

## Weld County, Colorado, Northern Part

### 51—Peetz gravelly sandy loam, 5 to 20 percent slopes

#### Map Unit Setting

*National map unit symbol:* 3606  
*Elevation:* 3,500 to 6,500 feet  
*Mean annual precipitation:* 15 to 19 inches  
*Mean annual air temperature:* 48 to 50 degrees F  
*Frost-free period:* 120 to 150 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Peetz and similar soils:* 80 percent  
*Minor components:* 20 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Peetz

##### Setting

*Landform:* Breaks, ridges  
*Landform position (two-dimensional):* Backslope, shoulder  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Calcareous gravelly alluvium

##### Typical profile

*H1 - 0 to 4 inches:* gravelly sandy loam  
*H2 - 4 to 60 inches:* very gravelly sand

##### Properties and qualities

*Slope:* 5 to 20 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Somewhat excessively drained  
*Runoff class:* Low  
*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  
*Calcium carbonate, maximum in profile:* 20 percent  
*Available water storage in profile:* Low (about 3.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 6e  
*Land capability classification (nonirrigated):* 6e  
*Hydrologic Soil Group:* A  
*Ecological site:* Gravel Breaks (R067BY063CO)  
*Hydric soil rating:* No

### **Minor Components**

#### **Wages**

*Percent of map unit:* 10 percent

*Hydric soil rating:* No

#### **Altvan**

*Percent of map unit:* 5 percent

*Hydric soil rating:* No

#### **Ascalon**

*Percent of map unit:* 3 percent

*Hydric soil rating:* No

#### **Bushman**

*Percent of map unit:* 2 percent

*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Weld County, Colorado, Northern Part

Survey Area Data: Version 13, Sep 10, 2018