

Map Unit Description

Rio Blanco County Area, Colorado

125 Walknolls extremely channery sandy loam, 4 to 25 percent slopes

Setting

Elevation: 5800 to 6800 feet
Mean annual precipitation: 8 to 12 inches
Mean annual air temperature: 45 to 49 degrees F
Frost-free period: 110 to 140 days

Composition

Walknolls and similar soils: 85 percent

Description of Walknolls

Setting

Landform: Hills
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Slope alluvium derived from sandstone

Properties and Qualities

Slope: 4 to 25 percent
Depth to restrictive feature: 8 to 20 inches to Lithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.20 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 30 percent
Gypsum maximum: 0 percent
Sodium adsorption ratio maximum: 10.0
Available water capacity: Very low (about 0.6 inches)

Interpretive Groups

Land capability (non irrigated): 7s
Ecological site: Semidesert Shallow Loam (Utah (R034XY233UT)

Typical Profile

0 to 2 inches: extremely channery sandy loam
2 to 7 inches: very channery sandy loam
7 to 14 inches: extremely channery sandy loam
14 to 18 inches: unweathered bedrock