

## Map Unit Description

Lincoln County, Colorado

### 154 Midway-Razor clay loams, moist, 5 to 15 percent slopes

#### Setting

Elevation: 4400 to 6000 feet  
 Mean annual precipitation: 11 to 16 inches  
 Mean annual air temperature: 46 to 52 degrees F  
 Frost-free period: 135 to 155 days

#### Composition

Midway, moist, and similar soils: 55 percent  
 Razor, moist, and similar soils: 30 percent  
 Minor components: 15 percent

#### Description of Midway, moist

##### Setting

Landform: Hills  
 Down-slope shape: Linear  
 Across-slope shape: Linear  
 Parent material: Slope alluvium derived from shale over residuum weathered from shale

##### Properties and Qualities

Slope: 5 to 15 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): Very low (0.00 to 0.00 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 2.7 inches)

##### Interpretive Groups

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

##### Typical Profile

0 to 4 inches: clay loam  
 4 to 15 inches: clay loam  
 15 to 25 inches: weathered bedrock

#### Description of Razor, moist

##### Setting

Landform: Hills  
 Down-slope shape: Linear  
 Across-slope shape: Linear  
 Parent material: Clayey slope alluvium over residuum weathered from shale

##### Properties and Qualities

Slope: 5 to 15 percent  
 Depth to restrictive feature: 20 to 40 inches to Paralithic bedrock  
 Drainage class: Well drained  
 Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)  
 Frequency of flooding: None  
 Frequency of ponding: None  
 Calcium carbonate maximum: 15 percent  
 Gypsum maximum: 5 percent  
 Salinity maximum: Very slightly saline or slightly saline (4.0 to 8.0 mmhos/cm)  
 Sodium adsorption ratio maximum: 15.0  
 Available water capacity: Low (about 4.7 inches)

##### Interpretive Groups

Land capability (non irrigated): 6e  
 Ecological site: Clayey Plains (R067BY042CO)



## Map Unit Description

Lincoln County, Colorado

### Typical Profile

0 to 2 inches: clay loam  
2 to 21 inches: silty clay  
21 to 27 inches: silty clay  
27 to 37 inches: weathered bedrock

### Minor Components

#### Fort collins soils

Percent of map unit: 4 percent  
Landform: Hills  
Ecological site: Loamy Plains (R067BY002CO)  
Other vegetative classification: LOAMY PLAINS (067XY002CO\_1)

#### Karval soils

Percent of map unit: 4 percent  
Landform: Hills  
Other vegetative classification: GRAVEL BREAKS (067XY063CO\_1)

#### Arvada soils

Percent of map unit: 4 percent  
Landform: Fans, drainageways  
Other vegetative classification: Salt Flat (069AY033CO\_1)

#### Rock outcrop

Percent of map unit: 3 percent  
Landform: Scarps