

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**

Carter County, Missouri, Northern & Eastern Parts
 Classification of the Soils

| Soil name | Family or higher taxonomic class |
|------------------|--|
| Auxvasse----- | Fine, montmorillonitic, mesic Aeric Albaqualfs |
| Captina----- | Fine-silty, siliceous, mesic Typic Fragiudults |
| Clarksville----- | Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults |
| Elk----- | Fine-silty, mixed, mesic Ultic HapludalFs |
| Gasconade----- | Clayey-skeletal, mixed, superactive, mesic Lithic Hapludolls |
| Gladden----- | Coarse-loamy, siliceous, superactive, mesic Dystric Fluventic Eutrochrepts |
| Irondale----- | Loamy-skeletal, mixed, active, mesic Typic Hapludults |
| Midco----- | Loamy-skeletal, siliceous, nonacid, mesic Typic Udifluvents |
| Poynor----- | Loamy-skeletal over clayey, siliceous, semiactive, mesic Typic Paleudults |
| Secesh----- | Fine-loamy, siliceous, mesic Ultic HapludalFs |
| Wideman----- | Sandy, siliceous, mesic Typic Udifluvents |
| Wilderness----- | Loamy-skeletal, siliceous, mesic Typic FragiudalFs |