

## 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

##### Properties and qualities

*Slope:* 2 to 20 percent  
*Depth to restrictive feature:* More than 80 inches  
*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 capacity:* Moderate (about 7.8 inches)

##### Interpretive groups

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

##### Typical profile

*0 to 12 inches:* Fine sandy loam  
*12 to 60 inches:* Fine sandy loam

#### 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

**Properties and qualities**

*Slope:* 2 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 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 content:* 10 percent

*Available water capacity:* Moderate (about 7.4 inches)

**Interpretive groups**

*Farmland classification:* Not prime farmland

*Land capability classification (irrigated):* 6e

*Land capability (nonirrigated):* 6c

*Hydrologic Soil Group:* B

*Ecological site:* Valley Bench (R048AY278CO)

**Typical profile**

*0 to 10 inches:* Sandy loam

*10 to 30 inches:* Sandy clay loam

*30 to 60 inches:* Sandy loam

## Data Source Information

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 6, Dec 23, 2013

Tiagos	Dry Mountain Loam	1,000	750	500	Big sagebrush	30
					Muttongrass	10
					Pine needlegrass	10
					Streambank wheatgrass	10
					Yellow rabbitbrush	10
					Sheep fescue	10
					Prairie junegrass	5
					Buckwheat	3
					Bluebunch wheatgrass	3
					Spiny phlox	2
					Bottlebrush squirreltail	2