

# Map Unit Description

Weld County, Colorado, Southern Part

21      Dacono clay loam, 0 to 1 percent slopes

## Setting

Elevation: 4550 to 4970 feet  
Mean annual precipitation: 14 to 18 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 140 to 160 days

## Composition

Dacono and similar soils: 85 percent  
Minor components: 1 percent

## Description of Dacono

### Setting

Landform: Terraces  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Mixed alluvium

### Properties and Qualities

Slope: 0 to 1 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: Moderate (about 6.3 inches)

### Interpretive Groups

Land capability classification (irrigated): 2s  
Land capability (non irrigated): 3s  
Ecological site: Clayey Plains (R067BY042CO)

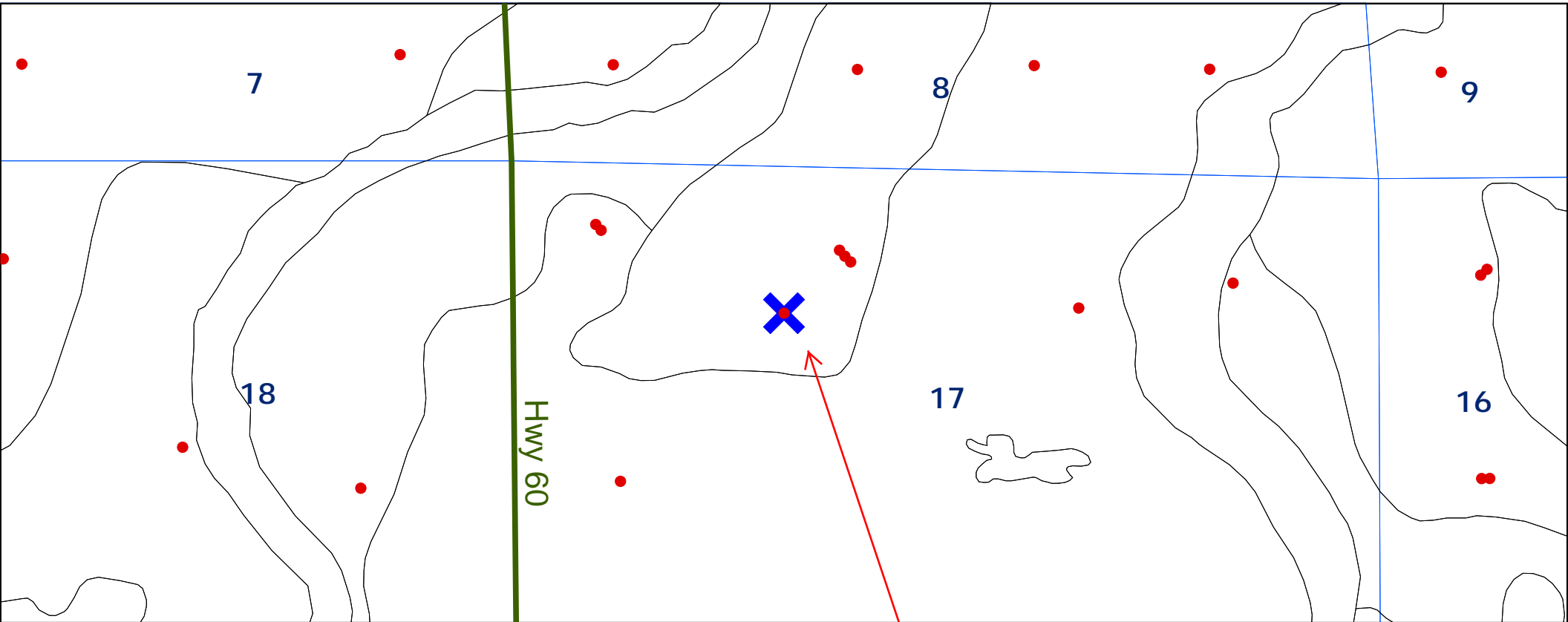
### Typical Profile

0 to 12 inches: clay loam  
12 to 21 inches: clay loam  
21 to 27 inches: clay loam  
27 to 60 inches: very gravelly sand

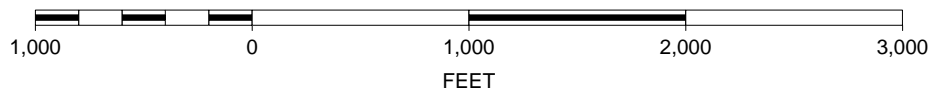
## Minor Components

Mollic halaquepts  
Percent of map unit: 1 percent  
Landform: Swales

21, Dacono Clay Loam, 0 to 1% slopes



SCALE 1 : 10,626



K. P. Kauffman Company, Inc.

Pope #18-17

NENW Section 17-T4N-R66W

Weld Co., Colorado

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