

Site: Rambin Bayou Prairie

Pedon ID: Rambin Bayou\_R2S

Date Described: 3/25/2008

Location quadrants: 32 degrees 13 minutes 4.1 seconds N  
93 degrees 43minutes 48.4 seconds W

Landscape: late Pleistocene terrace

Landform: saline prairie

Soil Series Mapped: Bonn

Habitat/Landscape Position: slick

A--0 to 10 cm; brown (10YR 5/3) silt loam; weak medium subangular blocky structure; very hard and dry; few fine and very fine roots; very strongly alkaline; clear wavy boundary.

E1—10 to 36 cm; pale brown (10YR 6/3) silt loam; moderate medium subangular blocky structure; very hard and dry; few very fine roots; few streaks of light gray (10YR 7/2) silty material between some peds; very strongly alkaline; abrupt smooth boundary.

Btkn/E1—36 to 104 cm; pale brown (10YR 6/3) silty clay loam; moderate medium prismatic structure parting to moderate medium subangular blocky structure; many distinct light brownish gray (10YR 6/2) clay films on ped faces; about 15 percent light gray (10YR 7/2) tongues of silty albic material extending vertically; common medium distinct yellowish brown (10YR 5/6) oxidized iron masses throughout; many fine and very fine pores; many black Mn stains; about 4 percent CaCO<sub>3</sub> concretions 2 to 10mm in diameter; strongly effervescent; very strongly alkaline; abrupt smooth boundary

2BC—104 to 152 cm; pale olive (5Y 6/3) sandy loam; weak medium subangular structure; firm; common medium distinct olive yellow (2.5Y 6/8) oxidized iron masses throughout; many black Mn stains; very strongly alkaline; abrupt smooth boundary

2C—152 to 218 cm; 60% strong brown (7.5YR 5/6) sandy loam and 40% pale olive (5Y 6/3) fine sandy loam; massive; friable; very strongly alkaline.