

Map Unit Description

Adams County Area, Parts of Adams and Denver Counties, Colorado

ReD Renohill loam, 3 to 9 percent slopes

Setting

Elevation: 4000 to 5600 feet
Mean annual precipitation: 12 to 14 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 125 to 155 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: 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 4.8 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 6e
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 4 inches: loam
4 to 23 inches: clay
23 to 28 inches: clay loam
28 to 32 inches: unweathered bedrock

Minor Components

Terry

Percent of map unit: 5 percent

Shingle

Percent of map unit: 5 percent

Samsil

Percent of map unit: 5 percent

Map Unit Description

Adams County Area, Parts of Adams and Denver Counties, Colorado

PIC Platner loam, 3 to 5 percent slopes

Setting

Elevation: 4200 to 5500 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 135 to 155 days

Composition

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

Description of Platner

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from mixed

Properties and Qualities

Slope: 3 to 5 percent
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: High (about 10.2 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 3e
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 9 inches: loam
9 to 18 inches: clay
18 to 49 inches: clay loam
49 to 60 inches: sandy loam

Minor Components

Ascalon

Percent of map unit: 10 percent

Colby

Percent of map unit: 5 percent

Stoneham

Percent of map unit: 5 percent

Map Unit Description

Adams County Area, Parts of Adams and Denver Counties, Colorado

UIC Ulm loam, 3 to 5 percent slopes

Setting

Elevation: 4000 to 5600 feet
Mean annual precipitation: 12 to 14 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 125 to 155 days

Composition

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

Description of Ulm

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum weathered from sandstone and shale

Properties and Qualities

Slope: 3 to 5 percent
Depth to restrictive feature: 40 to 60 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: Moderate (about 8.2 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 4e
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 7 inches: loam
7 to 13 inches: silty clay
13 to 30 inches: clay
30 to 48 inches: clay loam
48 to 52 inches: unweathered bedrock

Minor Components

Renohill

Percent of map unit: 13 percent

Shingle

Percent of map unit: 5 percent

Apishapa soils

Percent of map unit: 2 percent

Landform: Swales