

SOIL DESCRIPTION

Soil type Cataula? File No. \_\_\_\_\_

Area Calhoun Exp. Forest Date 3-2-11 Stop No. \_\_\_\_\_

Classification \_\_\_\_\_

Location Union S.C.

N. veg. (or crop) Loblolly Pine Climate \_\_\_\_\_

Parent material \_\_\_\_\_

Physiography Upper BS

Relief Normal Drainage \_\_\_\_\_ Salt or alkali \_\_\_\_\_

Elevation \_\_\_\_\_ Gr. water \_\_\_\_\_ Stoniness \_\_\_\_\_

Slope 2% Moisture moist

Aspect \_\_\_\_\_ Root distrib. \_\_\_\_\_ % Clay \* \_\_\_\_\_

Erosion None slight % Coarse fragments \* \_\_\_\_\_ % Coarser than V.F.S. \* \_\_\_\_\_

Permeability \_\_\_\_\_

Additional notes

MLB/HEH/SH/DD

UTM Zone - 17 433798E 3829819N

34° 36' 29.1" N

81° 43' 19.4" W

\* Control section average

Horizon	Depth cm	Color		Texture	Structure	Consistence			Reaction	Boundary	MICA	GRVL	Roots
		<u>Moist</u>	<u>Dry</u>			Dry	Moist	Wet					
<u>Oe</u>	<u>0-5</u>	—	—	—	—	—	—	—	—	<u>As</u>	—	—	—
<u>A</u>	<u>5-23</u>	—	<u>10YR4/4</u>	<u>IS</u>	<u>IFGr</u>	—	<u>VFF</u>	—	<u>6.0</u>	<u>CS</u>	—	<u>1%</u>	<u>VF/VF</u>
<u>E</u>	<u>23-48</u>	—	<u>2.5Y6/4</u>	<u>IS</u>	<u>IFGr</u>	—	<u>VFF</u>	—	<u>6.2</u>	<u>CS</u>	—	<u>1%</u>	<u>VF/VF</u>
<u>Bt1</u>	<u>48-56</u>	—	<u>2.5Y6/6</u>	<u>SC</u>	<u>IFSBK</u>	—	<u>Ff</u>	—	<u>5.2</u>	<u>As</u>	—	<u>1%</u>	<u>VF/M</u>
<u>Bt2</u>	<u>56-75</u>	<u>F2F 10YR5/6</u>	<u>10YR5/4</u>	<u>C</u>	<u>2MSBK</u>	—	<u>Fi</u>	—	<u>6.2</u>	<u>CS</u>	—	<u>2%</u>	<u>VF/M</u>
<u>Bt3</u>	<u>75-94</u>	<u>C2F 10YR5/6</u> <u>C3P 5YR5/6</u> <u>C2F 2.5Y6/6</u> <u>F1P 10YR6/3</u>	<u>10YR5/6</u>	<u>C</u>	<u>2MSBK</u> <u>Partly platy</u>	—	<u>Fi</u>	—	<u>6.2</u>	<u>GW</u>	—	<u>5%</u>	<u>VF</u>
<u>Bt4</u>	<u>94-124</u>	<u>M3P 2.5YR4/6</u> <u>M3P 2.5Y6/4</u> <u>C3P 2.5Y7/2</u>	<u>7.5YR5/6</u>	<u>C</u>	<u>2MSBK</u> <u>Partly platy</u>	—	<u>Fi</u>	—	<u>6.2</u>	<u>CW</u>	—	<u>4%</u>	—
<u>Btx</u>	<u>124-180</u>	<u>M3P 7.5YR5/6</u> <u>C2F 10YR5/3</u> <u>C2F 2.5Y7/2</u>	<u>2.5YR4/6</u> <u>2.5Y7/1</u>	<u>C</u>	<u>strong platy</u>	—	<u>Fi</u>	—	<u>6.2</u>	<u>GW</u>	—	<u>5%</u>	<u>at top</u>
<u>Bct</u>	<u>180-203</u>	<u>M3P 2.5Y7/1</u> <u>C2P 2.5Y7/3</u>	<u>10YR6/8</u> <u>2.5YR4/8</u>	<u>C1</u>	—	—	<u>Fi</u>	—	<u>6.2</u>	—	—	—	—