

## 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**

St Louis County and St Louis City, Missouri  
 Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Ashton-----	Fine-silty, mixed, mesic Mollic HapludalFs
Blake-----	Fine-silty, mixed, superactive, calcareous, mesic Aquic Udifluvents
Booker-----	Very-fine, montmorillonitic, mesic Vertic Endoaquolls
Bremer-----	Fine, montmorillonitic, mesic Typic Argiaquolls
Clarksville-----	Loamy-skeletal, siliceous, active, mesic Typic Paleudults
Cridler-----	Fine-silty, mixed, active, mesic Typic PaleudalFs
Elsah-----	Loamy-skeletal, mixed, nonacid, mesic Typic Udifluvents
Eudora-----	Coarse-silty, mixed, mesic Fluventic Hapludolls
Fishpot-----	Fine-loamy, mixed, superactive, nonacid, mesic Aquic Udorthents
Freeburg-----	Fine-silty, mixed, active, mesic Aquic HapludalFs
Gasconade-----	Clayey-skeletal, mixed, superactive, mesic Lithic Hapludolls
Goss-----	Clayey-skeletal, mixed, active, mesic Typic PaleudalFs
Harvester-----	Fine-silty, mixed, superactive, nonacid, mesic Typic Udorthents
Haymond-----	Coarse-silty, mixed, superactive, mesic Dystric Fluventic Eutrochrepts
Iva-----	Fine-silty, mixed, mesic Aeric EndoaqualFs
Menfro-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
Nevin-----	Fine-silty, mixed, mesic Aquic Argiudolls
Orthents-----	Orthents
Parkville-----	Clayey over loamy, montmorillonitic, mesic Fluvaquentic Hapludolls
Sarpy-----	Mixed, mesic Typic Udipsamments
Union-----	Fine, mixed, mesic Typic FragiudalFs
Waldron-----	Fine, smectitic, active, calcareous, mesic Aeric Fluvaquents
Weller-----	Fine, montmorillonitic, mesic Aquertic Chromic HapludalFs
Wilbur-----	Coarse-silty, mixed, superactive, mesic Fluvaquentic Eutrochrepts
Winfield-----	Fine-silty, mixed, mesic Oxyaquic HapludalFs