



# LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft <sup>2</sup> )	SAPROLITE LTAR (gpd/ft <sup>2</sup> )	LPP LTAR (gpd/ft <sup>2</sup> )	MINERALOGY/ CONSISTENCE		STRUCTURE			
						MOIST	WET				
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 - 0.6	MOIST	WET	SG (Single grain)			
CV (Convex Slope)		LS (Loamy sand)		0.5 - 0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)			
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 - 0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)			
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)			
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)			
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)			
L (Linear Slope)		CL (Clay loam)		None		None	None	None	EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)							P (Plastic)		
R (Ridge/summit)		Si (Silt)								VP (Very plastic)	
S (Shoulder slope)		SC (Sandy clay)							SEXP (Slightly expansive)		
T (Terrace)	SiC (Silty clay)	EXP (Expansive)									
TS (Toe Slope)	C (Clay)										
	O (Organic)		None								

\* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.  
 \*\*Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

- HORIZON DEPTH** In inches below natural soil surface
- DEPTH OF FILL** In inches from land surface
- RESTRICTIVE HORIZON** Thickness and depth from land surface
- SAPROLITE** S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.
- SOIL WETNESS** Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
- CLASSIFICATION** S (Suitable) or U (Unsuitable)

**Show profile locations and other site features (dimensions, reference or benchmark, and North).**

