

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: 47 - Nihill channery loam, 6 to 25 percent slopes

Component: Nihill (85%)

The Nihill component makes up 85 percent of the map unit. Slopes are 6 to 25 percent. This component is on valley sides, alluvial fans. 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 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 1 percent. This component is in the R048AY298CO Rolling Loam 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 10 percent.