

MARLEY COT-32D  
TOWNSHIP 4 NORTH, RANGE 64 WEST  
SECTION 1: NW 1/4 SW 1/4  
GTR PR

## Map Unit Description

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