

# Map Unit Description

Weld County, Colorado, Northern Part

## 63 Tassel loamy fine sand, 5 to 20 percent slopes

### Setting

Elevation: 3500 to 6200 feet  
Mean annual precipitation: 12 to 19 inches  
Mean annual air temperature: 46 to 52 degrees F  
Frost-free period: 110 to 165 days

### Composition

Tassel and similar soils: 90 percent  
Minor components: 10 percent

### Description of Tassel

#### Setting

Landform: Plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Calcareous loamy residuum weathered from sandstone

#### Properties and Qualities

Slope: 5 to 20 percent  
Depth to restrictive feature: 10 to 20 inches to Paralithic bedrock  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 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 2.1 inches)

#### Interpretive Groups

Land capability (non irrigated): 6e  
Ecological site: Sandstone Breaks (R067BY056CO)

#### Typical Profile

0 to 7 inches: loamy fine sand  
7 to 19 inches: fine sandy loam  
19 to 23 inches: weathered bedrock

### Minor Components

#### Shingle

Percent of map unit: 5 percent

#### Rock outcrop

Percent of map unit: 5 percent