

## **Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties**

### **28—Cumulic Haploborolls, 1 to 3 percent slopes**

#### **Map Unit Setting**

*National map unit symbol:* jnv6

*Elevation:* 5,800 to 7,400 feet

*Mean annual precipitation:* 12 to 18 inches

*Mean annual air temperature:* 40 to 46 degrees F

*Frost-free period:* 80 to 110 days

*Farmland classification:* Prime farmland if irrigated and either  
protected from flooding or not frequently flooded during the  
growing season

#### **Map Unit Composition**

*Cumulic haploborolls and similar soils:* 90 percent

*Minor components:* 10 percent

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

#### **Description of Cumulic Haploborolls**

##### **Setting**

*Landform:* Flood plains

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Wasatch shale formation alluvium and/or green  
river shale formation alluvium

##### **Typical profile**

*H1 - 0 to 8 inches:* gravelly sandy clay loam

*H2 - 8 to 20 inches:* very channery sandy clay loam

*H3 - 20 to 28 inches:* clay loam

*H4 - 28 to 60 inches:* stratified very gravelly sand to extremely  
gravelly loamy sand

##### **Properties and qualities**

*Slope:* 1 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately high to high (0.20 to 1.98 in/hr)

*Depth to water table:* About 36 to 72 inches

*Frequency of flooding:* Occasional

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 10 percent

*Salinity, maximum in profile:* Nonsaline to slightly saline (0.0 to 4.0  
mmhos/cm)

*Available water storage in profile:* Low (about 4.6 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 4e

*Hydrologic Soil Group:* B

*Ecological site:* Foothill Swale (R048AY285CO)

*Hydric soil rating:* No

**Minor Components**

**Other soils**

*Percent of map unit:* 10 percent

*Landform:* Flood plains

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Hydric soil rating:* No

**Data Source Information**

Soil Survey Area: Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa  
Counties

Survey Area Data: Version 10, Oct 12, 2017