

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: 71 - Villa Grove-Zoltay loams, 15 to 30 percent slopes

Component: Villa Grove (50%)

The Villa Grove component makes up 50 percent of the map unit. Slopes are 15 to 30 percent. This component is on alluvial fans, mountainsides. The parent material consists of mixed alluvium. 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 3 percent. This component is in the R048AY238CO Brushy 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. The soil has a slightly saline horizon within 30 inches of the soil surface.

Component: Zoltay (40%)

The Zoltay component makes up 40 percent of the map unit. Slopes are 15 to 30 percent. This component is on mountainsides, alluvial fans. The parent material consists of mixed alluvium. 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 moderate. 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 4 percent. This component is in the R048AY238CO Brushy 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.

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Rifle Area, Colorado, Parts of Garfield and Mesa Counties

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Map unit: 69 - Vale silt loam, 6 to 12 percent slopes

Component: Vale (90%)

The Vale component makes up 90 percent of the map unit. Slopes are 6 to 12 percent. This component is on alluvial fans, benches, mesas. The parent material consists of calcareous eolian deposits. 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 3 percent. This component is in the R048AY292CO Deep Loam ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.