

Site: Rambin Bayou Saline Prairie

Pedon ID: Rambin Bayou\_R3P

Date Described: 3/25/2008

Location quadrants: 32 degrees 13 minutes 3.2 seconds N  
93 degrees 43minutes 47.3 seconds W

Landscape: late Pleistocene terrace

Landform: saline prairie

Soil Series Mapped: Bonn

Habitat/Landscape Position: broad flat

A--0 to 8 cm; dark grayish brown (10YR 4/2) very fine sandy loam; weak fine granular structure; friable; few fine and very fine roots; strongly acid; clear wavy boundary.

E1—8 to 13 cm; grayish brown (2.5Y 5/2) silt loam; massive; very sticky; few very fine roots; slightly alkaline; abrupt smooth boundary.

Btn1—13 to 69 cm; olive (5Y 5/3) silty clay loam; moderate medium prismatic structure parting to moderate medium subangular blocky structure; firm; common distinct grayish brown (10YR 5/2) clay films on ped faces; few fine distinct yellowish brown (10YR 5/6) oxidized iron masses throughout; many fine and very fine pores; few black Mn stains; slight effervescent; very strongly alkaline; clear smooth boundary

Btkn/E1—69 to 99 cm; light olive brown (2.5Y 5/4) clay loam; moderate medium prismatic structure parting to moderate medium subangular blocky structure; firm; common distinct grayish brown (2.5Y 5/2) clay films on ped faces; about 20% pale yellow (2.5Y 7/3) tongues of very fine sandy loam (E material); many medium and coarse distinct yellowish brown (10YR 5/6 & 5/8) oxidized iron masses throughout; few black Mn stains; about 1% CaCO<sub>3</sub> concretions 2 to 10 mm in diameter; strongly effervescent; very strongly alkaline; clear smooth boundary

Btn/E2—99 to 168 cm; light brownish gray (2.5Y 6/2) sandy loam; weak medium prismatic structure parting to moderate medium subangular blocky structure; friable; few distinct grayish brown (2.5Y 5/2) clay films on ped faces; about 20% pale yellow (2.5Y 7/3) tongues of very fine sandy loam (E material); few medium distinct olive yellow (2.5Y 6/8) oxidized iron masses throughout; few black Mn stains; very strongly alkaline; clear smooth boundary

BC—168 to 223 cm; 70% light brownish gray (2.5Y 6/2) and 30% strong brown (7.5YR 5/6) fine sandy loam; massive; very friable; very strongly alkaline.