

Map Unit Description (Brief, Generated)

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

[Minor map unit components are excluded from this report]

Map unit: 7 - Ascalon-Pena complex, 6 to 25 percent slopes

Component: Ascalon (65%)

The Ascalon component makes up 65 percent of the map unit. Slopes are 6 to 12 percent. This component is on alluvial fans, valley sides. The parent material consists of alluvium derived from sandstone and 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 high. Available water to a depth of 60 inches is high. 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 2 percent. This component is in the R048AY292CO Deep Loam ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 6 percent.

Component: Pena (25%)

The Pena component makes up 25 percent of the map unit. Slopes are 6 to 25 percent. This component is on alluvial fans, valley sides. The parent material consists of calcareous alluvium derived from sandstone and 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 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 R048AY303CO Loamy Slopes ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 25 percent.