

# 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