

Map Unit Description (Brief, Generated)

Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

[Minor map unit components are excluded from this report]

Map unit: 4 - Barx-Clapper complex, 3 to 12 percent slopes

Component: Barx (60%)

The Barx component makes up 60 percent of the map unit. Slopes are 3 to 12 percent. This component is on plateaus. The parent material consists of mixed material eolian deposits and/or mixed material residuum. 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 is high. 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 2 percent. This component is in the R034XY298CO Rolling Loam ecological site. Nonirrigated land capability classification is 4c. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 20 percent. The soil has a very slightly saline horizon within 30 inches of the soil surface. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Clapper (25%)

The Clapper component makes up 25 percent of the map unit. Slopes are 3 to 12 percent. This component is on plateaus. The parent material consists of material weathered from glacial till derived from basalt. 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 is low. 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 2 percent. This component is in the F034XY447CO Juniperus Osteosperma-Pinus Edulis/pleuraphis Jamesii ecological site. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 28 percent. The soil has a slightly sodic horizon within 30 inches of the soil surface.