

Map Unit Description

Phillips County, Colorado

JuC Julesburg loamy sand, 3 to 5 percent slopes

Setting

Elevation: 4100 to 4800 feet
Mean annual precipitation: 15 to 19 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 145 to 155 days

Composition

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

Description of Julesburg

Setting

Landform: Ridges, flats
Landform position (two-dimensional): Backslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sand loamy and/or loam sandy alluvium

Properties and Qualities

Slope: 3 to 5 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 5.8 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 6e
Ecological site: Sandy Plains (R072XY023CO)

Typical Profile

0 to 9 inches: loamy sand
9 to 16 inches: sandy loam
16 to 60 inches: loamy sand

Minor Components

Haxtun

Percent of map unit: 5 percent

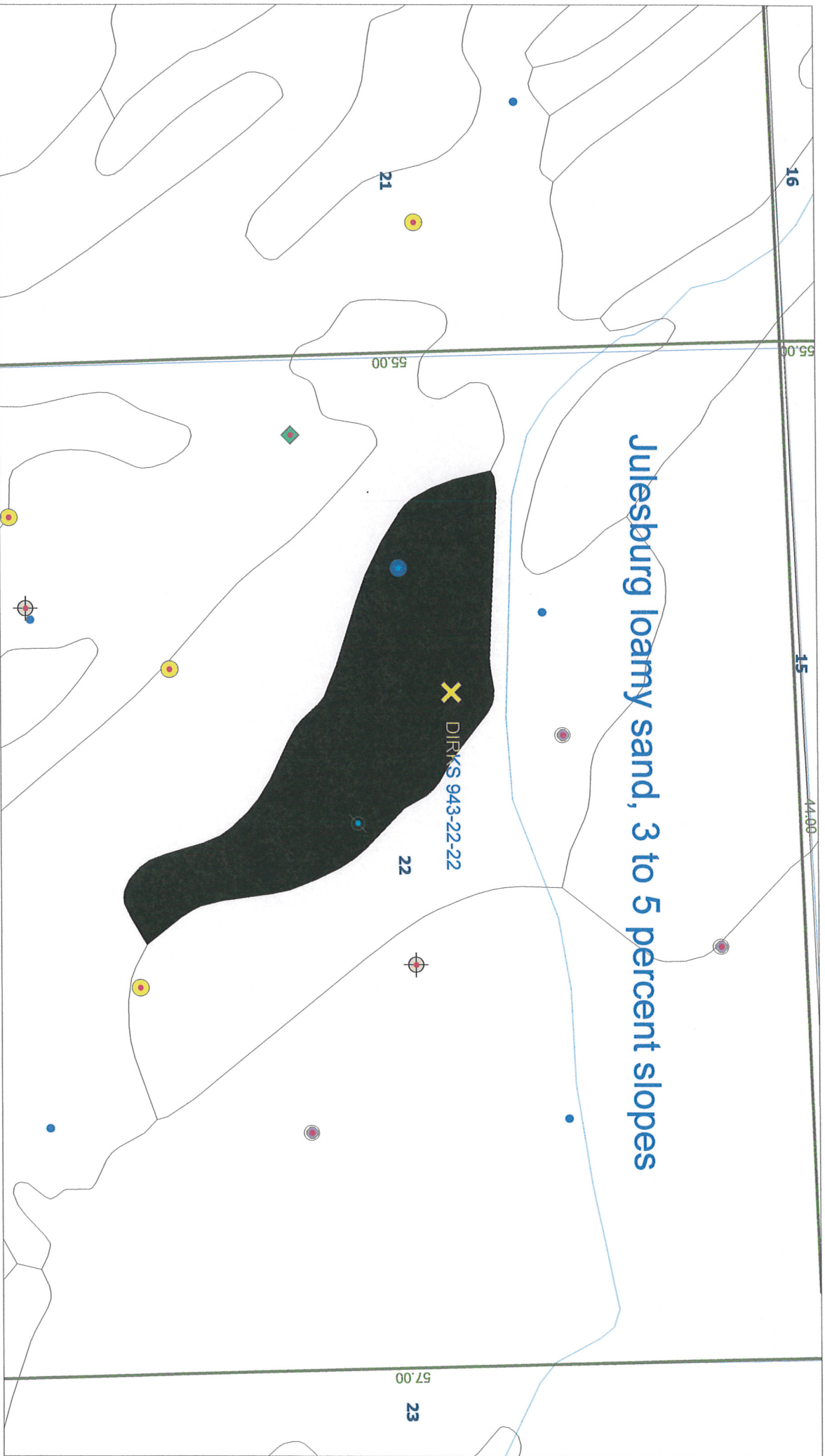
Valentine

Percent of map unit: 5 percent

Dirks 943-22-22

Julesburg loamy sand, 3 to 5 percent slopes

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SCALE 1 : 8,478

