

Map Unit Description

Weld County, Colorado, Northern Part

60 Shingle clay loam, 0 to 9 percent slopes

Setting

Elevation: 3600 to 5500 feet
Mean annual precipitation: 10 to 13 inches
Mean annual air temperature: 46 to 48 degrees F
Frost-free period: 110 to 140 days

Composition

Shingle and similar soils: 80 percent
Minor components: 20 percent

Description of Shingle

Setting

Landform: Breaks, ridges, plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous, clayey loamy residuum weathered from shale

Properties and Qualities

Slope: 0 to 9 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: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 2.1 inches)

Interpretive Groups

Land capability (non irrigated): 6s
Ecological site: Shaly Plains (R067BY045CO)

Typical Profile

0 to 4 inches: clay loam
4 to 11 inches: clay loam
11 to 15 inches: unweathered bedrock

Minor Components

Renohill

Percent of map unit: 10 percent

Thedalund

Percent of map unit: 5 percent

Keota

Percent of map unit: 5 percent