

Site: Upper Weyerhaeuser Saline Prairie

Pedon ID: Winn Parish\_W2P

Date Described: 4/30/2008

Location quadrants: 31 degrees 52 minutes 19.9 seconds N  
92 degrees 20 minutes 34.1 seconds W

Landscape: late Pleistocene terrace

Landform: saline prairie

Soil Series Mapped: Brimstone

Habitat/Landscape Position: broad flat

A--0 to 13 cm; olive brown (2.5Y 4/3) silt loam; weak medium subangular blocky structure; many fine and very fine roots; neutral; clear wavy boundary.

E—13 to 25 cm; light olive brown (2.5Y 5/3) silt loam; weak medium subangular blocky structure; very few very fine roots; common medium prominent light olive brown (2.5Y 5/6) oxidized iron masses; slightly alkaline; clear smooth boundary.

Bt/E1—25 to 53 cm; light yellowish brown (2.5Y 6/3) and pale yellow (2.5Y7/3) silty clay loam; moderate medium subangular blocky structure; common distinct gray (2.5Y 5/2) and light olive brown (2.5Y 5/4) clay films on ped faces; common medium distinct yellowish brown (10YR 5/6 & 5/8) oxidized iron masses throughout; few fine roots; strongly alkaline; clear wavy boundary.

Btng/E1—53 to 86 cm; grayish brown (2.5Y 5/2) silty clay loam; weak medium prismatic structure parting to weak medium subangular blocky structure; common distinct gray (2.5Y 5/1) clay films on ped faces; few medium prominent olive yellow (2.5Y 6/6) oxidized iron masses throughout; about 40 percent of light gray (2.5Y 7/1) tongues of silty albic material extending vertically (E); strongly alkaline; clear wavy boundary.

Btng/E2—86 to 135 cm; gray (5Y 5/1) silty clay loam; weak medium prismatic structure parting to moderate medium subangular blocky structure; common distinct dark gray (2.5Y 4/1) clay films on ped faces; common medium distinct light olive brown (2.5Y 5/6) oxidized iron masses throughout; about 40 percent light gray (2.5Y 7/1) tongues of silty albic material extending vertically (E); strongly alkaline; clear wavy boundary

BCg—135 to 190 cm; gray (5Y 5/1) silt loam; moderate coarse blocky structure parting to weak platy structure; common medium distinct light olive brown (2.5 Y 5/6) oxidized iron masses throughout; strongly alkaline; clear wavy boundary

Cg1—190 to 213 cm; gray (5Y 5/1) silty clay loam; moderate coarse blocky structure parting to weak platy structure; common medium distinct light olive brown (2.5Y 5/6) masses of oxidized iron throughout; strongly alkaline.