

Huerfano County Area, Colorado

30—Leadville fine sandy loam, 25 to 55 percent slopes

Map Unit Setting

Elevation: 8,000 to 10,000 feet
Mean annual precipitation: 20 to 30 inches
Mean annual air temperature: 38 to 45 degrees F
Frost-free period: 40 to 70 days

Map Unit Composition

Leadville and similar soils: 75 percent
Minor components: 25 percent

Description of Leadville

Setting

Landform: Mountainsides
Landform position (three-dimensional): Mountainflank
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Cobbly and stony colluvium derived from
sedimentary rock

Properties and qualities

Slope: 25 to 55 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water
(Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Low (about 4.1 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability (nonirrigated): 7e
Hydrologic Soil Group: B

Typical profile

0 to 10 inches: Fine sandy loam
10 to 22 inches: Very stony loam
22 to 39 inches: Extremely stony clay loam
39 to 60 inches: Extremely stony sandy loam

Minor Components

Lakehelen

Percent of map unit: 20 percent

Uinita

Percent of map unit: 5 percent

Data Source Information

Soil Survey Area: Huerfano County Area, Colorado

Survey Area Data: Version 9, Dec 30, 2013

Huerfano County Area, Colorado

19—Fughes sandy clay loam, 3 to 15 percent slopes

Map Unit Setting

Elevation: 7,300 to 8,000 feet

Mean annual precipitation: 18 to 22 inches

Mean annual air temperature: 40 to 44 degrees F

Frost-free period: 75 to 90 days

Map Unit Composition

Fughes and similar soils: 90 percent

Minor components: 10 percent

Description of Fughes

Setting

Landform: Fans, benches

Landform position (two-dimensional): Footslope

Landform position (three-dimensional): Tread, rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Clayey slope alluvium and/or alluvium derived from shale and siltstone

Properties and qualities

Slope: 3 to 15 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: High (about 10.8 inches)

Interpretive groups

Farmland classification: Not prime farmland

Land capability (nonirrigated): 4c

Hydrologic Soil Group: C

Ecological site: Loamy Park (R048AY222CO)

Typical profile

0 to 5 inches: Sandy clay loam

5 to 9 inches: Clay loam

9 to 38 inches: Clay

38 to 60 inches: Clay loam

Minor Components

Curecanti

Percent of map unit: 5 percent

Holderness

Percent of map unit: 5 percent

Data Source Information

Soil Survey Area: Huerfano County Area, Colorado

Survey Area Data: Version 9, Dec 30, 2013

Huerfano County Area, Colorado

23—Goemmer cobbly clay loam, 20 to 50 percent slopes

Map Unit Setting

Elevation: 7,500 to 8,500 feet
Mean annual precipitation: 22 to 25 inches
Mean annual air temperature: 40 to 44 degrees F
Frost-free period: 70 to 100 days

Map Unit Composition

Goemmer and similar soils: 75 percent
Minor components: 25 percent

Description of Goemmer

Setting

Landform: Mountainsides
Landform position (three-dimensional): Mountainflank
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Clayey colluvium and/or residuum weathered from shale and siltstone

Properties and qualities

Slope: 20 to 50 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 to moderately high (0.06 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Low (about 5.2 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability (nonirrigated): 7e
Hydrologic Soil Group: C
Other vegetative classification: Ponderosa pine/Gambel oak (PIPO/QUGA) (C1121)

Typical profile

0 to 4 inches: Cobbly clay loam
4 to 21 inches: Clay loam
21 to 32 inches: Clay loam
32 to 36 inches: Weathered bedrock

Minor Components

Holderiness

Percent of map unit: 15 percent
Landform: Mountain slopes

Landform position (three-dimensional): Mountainbase
Down-slope shape: Linear
Across-slope shape: Linear

Ring

Percent of map unit: 8 percent
Landform: Drainageways, mountain slopes
Landform position (three-dimensional): Mountainbase
Down-slope shape: Linear
Across-slope shape: Linear

Rock outcrop

Percent of map unit: 2 percent
Landform: Mountain slopes
Landform position (three-dimensional): Mountainflank
Down-slope shape: Convex
Across-slope shape: Convex

Data Source Information

Soil Survey Area: Huerfano County Area, Colorado
Survey Area Data: Version 9, Dec 30, 2013