

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**

Daviess County, Missouri
 Classification of the Soils

Soil name	Family or higher taxonomic class
ARMSTRONG-----	Fine, montmorillonitic, mesic Aquertic Hapludalfs
BREMER-----	Fine, montmorillonitic, mesic Typic Argiaquolls
CHARITON-----	Fine, montmorillonitic, mesic Vertic Albaqualfs
EDINA-----	Fine, montmorillonitic, mesic Vertic Argialbolls
GARA-----	Fine-loamy, mixed, mesic Mollic Hapludalfs
GIFFORD-----	Fine, montmorillonitic, mesic Vertic Epiqualfs
GREENTON-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
GRUNDY-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
LAGONDA-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
LAMONI-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
LANDES-----	Coarse-loamy, mixed, mesic Fluventic Hapludolls
MANDEVILLE-----	Fine-loamy, mixed, mesic Typic Hapludalfs
NODAWAY-----	Fine-silty, mixed, nonacid, mesic Mollic Udifluvents
NORRIS-----	Loamy, mixed, acid, mesic, shallow Typic Udorthents
SAMPSEL-----	Fine, montmorillonitic, mesic Vertic Argiaquolls
SEYMOUR-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
SHELBY-----	Fine-loamy, mixed, mesic Typic Argiudolls
SNEAD-----	Fine, mixed, mesic Aquic Hapludolls
VANMETER-----	Fine, illitic, mesic Oxyaquic Eutrudepts
WABASH-----	Fine, montmorillonitic, mesic Cumulic Vertic Endoaquolls
ZOOK-----	Fine, montmorillonitic, mesic Cumulic Vertic Endoaquolls