

Map Unit Description

Rio Blanco County Area, Colorado

15 Castner channery loam, 5 to 50 percent slopes

Setting

Landscape: Uplands
Elevation: 6900 to 7800 feet
Mean annual precipitation: 15 to 18 inches
Mean annual air temperature: 39 to 42 degrees F
Frost-free period: 80 to 105 days

Composition

Castner and similar soils: 85 percent

Description of Castner

Setting

Landform: Ridges, mountainsides
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Residuum weathered from sandstone

Properties and Qualities

Slope: 5 to 50 percent
Depth to restrictive feature: 10 to 20 inches to Lithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 1.6 inches)

Interpretive Groups

Land capability (non irrigated): 7e

Typical Profile

0 to 7 inches: channery loam
7 to 11 inches: extremely channery loam, very cobbly loam, very channery sandy loam
11 to 17 inches: extremely channery loam, very channery sandy loam, very flaggy loam
17 to 21 inches: unweathered bedrock