

## Map Unit Description

Weld County, Colorado, Northern Part

Rico LC29-74-1HNA-PAD  
-76-1HNC  
Trisha LC29-74HNB  
75HNB  
Tina LC29-75-1HNA  
77-1HNC

### 37 Midway clay loam, 0 to 9 percent slopes

#### Setting

Elevation: 3500 to 6000 feet  
Mean annual precipitation: 10 to 17 inches  
Mean annual air temperature: 46 to 52 degrees F  
Frost-free period: 100 to 180 days

#### Composition

Midway and similar soils: 80 percent  
Minor components: 20 percent

#### Description of Midway

##### Setting

Landform: Ridges, breaks, plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Calcareous clayey residuum weathered from shale

##### Properties and Qualities

Slope: 0 to 9 percent  
Depth to restrictive feature: 6 to 20 inches to Paralithic bedrock  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 15 percent  
Salinity maximum: Non saline or slightly saline (2.0 to 8.0 mmhos/cm)  
Sodium adsorption ratio maximum: 15.0  
Available water capacity: Very low (about 1.9 inches)

##### Interpretive Groups

Land capability classification (irrigated): 6e  
Land capability (non irrigated): 6e  
Ecological site: Shaly Plains (R067BY045CO)

##### Typical Profile

0 to 3 inches: clay loam  
3 to 11 inches: clay  
11 to 15 inches: weathered bedrock

#### Minor Components

##### Renohill

Percent of map unit: 9 percent

##### Stoneham

Percent of map unit: 6 percent

##### Terry

Percent of map unit: 5 percent

T9N-R59W  
Sec 29: SWSE  
Weld, CO

Rico LC 29-74-1HNA PAD  
T9N-R59W  
SECTION 29: SWSE  
WELD, CO

## Map Unit Description

Weld County, Colorado, Northern Part

### 31 Kim-Mitchell complex, 0 to 6 percent slopes

#### Setting

Elevation: 3500 to 6500 feet  
Mean annual precipitation: 11 to 17 inches  
Mean annual air temperature: 46 to 54 degrees F  
Frost-free period: 120 to 160 days

#### Composition

Kim and similar soils: 45 percent  
Mitchell and similar soils: 40 percent  
Minor components: 15 percent

#### ASSOCIATED WELLS:

Rico LC 29-74-1HNA, 76-1HNC  
TRISHA LC 29-74HNB, 75HNB, 76HNB  
TINA LC 29-75-1HNA, 77-1HNC

#### Description of Kim

##### Setting

Landform: Alluvial fans, plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Calcareous loamy alluvium

##### Properties and Qualities

Slope: 0 to 6 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 9.7 inches)

##### Interpretive Groups

Land capability classification (irrigated): 4e  
Land capability (non irrigated): 4e  
Ecological site: Loamy Plains (R067BY002CO)

##### Typical Profile

0 to 3 inches: loam  
3 to 7 inches: clay loam  
7 to 60 inches: loam

#### Description of Mitchell

##### Setting

Landform: Alluvial fans, plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Calcareous loamy alluvium

##### Properties and Qualities

Slope: 0 to 6 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.57 to 5.95 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 10.8 inches)

##### Interpretive Groups

Land capability classification (irrigated): 4e  
Land capability (non irrigated): 4e  
Ecological site: Siltstone Plains (R067BY009CO)

##### Typical Profile

0 to 7 inches: silt loam  
7 to 60 inches: silt loam

Rico LC29-74-1HNA PAD

T9N - R59W

SECTION 29: SWSE

WELD, CO

## Map Unit Description

Weld County, Colorado, Northern Part

29 Haverson loam, 0 to 3 percent slopes

Elevation: 3500 to 6000 feet  
Mean annual precipitation: 12 to 17 inches  
Mean annual air temperature: 46 to 54 degrees F  
Frost-free period: 125 to 180 days

### Setting

ASSOCIATED WELLS:  
Rico LC29-74-1HNA, 76-1HNC  
TRISHA LC29-74HNB, 75HNB, 76HNB  
TINA LC29-75-1HNA, 77-1HNC

### Composition

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

### Description of Haverson

#### Setting

Landform: Stream terraces, flood plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Stratified, calcareous loamy alluvium

#### 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: 1 percent  
Available water capacity: High (about 9.6 inches)

#### Interpretive Groups

Land capability (non irrigated): 4c  
Ecological site: Overflow (R067BY036CO)  
Other vegetative classification: OVERFLOW (067BY036CO)

#### Typical Profile

0 to 12 inches: loam  
12 to 60 inches: stratified sandy loam to loam

### Minor Components

#### Nunn

Percent of map unit: 6 percent

#### Fluvaquentic haplustolls

Percent of map unit: 4 percent  
Landform: Terraces