

EXISTING ROAD SOIL DISTURBANCE ACREAGE	
COLBY LOAM (1-3% SLOPE) HYDROLOGIC SOIL GROUP B	0.333 ACRES
COLBY LOAM (3-5% SLOPE) HYDROLOGIC SOIL GROUP B	0.035 ACRES
PROPOSED ROAD SOIL DISTURBANCE ACREAGE	
COLBY LOAM (1-3% SLOPE) HYDROLOGIC SOIL GROUP B	1.090 ACRES
COLBY LOAM (3-5% SLOPE) HYDROLOGIC SOIL GROUP B	0.676 ACRES
TOTAL PAD DISTURBANCE ACREAGE	
COLBY LOAM (1-3% SLOPE) HYDROLOGIC SOIL GROUP B	5.650 ACRES
COLBY LOAM (3-5% SLOPE) HYDROLOGIC SOIL GROUP B	4.350 ACRES

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

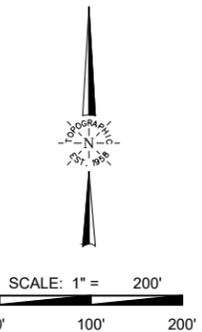
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NCRS MAP UNIT DESCRIPTION
HARAMBE 2920
VERDAD



DATE:	02/17/22
DRAWN BY:	TJM
REVIEWED BY:	CCC
SCALE:	1" = 200'
SHEET:	19 OF 23
REVISION:	
	XXX/XXX/XX
	XXX/XXX/XX
	XXX/XXX/XX

- COLBY LOAM (1-3% SLOPE)
HYDROLOGIC SOIL GROUP B
- COLBY LOAM (3-5% SLOPE)
HYDROLOGIC SOIL GROUP B
- SITE BOUNDARY



Weld County, Colorado, Southern Part

15—Colby loam, 1 to 3 percent slopes

Map Unit Setting

National map unit symbol: 361q
Elevation: 4,850 to 5,050 feet
Mean annual precipitation: 12 to 16 inches
Mean annual air temperature: 48 to 50 degrees F
Frost-free period: 135 to 155 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Colby and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Colby

Setting

Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous eolian deposits

Typical profile

H1 - 0 to 7 inches: loam
H2 - 7 to 60 inches: silt loam

Properties and qualities

Slope: 1 to 3 percent
Depth to restrictive feature: More than 80 inches
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 content: 15 percent
Available water supply, 0 to 60 inches: High (about 10.6 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: B
Ecological site: R067BY002CO - Loamy Plains
Hydric soil rating: No

Minor Components

Wiley

Percent of map unit: 9 percent

Hydric soil rating: No

Keith

Percent of map unit: 6 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Weld County, Colorado, Southern Part

Survey Area Data: Version 20, Aug 31, 2021

Weld County, Colorado, Southern Part

16—Colby loam, 3 to 5 percent slopes

Map Unit Setting

National map unit symbol: 361r

Elevation: 4,850 to 5,050 feet

Mean annual precipitation: 12 to 16 inches

Mean annual air temperature: 48 to 50 degrees F

Frost-free period: 135 to 155 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Colby and similar soils: 85 percent

Minor components: 15 percent

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

Description of Colby

Setting

Landform: Ridges, hills

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Calcareous eolian deposits

Typical profile

H1 - 0 to 7 inches: loam

H2 - 7 to 60 inches: silt loam

Properties and qualities

Slope: 3 to 5 percent

Depth to restrictive feature: More than 80 inches

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 content: 15 percent

Available water supply, 0 to 60 inches: High (about 10.6 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Ecological site: R067BY002CO - Loamy Plains

Hydric soil rating: No

Minor Components

Wiley

Percent of map unit: 8 percent

Hydric soil rating: No

Keith

Percent of map unit: 7 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Weld County, Colorado, Southern Part

Survey Area Data: Version 20, Aug 31, 2021