



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



TOPOGRAPHIC  
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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	XXXXXX
XXX	XXXXXX
XXX	XXXXXX

## 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