

LUMBERTON  
 PRISON Farm Research Station

60/70 - 39" of CORE

0-16" - med lt gry (NG) compact clay - 5-10% fine of  
 gty, lig & mic at top - sand dec in % toward  
 bottom but size inc slightly

16"-39" - core grades into a cly, micaceous, fine-gr, shaly set  
 at bottom - lignite is present in tr to mm  
 amounts some of which is coated w/ sulfur bloom

220/225 11" of core

mottled brown, pink, & yellow grey, mostly cl  
 w/ variable amounts (5-10% overall) of v-fine  
 shaly gty sd; mic → com of mic; tr lig

225/230 4' of core

relatively homogeneous brown to yellow grey, cly set;  
 mostly fine-gr shaly gty. v. fine, probably a good  
 amount of fine matl is slt, com mic. v small %  
 of sd is stained yellow

230/240 5' of core

except for bottom few inches core is mixed sl, slt,  
 & v-f of sd. red & purplish red mottling is prominent.  
 unstained matl is lt gry - bottom grades quickly  
 into cly or slty set with fine & med-gr, shaly,  
 str a mm amt of which is rose str - mic com entire core

290/294 9 1/2" of core

pksh gry (5YR 8/1) w/ rdsh & oych mott;  
-mixed cl, sd, & alt; vf → fine gty sd, to some gty;  
com fr mic; bottom of core much finer

294/300 48" of core

0-12" as 290/294

24-42" cse gty sand mixing into mottling is lighter shade; more fine mic; to some gty

42"-48" Sst: med gr, avg, poorly set gty; com fgr  
more mic; more gty peb; wht cl cont; relatively little Fe-stn; mott

300/318 48" of core

0-27" Sst: pale red (5R 6/2) overall color due to red mottling of clay matrix; abd v cse sd → pebb exp in middle part of section; mostly shaly gty w/ few conspicuous fgr peb; generally friable to mic com fgr in med → cse fraction

27"-40" alt Sst: yelsh gry → yelsh brn fgr → v fr <sup>avg</sup> mod  
whit gty; com gty & fgr pebbles; relatively little mott; more mic

40-48" same as 27"-40" except all pebbles are absent