

# Map Unit Description

Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

29 Debeque very channery loam, 5 to 20 percent slopes

## Setting

Elevation: 5800 to 7500 feet  
Mean annual precipitation: 12 to 18 inches  
Mean annual air temperature: 40 to 45 degrees F  
Frost-free period: 85 to 110 days

## Composition

Debeque and similar soils: 85 percent

## Description of Debeque

### Setting

Landform: Stream terraces, alluvial fans, drainageways, mountains  
Landform position (two-dimensional): Toeslope  
Down-slope shape: Concave, linear  
Across-slope shape: Concave, linear  
Parent material: Green river shale formation alluvium and/or green river shale formation colluvium

### Properties and Qualities

Slope: 5 to 20 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 6.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 10 percent  
Gypsum maximum: 0 percent  
Available water capacity: Very low (about 2.7 inches)

### Interpretive Groups

Land capability (non irrigated): 6e  
Ecological site: Deep Loam (R048AY292CO)

### Typical Profile

0 to 4 inches: very channery loam  
4 to 7 inches: very channery sandy loam  
7 to 60 inches: extremely channery sandy loam