

## Phillips County, Colorado

### HtB—Haxtun loamy sand, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 35m8

*Elevation:* 3,400 to 5,600 feet

*Mean annual precipitation:* 13 to 20 inches

*Mean annual air temperature:* 48 to 52 degrees F

*Frost-free period:* 125 to 150 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Haxtun and similar soils:* 80 percent

*Minor components:* 20 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Haxtun

##### Setting

*Landform:* Hills

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Loam sandy and/or sand loamy

##### Typical profile

*H1 - 0 to 9 inches:* loamy sand

*H2 - 9 to 19 inches:* sandy loam

*H3 - 19 to 33 inches:* loam

*H4 - 33 to 50 inches:* gravelly sandy loam

*H5 - 50 to 60 inches:* sandy loam

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately high to high (0.57 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 15 percent

*Salinity, maximum in profile:* Nonsaline (0.0 to 2.0 mmhos/cm)

*Sodium adsorption ratio, maximum in profile:* 5.0

*Available water storage in profile:* Moderate (about 8.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3e

*Land capability classification (nonirrigated):* 3e

*Hydrologic Soil Group:* B

*Ecological site:* Sandy plains (R072XY023CO)

**Minor Components**

**Ascalon**

*Percent of map unit:* 10 percent

**Julesburg**

*Percent of map unit:* 6 percent

**Valentine**

*Percent of map unit:* 4 percent

**Data Source Information**

Soil Survey Area: Phillips County, Colorado

Survey Area Data: Version 8, Dec 23, 2013