

Soil Profile Description (Kokomo Silty Clay Loam)

- Ap**— 0 to 9 inches; very dark gray (10YR 3/1) silty clay loam, gray (10YR 5/1) dry; weak fine and medium granular structure; friable; few fine roots; neutral; abrupt smooth boundary.
- A**— 9 to 16 inches; black (10YR 2/1) silty clay loam; moderate fine and medium angular blocky structure; firm; few fine roots; neutral; gradual smooth boundary. (Combined thickness of the A horizon is 10 to 24 inches thick)
- Btg1**— 16 to 31 inches; dark gray (5Y 4/1) silty clay loam; moderate medium and fine subangular and angular blocky structure; firm; few fine roots; many discontinuous distinct olive gray (5Y 5/2) clay films on faces of ped; few discontinuous distinct very dark gray (10YR 3/1) organic coatings in root channels; common medium prominent dark yellowish brown (10YR 4/4) and few medium prominent yellowish brown (10YR 5/6) masses of iron accumulation in the matrix; neutral; gradual smooth boundary.
- Btg2**— 31 to 50 inches; olive gray (5Y 5/2) silty clay loam; moderate coarse subangular blocky structure; firm; few fine roots; many discontinuous distinct olive gray (5Y 5/2) clay films on faces of peds; few discontinuous distinct very dark gray (10YR 3/1) organic coatings in root channels; common coarse prominent strong brown (7.5YR 5/6) and yellowish brown (10YR 5/8) masses of iron accumulation in the matrix; 2 percent rock fragments; neutral; abrupt wavy boundary. (Combined thickness of the Btg horizon is 23 to 45 inches thick)
- 2C**— 50 to 64 inches; brown (10YR 5/3) loam; massive; friable; 2 percent rock fragments; strongly effervescent; moderately alkaline.

Key:

Horizon Designation

Horizon Depth

Color (Munsell Hue, Value, Chroma)

Texture

Structure

Consistence

Redoximorphic Features

Coarse Fragments

Figure 7. Location of important information in soil survey description for use in wastewater treatment soil assessment.