

## Jackson County Area, Colorado

### Fh—Fluetsch-Tiagos association

#### Map Unit Setting

*Elevation:* 8,000 to 9,000 feet  
*Mean annual precipitation:* 14 to 16 inches  
*Mean annual air temperature:* 36 to 39 degrees F  
*Frost-free period:* 30 to 40 days

#### Map Unit Composition

*Tiagos and similar soils:* 45 percent  
*Fluetsch and similar soils:* 45 percent

#### Description of Tiagos

##### Setting

*Landform:* Outwash terraces, valleys, terraces, alluvial fans  
*Landform position (three-dimensional):* Talf  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Calcareous alluvium derived from sandstone and shale

##### Typical profile

*H1 - 0 to 12 inches:* neutral, fine sandy loam  
*H2 - 12 to 60 inches:* neutral, fine sandy loam

##### Properties and qualities

*Slope:* 2 to 20 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Well drained  
*Capacity of the most limiting layer to transmit water (Ksat):* High (2.00 to 6.00 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water storage in profile:* Moderate (about 7.8 inches)

##### Interpretive groups

*Farmland classification:* Not prime farmland  
*Land capability classification (irrigated):* 6e  
*Land capability classification (nonirrigated):* 6c  
*Hydrologic Soil Group:* A  
*Ecological site:* Dry Mountain Loam (R048AY231CO)

#### Description of Fluetsch

##### Setting

*Landform:* Alluvial fans  
*Landform position (three-dimensional):* Talf  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear

*Parent material:* Calcareous alluvium derived from sandstone and shale

**Typical profile**

*H1 - 0 to 10 inches:* neutral, sandy loam

*H2 - 10 to 30 inches:* moderately alkaline, sandy clay loam

*H3 - 30 to 60 inches:* moderately alkaline, sandy loam

**Properties and qualities**

*Slope:* 2 to 15 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*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:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 10 percent

*Available water storage in profile:* Moderate (about 7.4 inches)

**Interpretive groups**

*Farmland classification:* Not prime farmland

*Land capability classification (irrigated):* 6e

*Land capability classification (nonirrigated):* 6c

*Hydrologic Soil Group:* B

*Ecological site:* Valley Bench (R048AY278CO)

## Data Source Information

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 6, Dec 23, 2013