

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