

## Map Unit Description

Cortez Area, Colorado, Parts of Dolores and Montezuma Counties

### 144—Wetherill loam, 3 to 6 percent slopes

#### Map Unit Setting

*Elevation:* 6,200 to 7,400 feet

*Mean annual precipitation:* 13 to 16 inches

*Mean annual air temperature:* 46 to 50 degrees F

*Frost-free period:* 100 to 120 days

Custom Soil Resource Report

14

#### Map Unit Composition

*Wetherill and similar soils:* 85 percent

*Minor components:* 3 percent

#### Description of Wetherill

##### Setting

*Landform:* Hills, mesas

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

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Eolian deposits derived from sandstone

##### Properties and qualities

*Slope:* 3 to 6 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 (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:* 30 percent

*Maximum salinity:* Nonsaline (0.0 to 2.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 4.0

*Available water capacity:* High (about 11.0 inches)

##### Interpretive groups

*Farmland classification:* Prime farmland if irrigated

*Land capability classification (irrigated):* 3e

*Land capability (nonirrigated):* 3e

*Hydrologic Soil Group:* B

*Ecological site:* Loamy Foothills (R036XY284CO)

##### Typical profile

*0 to 3 inches:* Loam

*3 to 7 inches:* Loam

*7 to 48 inches:* Clay loam

*48 to 60 inches:* Loam

##### Minor Components

##### Aquents

*Percent of map unit:* 3 percent

*Landform:* Drainageways

## **145—Wetherill loam, 6 to 12 percent slopes**

### **Map Unit Setting**

*Elevation:* 6,200 to 7,400 feet

Custom Soil Resource Report

15

*Mean annual precipitation:* 13 to 16 inches

*Mean annual air temperature:* 46 to 50 degrees F

*Frost-free period:* 100 to 120 days

### **Map Unit Composition**

*Wetherill and similar soils:* 80 percent

*Minor components:* 1 percent

### **Description of Wetherill**

#### **Setting**

*Landform:* Hills, mesas

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

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Eolian deposits derived from sandstone

### **Properties and qualities**

*Slope:* 6 to 12 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 (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:* 30 percent

*Maximum salinity:* Nonsaline (0.0 to 2.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 4.0

*Available water capacity:* High (about 11.0 inches)

### **Interpretive groups**

*Farmland classification:* Not prime farmland

*Land capability classification (irrigated):* 4e

*Land capability (nonirrigated):* 4e

*Hydrologic Soil Group:* B

*Ecological site:* Loamy Foothills (R036XY284CO)

### **Typical profile**

*0 to 3 inches:* Loam

*3 to 7 inches:* Loam

*7 to 48 inches:* Clay loam

*48 to 60 inches:* Loam

### **Minor Components**

#### **Aquents**

*Percent of map unit:* 1 percent

*Landform:* Drainageways

Custom Soil Resource Report

16