

## Washington County, Colorado

### 58—Rago silt loam

#### Map Unit Setting

*National map unit symbol:* 35w6  
*Elevation:* 3,500 to 5,400 feet  
*Mean annual precipitation:* 14 to 17 inches  
*Mean annual air temperature:* 48 to 52 degrees F  
*Frost-free period:* 145 to 155 days  
*Farmland classification:* Prime farmland if irrigated

#### Map Unit Composition

*Rago and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Rago

##### Setting

*Landform:* Plains  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Wind-worked silt over older soil

##### Typical profile

*H1 - 0 to 9 inches:* silt loam  
*H2 - 9 to 18 inches:* silty clay loam  
*H3 - 18 to 41 inches:* silty clay  
*H4 - 41 to 60 inches:* loam

##### Properties and qualities

*Slope:* 0 to 2 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Well drained  
*Runoff class:* Low  
*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  
*Calcium carbonate, maximum in profile:* 15 percent  
*Salinity, maximum in profile:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Available water storage in profile:* High (about 10.2 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3s  
*Land capability classification (nonirrigated):* 3c  
*Hydrologic Soil Group:* C  
*Ecological site:* Loamy Plains (R067BY002CO)

*Hydric soil rating:* No

**Minor Components**

**Weld**

*Percent of map unit:* 8 percent

*Hydric soil rating:* No

**Kuma**

*Percent of map unit:* 7 percent

*Hydric soil rating:* No

**Data Source Information**

Soil Survey Area: Washington County, Colorado

Survey Area Data: Version 18, Sep 22, 2016