed, acid, mesic Aeric Fluvaquents
Wideman-----	Sandy, siliceous, mesic Typic Udifluvents