# 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**

Table 22.--Classification of the Soils

| Soil name | Family or higher taxonomic class |
|---|---|
| Alsup | Fine, mixed, active, mesic Oxyaquic Hapludalfs |
| Barco | Fine-loamy, mixed, active, thermic Humic Hapludults |
| Barden | Fine, mixed, active, thermic Aquollic Hapludalfs |
| Basehor | Loamy, siliceous, superactive, mesic Lithic Dystrudepts |
| Bolivar | Fine-loamy, mixed, active, thermic Ultic Hapludalfs |
| Bona | Clayey-skeletal, mixed, semiactive, mesic Typic Paleudolls |
| Cherokee | Fine, mixed, active, thermic Typic Albaqualfs |
| Cliquot | Fine, mixed, semiactive, mesic Oxyaquic Hapludults |
| Creldon | Fine, mixed, active, mesic Oxyaquic Fragiudalfs |
| Dameron | Fine-loamy, mixed, superactive, mesic Cumulic Hapludolls |
| Eldorado | Loamy-skeletal, mixed, active, thermic Typic Paleudolls |
| Gerald | Fine, mixed, active, mesic Aeric Fragiaqualfs |
| Goss | Clayey-skeletal, mixed, active, mesic Typic Paleudalfs |
| Hartville | Fine, mixed, active, mesic Aquic Hapludalfs |
| Hepler | Fine-silty, mixed, superactive, thermic Mollic Endoaqualfs |
| Hoberg | Fine-loamy, siliceous, active, mesic Oxyaquic Fragiudalfs |
| Hobson | Fine-loamy, siliceous, active, mesic Oxyaquic Fragiudalfs |
| Kanima | Loamy-skeletal, mixed, nonacid, thermic Alfic Udarents |
| Keeno | Loamy-skeletal, siliceous, active, mesic Oxyaquic Fragiudalfs |
| Moko | Loamy-skeletal, mixed, superactive, mesic Lithic Hapludolls |
| Parsons | Fine, mixed, active, thermic Mollic Albaqualfs |
| Pomme | Fine-loamy, mixed, semiactive, mesic Typic Paleudalfs |
| Secesh | Fine-loamy, siliceous, active, mesic Ultic Hapludalfs |
| Sonsac | Clayey-skeletal, mixed, active, mesic Typic Hapludalfs |
| Sturkie | Fine-silty, mixed, superactive, mesic Cumulic Hapludolls |
| Sylvania | Fine, mixed, active, thermic Oxyaquic Haplohumults |
| Verdigris | Fine-silty, mixed, superactive, thermic Cumulic Hapludolls |
| Viraton | Fine-loamy, siliceous, active, mesic Oxyaquic Fragiudalfs |
| Wanda | Fine-loamy, mixed, active, mesic Typic Paleudolls |
| Wilderness | Loamy-skeletal, siliceous, active, mesic Oxyaquic Fragiudalfs |
| Woodson | Fine, smectitic, thermic Abruptic Argiaquolls |