

# Map Unit Description

Yuma County, Colorado

44 Valent sand, 9 to 15 percent slopes

## Setting

Elevation: 3900 to 6800 feet  
Mean annual precipitation: 12 to 17 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 145 to 160 days

## Composition

Valent and similar soils: 80 percent  
Minor components: 20 percent

## Description of Valent

### Setting

Landform: Hills  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian sands

### Properties and Qualities

Slope: 9 to 15 percent  
Drainage class: Excessively drained  
Capacity of the most limiting layer to transmit water (Ksat): High or very high (5.95 to 19.98 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 0 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 4.2 inches)

### Interpretive Groups

Land capability classification (irrigated): 6e  
Land capability (non irrigated): 6e  
Ecological site: Deep Sands (R072XY016CO)

### Typical Profile

0 to 4 inches: sand  
4 to 60 inches: sand

## Minor Components

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Percent of map unit: 15 percent

### Blowouts

Percent of map unit: 5 percent

# Map Unit Description

Yuma County, Colorado

45 Valent sand, 15 to 45 percent slopes

## Setting

Elevation: 3900 to 6800 feet  
Mean annual precipitation: 12 to 17 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 145 to 160 days

## Composition

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

## Description of Valent

### Setting

Landform: Hills  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian sands

### Properties and Qualities

Slope: 15 to 45 percent  
Drainage class: Excessively drained  
Capacity of the most limiting layer to transmit water (Ksat): High or very high (5.95 to 19.98 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 0 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 4.2 inches)

### Interpretive Groups

Land capability (non irrigated): 7e  
Ecological site: Choppy Sands (R072XY020CO)

### Typical Profile

0 to 4 inches: sand  
4 to 60 inches: sand

## Minor Components

### Blowouts

Percent of map unit: 15 percent