

## Archuleta County Area, Colorado

### A0-B—Steimer loam, 1 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* jrr4

*Elevation:* 6,000 to 6,500 feet

*Mean annual precipitation:* 13 to 15 inches

*Mean annual air temperature:* 48 to 50 degrees F

*Frost-free period:* 120 to 130 days

*Farmland classification:* Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

#### Map Unit Composition

*Steimer and similar soils:* 85 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Steimer

##### Setting

*Landform:* Flood-plain steps

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Alluvium derived from mixed sources

##### Typical profile

*A1 - 0 to 8 inches:* loam

*A2 - 8 to 12 inches:* very fine sandy loam

*Bw - 12 to 23 inches:* loam

*C1 - 23 to 50 inches:* stratified loam to very fine sandy loam to clay loam

*2C2 - 50 to 70 inches:* stratified extremely gravelly loamy sand

##### Properties and qualities

*Slope:* 1 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Somewhat poorly drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately high to high (0.20 to 2.00 in/hr)

*Depth to water table:* About 24 to 36 inches

*Frequency of flooding:* Rare

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 5 percent

*Salinity, maximum in profile:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Available water storage in profile:* Moderate (about 8.8 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3w

*Land capability classification (nonirrigated):* 3w

*Hydrologic Soil Group:* C

*Ecological site:* River Bottom (R036XY327CO)

*Other vegetative classification:* RIVER BOTTOM (048AY236CO)

## Data Source Information

Soil Survey Area: Archuleta County Area, Colorado

Survey Area Data: Version 8, Sep 22, 2014