

# Map Unit Description

Weld County, Colorado, Northern Part

## 55 Renohill fine sandy loam, 0 to 6 percent slopes

### Setting

Elevation: 3600 to 6200 feet  
Mean annual precipitation: 11 to 16 inches  
Mean annual air temperature: 46 to 48 degrees F  
Frost-free period: 100 to 160 days

### Composition

Renohill and similar soils: 85 percent  
Minor components: 15 percent

### Description of Renohill

#### Setting

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

#### Properties and Qualities

Slope: 0 to 6 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 5.4 inches)

#### Interpretive Groups

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

#### Typical Profile

0 to 5 inches: fine sandy loam  
5 to 18 inches: clay  
18 to 32 inches: clay loam  
32 to 36 inches: unweathered bedrock

### Minor Components

#### Shingle

Percent of map unit: 5 percent

#### Midway

Percent of map unit: 4 percent

#### Ulm

Percent of map unit: 3 percent

#### Other soils

Percent of map unit: 3 percent

# Map Unit Description

Weld County, Colorado, Northern Part

## 64 Terry sandy loam, 0 to 3 percent slopes

### Setting

Elevation: 4000 to 6500 feet  
Mean annual precipitation: 13 to 15 inches  
Mean annual air temperature: 46 to 48 degrees F  
Frost-free period: 120 to 180 days

### Composition

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

### Description of Terry

#### Setting

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

#### Properties and Qualities

Slope: 0 to 3 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 high (0.06 to 2.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 3.7 inches)

#### Interpretive Groups

Land capability (non irrigated): 4e  
Ecological site: Sandy Plains (R067BY024CO)

#### Typical Profile

0 to 5 inches: sandy loam  
5 to 17 inches: sandy loam  
17 to 32 inches: sandy loam  
32 to 36 inches: weathered bedrock

### Minor Components

#### Tassel

Percent of map unit: 8 percent

#### Vona

Percent of map unit: 6 percent

#### Olney

Percent of map unit: 6 percent

# Map Unit Description

Weld County, Colorado, Northern Part

## 65 Terry sandy loam, 3 to 9 percent slopes

### Setting

Elevation: 4000 to 6500 feet  
Mean annual precipitation: 13 to 15 inches  
Mean annual air temperature: 46 to 48 degrees F  
Frost-free period: 120 to 180 days

### Composition

Terry and similar soils: 85 percent  
Minor components: 15 percent

### Description of Terry

#### Setting

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

#### 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 high (0.06 to 2.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 3.7 inches)

#### Interpretive Groups

Land capability (non irrigated): 6e  
Ecological site: Sandy Plains (R067BY024CO)

#### Typical Profile

0 to 5 inches: sandy loam  
5 to 17 inches: fine sandy loam, sandy loam  
17 to 32 inches: fine sandy loam, sandy loam, gravelly sandy loam  
32 to 36 inches: weathered bedrock

### Minor Components

#### Tassel

Percent of map unit: 5 percent

#### Olney

Percent of map unit: 4 percent

#### Vona

Percent of map unit: 3 percent

#### Renohill

Percent of map unit: 3 percent