



Map Unit Description (Brief, Generated)

Chester County, South Carolina

[Minor map unit components are excluded from this report]

Map unit: MaB - Madison sandy loam, 2 to 6 percent slopes

Component: Madison (100%)

The Madison component makes up 100 percent of the map unit. Slopes are 2 to 6 percent. This component is on interfluves on piedmonts. The parent material consists of clavey residuum weathered from granite and gneiss. Depth to a root restrictive layer, bedrock, paralithic, is 40 to 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY820GA Acidic upland forest, moist ecological site. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Map unit: PaE - Pacolet sandy loam, 10 to 25 percent slopes

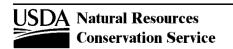
Component: Pacolet (88%)

The Pacolet component makes up 88 percent of the map unit. Slopes are 10 to 25 percent. This component is on interfluves on southern piedmonts. The parent material consists of residuum weathered from granite and/or residuum weathered from gneiss. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY820GA Acidic upland forest, moist ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Map unit: WkF - Wilkes sandy loam, 15 to 40 percent slopes

Component: Wilkes (100%)

The Wilkes component makes up 100 percent of the map unit. Slopes are 15 to 40 percent. This component is on interfluves on piedmonts. The parent material consists of loamy residuum weathered from hornblende gneiss. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY730SC Basic upland forest, depth restriction, dry ecological site. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria.



Survey Area Version: 21 Survey Area Version Date: 08/27/2024 Chester County, South Carolina

[Minor map unit components are excluded from this report]

Map unit: WnC - Winnsboro sandy loam, 6 to 10 percent slopes

Component: Winnsboro (100%)

The Winnsboro component makes up 100 percent of the map unit. Slopes are 6 to 10 percent. This component is on interfluves on piedmonts. The parent material consists of clavev residuum weathered from gneiss or schist. Depth to a root restrictive layer, bedrock, paralithic, is 40 to 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY720NC Basic upland forest, moist ecological site. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.