

Huerfano County Area, Colorado

71—Ring cobbly loam, 20 to 45 percent slopes

Map Unit Setting

Elevation: 7,200 to 8,500 feet

Mean annual precipitation: 18 to 22 inches

Mean annual air temperature: 38 to 44 degrees F

Frost-free period: 70 to 100 days

Map Unit Composition

Ring and similar soils: 85 percent

Minor components: 15 percent

Description of Ring

Setting

Landform: Terraces

Landform position (three-dimensional): Riser

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Cobbly clayey slope alluvium and/or alluvium

Properties and qualities

Slope: 20 to 45 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

Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water capacity: Low (about 5.9 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 1 inches: Slightly decomposed plant material

1 to 6 inches: Cobbly loam

6 to 16 inches: Cobbly clay loam

16 to 41 inches: Very cobbly clay

41 to 60 inches: Very cobbly sandy clay loam

Minor Components

Wahotoya

Percent of map unit: 10 percent

Landform: Terraces

Landform position (three-dimensional): Riser

Down-slope shape: Convex

Across-slope shape: Linear

Maitland

Percent of map unit: 5 percent

Landform: Terraces

Landform position (three-dimensional): Riser

Down-slope shape: Linear

Across-slope shape: Linear

Data Source Information

Soil Survey Area: Huerfano County Area, Colorado

Survey Area Data: Version 9, Dec 30, 2013