

Site: Dalton/Dickson Prairie

Pedon ID: Dickson Prairie\_D2M

Date Described: 5/1/2008

Location quadrants: 32 degrees 18 minutes 29.1 seconds N  
93 degrees 48 minutes 23.5 seconds W

Landscape: late Pleistocene terrace

Landform: saline prairie

Soil Series Mapped: Bonn

Habitat/landscape position: pimple mound

A--0 to 15 cm; dark yellowish brown (10YR 3/4) very fine sandy loam; weak fine granular structure; very friable; few fine and very fine roots; strongly acid; gradual wavy boundary.

E1—15 to 46 cm; dark yellowish brown (10YR 4/4) very fine sandy loam; weak medium subangular blocky structure; few very fine and fine roots; strongly acid; abrupt wavy boundary.

E2—46 to 61 cm; brown (10YR 5/3) very fine sandy loam; saturated; massive; very friable; few fine and very fine roots; many fine and very fine pores; strongly acid; abrupt smooth boundary

Bt/E1—61 to 84 cm; yellowish brown (10YR 5/4) sandy loam; weak medium subangular blocky structure; friable; few distinct dark yellowish brown (10YR 4/6) clay films on ped faces; common distinct yellowish brown (10YR 5/6 & 5/8) masses of oxidized iron throughout; few fine faint grayish brown (10YR 5/2) masses of reduced iron; strongly acid; clear wavy boundary

Bt/E2—84 to 119 cm; 70% yellowish brown (10YR 5/4) and 30% light brownish gray (10YR 6/2) loam; weak medium subangular blocky structure; friable; common distinct dark grayish brown (10YR 4/2) clay films on ped faces; common medium distinct dark yellowish brown (10YR 4/6) and yellowish brown (10YR 5/6) masses of oxidized iron throughout; neutral; abrupt smooth boundary

Btg1—119 to 157+ cm; 60% grayish brown (10YR 4/2) and 40% strong brown (7.5YR 5/6) sandy clay loam; moderate medium subangular blocky structure; friable; common distinct dark grayish brown (10YR 4/2) clay films on ped faces; few medium distinct strong brown (7.5YR 4/6) masses of oxidized iron throughout; moderately acid.