

Map Unit Description (Brief, Generated)

Weld County, Colorado, Northern Part

[Minor map unit components are excluded from this report]

Map unit: 5 - Ascalon fine sandy loam, 6 to 9 percent slopes

Component: Ascalon (85%)

The Ascalon component makes up 85 percent of the map unit. Slopes are 6 to 9 percent. This component is on plains. The parent material consists of calcareous loamy 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 2 percent. This component is in the R067BY002CO Loamy Plains 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 5 percent.