

MARLEY C 07-18D  
TOWNSHIP 4 NORTH, RANGE 64 WEST, 6<sup>TH</sup> PM.

Map Unit Description SECTION 1: NE 1/4 NW 1/4

Weld County, Colorado, Southern Part

**41 Nunn clay loam, 0 to 1 percent slopes**

**Setting**

Elevation: 4550 to 5150 feet  
Mean annual precipitation: 12 to 18 inches  
Mean annual air temperature: 46 to 54 degrees F  
Frost-free period: 115 to 180 days

**Composition**

Nunn and similar soils: 85 percent  
Minor components: 15 percent

**Description of Nunn**

**Setting**

Landform: Plains, terraces  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Mixed alluvium and/or eolian deposits

**Properties and Qualities**

Slope: 0 to 1 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 9.1 inches)

**Interpretive Groups**

Land capability classification (irrigated): 2e  
Ecological site: Clayey Plains (R067BY042CO)

**Typical Profile**

0 to 9 inches: clay loam  
9 to 29 inches: clay loam  
29 to 60 inches: sandy loam

**Minor Components**

**Heldt**

Percent of map unit: 7 percent

**Dacono**

Percent of map unit: 4 percent

**Altvan**

Percent of map unit: 4 percent