

## 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

## Jackson County Area, Colorado

### Te—Tealson-Rock land association

#### Map Unit Setting

*Elevation:* 7,900 to 8,500 feet  
*Mean annual precipitation:* 11 to 14 inches  
*Mean annual air temperature:* 35 to 37 degrees F  
*Frost-free period:* 30 to 35 days

#### Map Unit Composition

*Tealson and similar soils:* 55 percent  
*Rock land:* 20 percent

#### Description of Tealson

##### Setting

*Landform:* Ridges, hills  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Base slope, side slope, nose slope, head slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Weathered granite

##### Properties and qualities

*Slope:* 2 to 30 percent  
*Depth to restrictive feature:* 10 to 20 inches to paralithic bedrock  
*Drainage class:* Well drained  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high (0.20 to 0.60 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 15 percent  
*Available water capacity:* Very low (about 1.6 inches)

##### Interpretive groups

*Farmland classification:* Not prime farmland  
*Land capability (nonirrigated):* 6c  
*Hydrologic Soil Group:* D  
*Ecological site:* Valley Bench (R048AY278CO)

##### Typical profile

*0 to 10 inches:* Sandy loam  
*10 to 16 inches:* Channery sandy loam  
*16 to 20 inches:* Weathered bedrock

#### Description of Rock Land

##### Setting

*Landform:* Hills  
*Landform position (two-dimensional):* Summit

*Landform position (three-dimensional):* Base slope, side slope, nose slope, head slope

*Down-slope shape:* Linear

*Across-slope shape:* Linear

**Properties and qualities**

*Slope:* 2 to 30 percent

*Depth to restrictive feature:* 0 inches to lithic bedrock

*Capacity of the most limiting layer to transmit water (Ksat):* Very low  
(0.00 to 0.00 in/hr)

*Available water capacity:* Very low (about 0.0 inches)

**Interpretive groups**

*Farmland classification:* Not prime farmland

*Land capability (nonirrigated):* 8s

**Typical profile**

*0 to 60 inches:* Unweathered bedrock

## Data Source Information

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 6, Dec 23, 2013

Te—Tealson-Rock land association						
Tealson	Valley Bench	1,000	750	500	Big sagebrush	30
					Pine needlegrass	10
					Streambank wheatgrass	10
					Muttongrass	10
					Prairie junegrass	10
					Bluebunch wheatgrass	5
					Yellow rabbitbrush	5
					Needleandthread	5
					Bottlebrush squirreltail	5
					Blue grama	5
					Buckwheat	3
Miscellaneous annual forbs	2					

## Jackson County Area, Colorado

### Bk—Blackwell loam

#### Map Unit Setting

*Elevation:* 7,900 to 8,800 feet  
*Mean annual precipitation:* 10 to 20 inches  
*Mean annual air temperature:* 35 to 38 degrees F  
*Frost-free period:* 30 to 40 days

#### Map Unit Composition

*Blackwell and similar soils:* 90 percent  
*Minor components:* 5 percent

#### Description of Blackwell

##### Setting

*Landform:* Flood plains, drainageways, streams, stream terraces  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Mixed alluvium

##### Properties and qualities

*Slope:* 0 to 5 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Poorly 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:* About 6 to 18 inches  
*Frequency of flooding:* Occasional  
*Frequency of ponding:* None  
*Available water capacity:* Moderate (about 6.9 inches)

##### Interpretive groups

*Farmland classification:* Farmland of statewide importance  
*Land capability (nonirrigated):* 5w  
*Hydrologic Soil Group:* B/D  
*Ecological site:* Mountain Meadow (R048AY241CO)

##### Typical profile

*0 to 13 inches:* Loam  
*13 to 21 inches:* Sandy clay loam  
*21 to 46 inches:* Gravelly loam  
*46 to 60 inches:* Very gravelly sand

#### Minor Components

##### Dobrow

*Percent of map unit:* 5 percent

*Landform:* Flood plains

## **Data Source Information**

Soil Survey Area: Jackson County Area, Colorado  
Survey Area Data: Version 6, Dec 23, 2013

Bk—Blackwell loam						
Blackwell	Mountain Meadow	4,000	3,000	2,500	Nebraska sedge	20
					Miscellaneous perennial forbs	15
					Miscellaneous perennial grasses	10
					Smallwing sedge	10
					Willow	10
					Redtop	5
					Slender wheatgrass	5
					Slender cinquefoil	5
					Miscellaneous shrubs	5
					Mountain brome	5
					Tufted hairgrass	5
					Baltic rush	5