

Map Unit Description

Weld County, Colorado, Northern Part

57 Renohill-Shingle complex, 3 to 9 percent slopes**Setting**

Elevation: 3600 to 6200 feet
 Mean annual precipitation: 10 to 16 inches
 Mean annual air temperature: 46 to 48 degrees F
 Frost-free period: 100 to 160 days

Composition

Renohill and similar soils: 50 percent
 Shingle and similar soils: 35 percent
 Minor components: 15 percent

Description of Renohill**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: 3 to 9 percent
 Depth to restrictive feature: 20 to 40 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: Low (about 5.0 inches)

Interpretive Groups

Land capability (non irrigated): 4e
 Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 4 inches: fine sandy loam
 4 to 13 inches: clay
 13 to 29 inches: clay loam
 29 to 33 inches: unweathered bedrock

Description of Shingle**Setting**

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

Properties and Qualities

Slope: 3 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 classification (irrigated): 6s
 Land capability (non irrigated): 6s
 Ecological site: Shaly Plains (R067BY045CO)

Typical Profile

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

Minor Components

Midway

Percent of map unit: 8 percent

Tassel

Percent of map unit: 7 percent