

Map Unit Description

Moffat County Area, Colorado

50 Cushool fine sandy loam, 3 to 12 percent slopes

Setting

Elevation: 6000 to 6800 feet
Mean annual precipitation: 11 to 13 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 75 to 95 days

Composition

Cushool and similar soils: 85 percent

Description of Cushool

Setting

Landform: Plateaus, hillslopes
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum derived from sandstone

Properties and Qualities

Slope: 3 to 12 percent
Depth to restrictive feature: 20 to 40 inches to Paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Salinity maximum: Non saline or very slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio maximum: 5.0
Available water capacity: Low (about 3.8 inches)

Interpretive Groups

Land capability (non irrigated): 4e
Ecological site: Rolling Loam (R034XY298CO)

Typical Profile

0 to 5 inches: fine sandy loam
5 to 14 inches: sandy clay loam
14 to 25 inches: fine sandy loam
25 to 29 inches: unweathered bedrock