

Map Unit Description (Brief, Generated)

Rio Blanco County Area, Colorado

[Minor map unit components are excluded from this report]

Map unit: 7 - Billings silty clay loam, 0 to 5 percent slopes

Component: Billings (85%)

The Billings component makes up 85 percent of the map unit. Slopes are 0 to 5 percent. This component is on terraces, valley floors. The parent material consists of calcareous silty alluvium derived from shale. 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 low. 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 0 percent. Nonirrigated land capability classification is 7s. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 20 percent. The soil has a slightly saline horizon within 30 inches of the soil surface. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map Unit Description (Brief, Generated)

Rio Blanco County Area, Colorado

[Minor map unit components are excluded from this report]

Map unit: 16 - Chipeta silty clay loam, 3 to 25 percent slopes

Component: Chipeta (85%)

The Chipeta component makes up 85 percent of the map unit. Slopes are 3 to 25 percent. This component is on toes, hills. The parent material consists of gypsiferous residuum weathered from calcareous shale. Depth to a root restrictive layer, bedrock, paralithic, is 5 to 20 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 is very 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 R034XY403CO Clayey Salt desert ecological site. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent. The soil has a moderately saline horizon within 30 inches of the soil surface. The soil has a slightly sodic horizon within 30 inches of the soil surface.