

## Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

### 37—Fughes clay loam, 2 to 6 percent slopes

#### Map Unit Setting

*National map unit symbol:* invj  
*Elevation:* 6,800 to 7,400 feet  
*Mean annual precipitation:* 15 to 20 inches  
*Mean annual air temperature:* 40 to 45 degrees F  
*Frost-free period:* 85 to 105 days  
*Farmland classification:* Prime farmland if irrigated

#### Map Unit Composition

*Fughes and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of  
the mapunit.*

#### Description of Fughes

##### Setting

*Landform:* Mesas, terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Mixed rock alluvium derived from sedimentary  
rock and/or mixed rock colluvium derived from sedimentary  
rock

##### Typical profile

*H1 - 0 to 7 inches:* clay loam  
*H2 - 7 to 18 inches:* clay loam  
*H3 - 18 to 50 inches:* clay loam  
*H4 - 50 to 60 inches:* silty clay loam

##### Properties and qualities

*Slope:* 2 to 6 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Well drained  
*Runoff class:* High  
*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  
*Available water storage in profile:* High (about 11.4 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3e  
*Land capability classification (nonirrigated):* 4c  
*Hydrologic Soil Group:* C

*Ecological site:* Brushy Loam (R048AY238CO)  
*Hydric soil rating:* No

#### **Minor Components**

##### **Empedrado**

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

##### **Pagoda**

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

### **Data Source Information**

Soil Survey Area: Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa  
Counties

Survey Area Data: Version 9, Sep 23, 2016