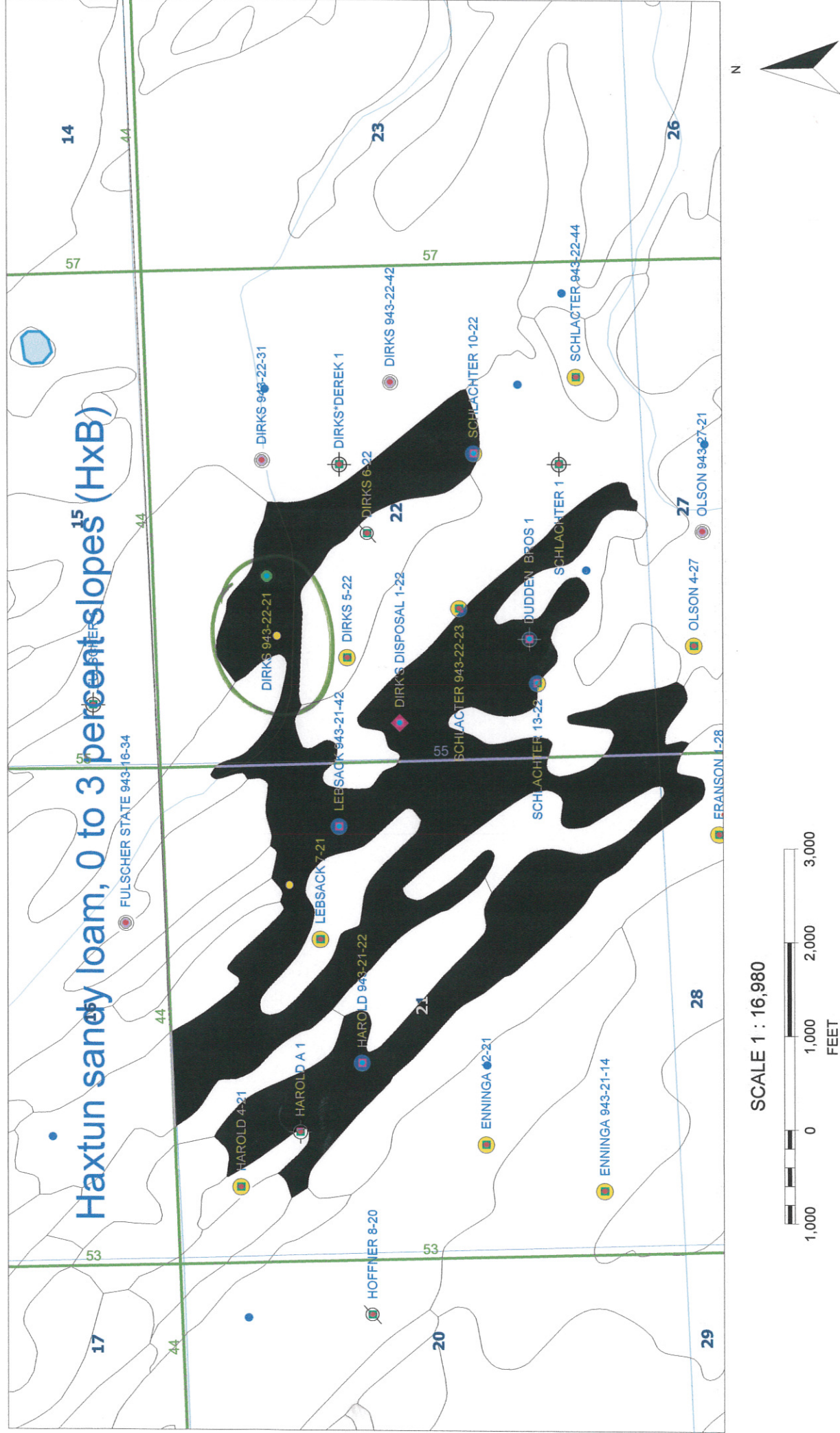


# T9N-R43W, Section 22: NE/4NW/4 - SOILS



## Map Unit Description

Phillips County, Colorado

**HxB Haxtun sandy loam, 0 to 3 percent slopes**

### Setting

Elevation: 3400 to 5600 feet  
Mean annual precipitation: 13 to 20 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 125 to 150 days

### Composition

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

### Description of Haxtun

#### Setting

Landform: Ridges  
Landform position (two-dimensional): Backslope  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Loam sandy and/or sand loamy

#### Properties and Qualities

Slope: 0 to 3 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.57 to 2.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Sodium adsorption ratio maximum: 5.0  
Available water capacity: Moderate (about 8.6 inches)

#### Interpretive Groups

Land capability classification (irrigated): 2e  
Land capability (non irrigated): 3e  
Ecological site: Sandy Plains (R072XY023CO)

#### Typical Profile

0 to 10 inches: sandy loam  
10 to 18 inches: sandy loam  
18 to 30 inches: clay loam  
30 to 48 inches: loam  
48 to 60 inches: sandy loam

### Minor Components

#### Rago

Percent of map unit: 5 percent

#### Kuma

Percent of map unit: 5 percent