

## Rio Blanco County Area, Colorado

### 42—Irigul channery loam, 5 to 50 percent slopes

#### Map Unit Setting

*National map unit symbol:* jp51

*Elevation:* 7,600 to 8,700 feet

*Mean annual precipitation:* 18 to 22 inches

*Mean annual air temperature:* 37 to 39 degrees F

*Frost-free period:* 45 to 75 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Irigul and similar soils:* 85 percent

*Minor components:* 15 percent

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

#### Description of Irigul

##### Setting

*Landform:* Mountainsides, ridges

*Landform position (three-dimensional):* Mountainflank

*Down-slope shape:* Convex, linear

*Across-slope shape:* Convex, linear

*Parent material:* Residuum weathered from sandstone and shale

##### Typical profile

*H1 - 0 to 5 inches:* channery loam

*H2 - 5 to 12 inches:* very channery clay loam

*H3 - 12 to 16 inches:* unweathered bedrock

##### Properties and qualities

*Slope:* 5 to 50 percent

*Depth to restrictive feature:* 5 to 20 inches to lithic bedrock

*Drainage class:* Well drained

*Runoff class:* Very high

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

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water supply, 0 to 60 inches:* Very low (about 1.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7e

*Hydrologic Soil Group:* D

*Ecological site:* R048AY303CO - Loamy Slopes

*Hydric soil rating:* No

### **Minor Components**

#### **Other soils**

*Percent of map unit:* 15 percent

*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Rio Blanco County Area, Colorado

Survey Area Data: Version 18, Aug 22, 2023

## Rio Blanco County Area, Colorado

### 43—Irigul-Parachute complex, 5 to 30 percent slopes

#### Map Unit Setting

*National map unit symbol:* jp52

*Elevation:* 7,600 to 8,500 feet

*Mean annual precipitation:* 18 to 22 inches

*Mean annual air temperature:* 37 to 39 degrees F

*Frost-free period:* 45 to 75 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Irigul and similar soils:* 60 percent

*Parachute and similar soils:* 30 percent

*Minor components:* 10 percent

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

#### Description of Irigul

##### Setting

*Landform:* Mountainsides, ridges

*Landform position (three-dimensional):* Mountainflank

*Down-slope shape:* Convex, linear

*Across-slope shape:* Convex, linear

*Parent material:* Residuum weathered from sandstone and shale

##### Typical profile

*H1 - 0 to 5 inches:* channery loam

*H2 - 5 to 12 inches:* very channery clay loam

*H3 - 12 to 16 inches:* unweathered bedrock

##### Properties and qualities

*Slope:* 5 to 30 percent

*Depth to restrictive feature:* 5 to 20 inches to lithic bedrock

*Drainage class:* Well drained

*Runoff class:* Very high

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

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water supply, 0 to 60 inches:* Very low (about 1.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7e

*Hydrologic Soil Group:* D

*Ecological site:* R048AY303CO - Loamy Slopes

*Hydric soil rating:* No

## Description of Parachute

### Setting

*Landform:* Mountainsides  
*Landform position (three-dimensional):* Mountainflank  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Residuum weathered from sandstone and shale

### Typical profile

*H1 - 0 to 4 inches:* loam  
*H2 - 4 to 24 inches:* channery loam  
*H3 - 24 to 38 inches:* very channery loam  
*H4 - 38 to 42 inches:* unweathered bedrock

### Properties and qualities

*Slope:* 5 to 30 percent  
*Depth to restrictive feature:* 20 to 40 inches to lithic bedrock  
*Drainage class:* Well drained  
*Runoff class:* High  
*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  
*Available water supply, 0 to 60 inches:* Low (about 4.7 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 6e  
*Hydrologic Soil Group:* C  
*Ecological site:* R048AY228CO - Mountain Loam  
*Hydric soil rating:* No

## Minor Components

### Other soils

*Percent of map unit:* 10 percent  
*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Rio Blanco County Area, Colorado  
Survey Area Data: Version 18, Aug 22, 2023

## Rio Blanco County Area, Colorado

### 58—Parachute loam, 25 to 75 percent slopes

#### Map Unit Setting

*National map unit symbol:* jp5l

*Elevation:* 7,500 to 8,700 feet

*Mean annual precipitation:* 18 to 22 inches

*Mean annual air temperature:* 37 to 39 degrees F

*Frost-free period:* 45 to 75 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Parachute and similar soils:* 85 percent

*Minor components:* 15 percent

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

#### Description of Parachute

##### Setting

*Landform:* Mountainsides, ridges

*Landform position (three-dimensional):* Mountainflank

*Down-slope shape:* Concave, linear

*Across-slope shape:* Concave, linear

*Parent material:* Residuum weathered from sandstone

##### Typical profile

*H1 - 0 to 4 inches:* loam

*H2 - 4 to 24 inches:* channery loam

*H3 - 24 to 38 inches:* very channery loam

*H4 - 38 to 42 inches:* unweathered bedrock

##### Properties and qualities

*Slope:* 25 to 75 percent

*Depth to restrictive feature:* 20 to 40 inches to lithic bedrock

*Drainage class:* Well drained

*Runoff class:* Very high

*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

*Available water supply, 0 to 60 inches:* Low (about 4.7 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7e

*Hydrologic Soil Group:* C

*Ecological site:* R048AY238CO - Brushy Loam

*Hydric soil rating:* No

### **Minor Components**

#### **Other soils**

*Percent of map unit:* 15 percent

*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Rio Blanco County Area, Colorado

Survey Area Data: Version 18, Aug 22, 2023