

SHEET 1 OF 2
WELL NAME: JATER CC 18-23
T 4 N, R 63 W, 6th P.M.
SECTION 18: NE 1/4 SE 1/4

Map Unit Description

Weld County, Colorado, Southern Part

5 Ascalon sandy loam, 1 to 3 percent slopes

Setting

Landscape: Uplands
Elevation: 4600 to 5200 feet
Mean annual precipitation: 13 to 17 inches
Mean annual air temperature: 46 to 57 degrees F
Frost-free period: 130 to 160 days

Composition

Ascalon and similar soils: 90 percent
Minor components: 10 percent

Description of Ascalon

Setting

Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium

Properties and Qualities

Slope: 1 to 3 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 8.4 inches)

Interpretive Groups

Land capability classification (irrigated): 2e
Land capability (non irrigated): 3e
Ecological site: Sandy Plains (R067BY024CO)

Typical Profile

0 to 8 inches: sandy loam
8 to 18 inches: sandy clay loam
18 to 60 inches: sandy loam, fine sandy loam
60 to 64 inches: fine sandy loam

Minor Components

Stoneham

Percent of map unit: 10 percent

Map Unit Description

Weld County, Colorado, Southern Part

40 Nunn loam, 1 to 3 percent slopes**Setting**

Elevation: 4550 to 5000 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: Terraces
 Down-slope shape: Linear
 Across-slope shape: Linear
 Parent material: Mixed alluvium

Properties and Qualities

Slope: 1 to 3 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: Moderate (about 9.0 inches)

Interpretive Groups

Land capability classification (irrigated): 2e
 Land capability (non irrigated): 4c
 Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 9 inches: loam
 9 to 29 inches: clay loam
 29 to 40 inches: sandy loam
 40 to 60 inches: sandy loam

Minor Components**Dacono**

Percent of map unit: 5 percent

Heldt

Percent of map unit: 4 percent

Altvan

Percent of map unit: 3 percent

Platner

Percent of map unit: 3 percent