

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: 50 - Olney loam, 3 to 6 percent slopes

Component: Olney (85%)

The Olney component makes up 85 percent of the map unit. Slopes are 3 to 6 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 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 2 percent. This component is in the R048AY298CO Rolling Loam ecological site. Nonirrigated land capability classification is 3c. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 13 percent.