

Site: Rambin Bayou Saline Prairie

Pedon ID: Rambin Bayou_R1M

Date Described: 3/25/2008

Location quadrants: 32 degrees 13 minutes 4.7 seconds N
93 degrees 43minutes 48.5 seconds W

Landscape: late Pleistocene terrace

Landform: saline prairie

Soil Series Mapped: Bonn

Habitat/Landscape Position: pimple mound

A--0 to 2.5 cm: dark grayish brown (10YR 4/2) very fine sandy loam; weak fine granular structure; very friable; many fine and very fine roots; strongly acid; clear smooth boundary.

E1—2.5 to 15 cm; brown (10YR 5/3) very fine sandy loam; weak fine granular structure; very friable; common very fine roots; strongly acid; clear smooth boundary.

E2—15 to 23 cm; light olive brown (2.5Y 5/3) very fine sandy loam; weak medium subangular blocky structure; friable; few fine distinct yellowish brown (10YR 5/6 & 5/8) oxidized iron masses throughout; few fine roots; strongly acid; strongly acid; clear wavy boundary.

E3—23 to 48 cm; brown (10YR 5/3) very fine sandy loam; weak medium subangular blocky structure; common medium distinct yellowish brown (10YR 5/6) and few fine prominent strong brown (7.5YR 5/6) oxidized iron masses throughout; moderately acid; moderately alkaline; clear wavy boundary.

Btn1—48 to 69 cm; light yellowish brown (2.5Y 6/3) loam; moderate medium subangular blocky structure; few distinct grayish brown (2.5Y 5/2) clay films on ped faces; common medium distinct yellowish brown (10YR 5/6) and strong brown (7.5YR 5/6) oxidized iron masses throughout; many fine and very pores; moderately alkaline; clear wavy boundary

Btn2—69 to 94 cm; light yellowish brown (2.5Y 6/3) silty clay loam; weak medium prismatic structure parting to moderate medium subangular blocky structure; firm; common distinct dark grayish brown (2.5Y 4/2) clay films on ped faces; few fine distinct yellowish brown (10YR 5/6) oxidized iron masses throughout; few black Mn stains; moderately alkaline; moderately alkaline; clear wavy boundary

Btn/E1—94 to 145 cm; light yellowish brown (2.5Y 6/3) silt loam; weak medium prismatic structure parting to a moderate medium subangular blocky structure; firm; common distinct light olive brown (2.5Y 5/4) clay films on ped faces; few fine distinct yellowish brown (10YR 5/6) masses of oxidized iron throughout; few black Mn stains; few streaks of barite; very strongly alkaline; abrupt smooth boundary.

Btn/E2—145 to 188 cm; grayish brown (2.5Y 5/2) silty clay loam; moderate medium blocky structure; firm; common distinct dark grayish brown (2.5Y 4/2) clay films on ped faces; few black Mn stains; about 15 percent light gray (2.5Y 7/2) tongues of silty albic material extending vertically; few fine distinct yellowish brown (10YR 5/6) masses of oxidized iron throughout; very strongly alkaline; clear smooth boundary.

BC—188 to 221 cm; light olive gray (5Y 5/1) and yellowish brown (10YR 5/8) sandy loam; weak medium subangular blocky structure; friable; few black Mn stains; very strongly alkaline.