

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**

Hickory County, Missouri
 Classification of the Soils

Soil name	Family or higher taxonomic class
Ashton-----	Fine-silty, mixed, mesic Mollic HapludalFs
Barco-----	Fine-loamy, mixed, thermic Mollic HapludalFs
Barden-----	Fine, mixed, thermic Aquollic HapludalFs
Bardley-----	Very-fine, mixed, active, mesic Typic HapludalFs
Claiborne-----	Fine-loamy, siliceous, mesic Typic Paleudults
Crelton-----	Fine, mixed, active, mesic Oxyaquic FragiudalFs
Eldon-----	Clayey-skeletal, mixed, mesic Mollic PaleudalFs
Gasconade-----	Clayey-skeletal, mixed, superactive, mesic Lithic Hapludolls
Gepp-----	Very-fine, mixed, semiactive, mesic Typic PaleudalFs
Goss-----	Clayey-skeletal, mixed, active, mesic Typic PaleudalFs
Hartwell-----	Fine, mixed, thermic Typic Argialbolls
Knobby-----	Loamy-skeletal, mixed, superactive, mesic Lithic Hapludolls
Lebanon-----	Fine, mixed, mesic Typic FragiudalFs
McGirk-----	Fine, smectitic, mesic Chromic Vertic EndoaqualFs
Moniteau-----	Fine-silty, mixed, superactive, mesic Typic EndoaqualFs
Plato-----	Fine, mixed, active, mesic Aquic FragiudalFs
Racket-----	Fine-loamy, mixed, mesic Cumulic Hapludolls
Sampsel-----	Fine, montmorillonitic, mesic Vertic Argiaquolls
Verdigris-----	Fine-silty, mixed, thermic Cumulic Hapludolls