

## Adams County Area, Parts of Adams and Denver Counties, Colorado

### ReD—Renohill loam, 3 to 9 percent slopes

#### Map Unit Setting

*National map unit symbol:* 34wg  
*Elevation:* 4,000 to 5,600 feet  
*Mean annual precipitation:* 12 to 14 inches  
*Mean annual air temperature:* 48 to 52 degrees F  
*Frost-free period:* 125 to 155 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

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

#### Description of Renohill

##### Setting

*Landform:* Plains  
*Landform position (three-dimensional):* Talf  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Residuum weathered from shale

##### Typical profile

*H1 - 0 to 4 inches:* loam  
*H2 - 4 to 23 inches:* clay  
*H3 - 23 to 28 inches:* clay loam  
*H4 - 28 to 32 inches:* unweathered bedrock

##### Properties and qualities

*Slope:* 3 to 9 percent  
*Depth to restrictive feature:* 20 to 40 inches to paralithic bedrock  
*Natural drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):*  
Moderately low to moderately high (0.06 to 0.20 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum in profile:* 15 percent  
*Salinity, maximum in profile:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Available water storage in profile:* Low (about 4.8 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 4e  
*Land capability classification (nonirrigated):* 6e

*Hydrologic Soil Group:* D  
*Ecological site:* Loamy Plains (R067BY002CO)  
*Hydric soil rating:* No

#### **Minor Components**

##### **Terry**

*Percent of map unit:* 5 percent  
*Hydric soil rating:* No

##### **Shingle**

*Percent of map unit:* 5 percent  
*Hydric soil rating:* No

##### **Samsil**

*Percent of map unit:* 5 percent  
*Hydric soil rating:* No

### **Data Source Information**

Soil Survey Area: Adams County Area, Parts of Adams and Denver Counties,  
Colorado

Survey Area Data: Version 14, Oct 5, 2017