

## Oakland County, Michigan

### 56A—Urban land-Blount-Lenawee complex, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 6bjg  
*Elevation:* 660 to 980 feet  
*Mean annual precipitation:* 35 to 40 inches  
*Mean annual air temperature:* 50 to 55 degrees F  
*Frost-free period:* 155 to 180 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Urban land:* 65 percent  
*Blount and similar soils:* 20 percent  
*Lenawee and similar soils:* 10 percent  
*Minor components:* 5 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Blount

##### Setting

*Landform:* Knolls on moraines, flats on lake plains, drainageways on moraines, drainageways on lake plains  
*Landform position (three-dimensional):* Rise  
*Down-slope shape:* Linear  
*Across-slope shape:* Convex  
*Parent material:* Loamy ablation till

##### Typical profile

*H1 - 0 to 7 inches:* loam  
*H2 - 7 to 30 inches:* clay  
*H3 - 30 to 60 inches:* silty clay loam

##### Properties and qualities

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Somewhat poorly drained  
*Runoff class:* Low  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low to moderately high (0.06 to 0.57 in/hr)  
*Depth to water table:* About 12 to 36 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 30 percent  
*Available water supply, 0 to 60 inches:* Moderate (about 7.9 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 2w  
*Hydrologic Soil Group:* C  
*Ecological site:* F099XY007MI - Lake Plain Flats  
*Hydric soil rating:* No

## Description of Lenawee

### Setting

*Landform:* Depressions on moraines, depressions on till-floored lake plains, depressions on till plains  
*Landform position (three-dimensional):* Talf  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Clayey glaciolacustrine deposits

### Typical profile

*H1 - 0 to 9 inches:* silty clay loam  
*H2 - 9 to 33 inches:* silty clay loam  
*H3 - 33 to 60 inches:* silty clay loam

### Properties and qualities

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Poorly drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high (0.20 to 0.57 in/hr)  
*Depth to water table:* About 0 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* Frequent  
*Calcium carbonate, maximum content:* 25 percent  
*Available water supply, 0 to 60 inches:* High (about 11.2 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 5w  
*Hydrologic Soil Group:* C/D  
*Ecological site:* F099XY013MI - Wet Lake Plain Flats  
*Hydric soil rating:* Yes

## Minor Components

### Glynwood

*Percent of map unit:* 3 percent  
*Landform:* Knolls on till plains, knolls on moraines  
*Landform position (three-dimensional):* Rise  
*Down-slope shape:* Linear  
*Across-slope shape:* Convex  
*Hydric soil rating:* No

### Aquents

*Percent of map unit:* 2 percent  
*Landform:* Depressions  
*Landform position (three-dimensional):* Talf

*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Hydric soil rating:* Yes

## Data Source Information

Soil Survey Area: Oakland County, Michigan  
Survey Area Data: Version 20, Sep 2, 2021