

## Weld County, Colorado, Northern Part

### 60—Shingle clay loam, 0 to 9 percent slopes

#### Map Unit Setting

*Elevation:* 3,600 to 5,500 feet  
*Mean annual precipitation:* 10 to 13 inches  
*Mean annual air temperature:* 46 to 48 degrees F  
*Frost-free period:* 110 to 140 days

#### Map Unit Composition

*Shingle and similar soils:* 80 percent  
*Minor components:* 20 percent

#### Description of Shingle

##### Setting

*Landform:* Ridges, breaks, plains  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Calcareous, clayey loamy residuum weathered from shale

##### Typical profile

*H1 - 0 to 4 inches:* moderately alkaline, clay loam  
*H2 - 4 to 11 inches:* moderately alkaline, clay loam  
*H3 - 11 to 15 inches:* , unweathered bedrock

##### Properties and qualities

*Slope:* 0 to 9 percent  
*Depth to restrictive feature:* 10 to 20 inches to paralithic bedrock  
*Natural drainage class:* Well drained  
*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  
*Calcium carbonate, maximum in profile:* 15 percent  
*Salinity, maximum in profile:* Nonsaline (0.0 to 2.0 mmhos/cm)  
*Available water storage in profile:* Very low (about 2.1 inches)

##### Interpretive groups

*Farmland classification:* Not prime farmland  
*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 6s  
*Hydrologic Soil Group:* D  
*Ecological site:* Shaly Plains (R067BY045CO)

#### Minor Components

##### Renohill

*Percent of map unit:* 10 percent

Reagan LD06-685 Pad

T9N-R58W

Section 05: NENE

Reagan LD06-685, 680, 675, 670

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**Keota**

*Percent of map unit: 5 percent*

**Thedalund**

*Percent of map unit: 5 percent*

**Data Source Information**

Soil Survey Area: Weld County, Colorado, Northern Part

Survey Area Data: Version 9, Dec 23, 2013