

Pedon 8

This series consists of very deep, poorly drained, moderately permeable soils that formed in thick loamy sediments on marine terraces. The soils are on nearly level flats or depressions on the Coastal Plains. Slopes are less than 2 percent.

TYPICAL PEDON: Pedon 2 sandy loam - forested. (Colors are for moist soil.)

_____ --0 to 7 inches; very dark gray (10YR 3/1) sandy loam; weak fine granular structure; very friable; many fine and medium roots; very strongly acid; clear smooth boundary. (4 to 10 inches thick)

_____ --7 to 12 inches; light brownish gray (10YR 6/2) sandy loam; weak fine granular structure; very friable; many fine and few medium roots; many fine pores; few fingers of A horizon in upper part; very strongly acid; clear wavy boundary. (0 to 11 inches thick)

_____ --12 to 20 inches; gray (10YR 6/1) sandy loam; weak coarse subangular blocky structure; friable; few fine and medium roots; many fine pores; sand grains coated and bridged with clay; few medium prominent yellowish brown (10YR 5/6) masses of iron accumulation in lower half; very strongly acid; gradual wavy boundary.

_____ --20 to 40 inches; gray (10YR 6/1) sandy clay loam; weak medium subangular blocky structure; friable; few fine and medium roots; many fine pores; few faint clay films on faces of peds; few small pockets of gray sandy loam; common medium prominent yellowish brown (10YR 5/6) masses of iron accumulation; few fine prominent red masses of iron accumulation; very strongly acid; gradual wavy boundary.

_____ --40 to 52 inches; gray (10YR 6/1) sandy clay loam; weak medium subangular blocky structure; firm; few fine pores; few faint clay films on faces of peds; few fine and medium prominent red (2.5YR 4/6), and few fine and medium prominent yellowish brown (10YR 5/6) masses of iron accumulation; very strongly acid; gradual wavy boundary.

_____ --52 to 62 inches; gray (10YR 6/1) sandy clay loam; weak medium subangular blocky structure; friable; few faint clay films on faces of peds; few medium prominent brownish yellow (10YR 6/6) masses of iron accumulation; very strongly acid; gradual wavy boundary.

_____ --62 to 79 inches; gray (10YR 6/1) sandy clay loam; weak coarse subangular blocky structure; friable; few fine distinct brownish yellow masses of iron accumulation; very strongly acid; gradual wavy boundary. (0 to 20 inches thick)

_____ --79 to 85 inches; light gray (10YR 7/1) sand; single grained; loose; very strongly acid.

TYPE LOCATION: Florence County, South Carolina; 2 miles southeast of Timmonsville; 1.1 miles south of intersection of State Highway 45 and U. S. Highway 76; and 150 feet west of State Highway 45.

GEOGRAPHIC SETTING: Rains soils are on nearly level flats and slight depressions in the Southern Coastal Plain. Slopes are less than 2 percent. The soil formed in loamy Coastal Plain sediments. Mean annual temperature ranges from 59 to 64 degrees F, and mean annual precipitation ranges from 38 to 54 inches.

DRAINAGE AND PERMEABILITY: Poorly drained; slow runoff; moderate permeability.

USE AND VEGETATION: Much of the soil is in forest, mainly of pond and loblolly pine with some hardwoods. A large acreage is used for growing corn, soybeans, and small grains.

National Cooperative Soil Survey
U.S.A.