DEPARTMENT OF HEALTH AND HUMAN SERVICES DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION ON-SITE WATER PROTECTION BRANCH

PROPO LOCA	TION OF SITE:	Min: Stora	Hally Sp. 40,0005.9PR	OPOSED DESIGN F			PROPE	ERTY SIZE	ORDED:	
	R SUPPLY: UATION METH		gle Family Well or Boring Pit		Spring Oth PE OF WASTE				SETBACK: Strength	IPWW
P R O F	ONTION WEITH	OD. Auge		RPHOLOGY			LE FACTORS		Strength	
L E #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
1	2%,	0-48	56,30 1044-104	YFG, NS, NP, SE		48"			.6	
		0.26								
	t%, tS	26-48	SL, g' SCL, SBK	FC, NS,NP,SE		48''			,5	
3										
4					-					
Availab System Site LT. Maximu	ESCRIPTION le Space (.0508) Type(s) AR um Trench Depth ents:	15%. . 5 . 18 - 39	Red 25%	SITE CLAS EVALUAT OTHER(S)	SIFICATION (ED BY: R (PRESENT:	.0509):	5			

LEGEND

LANDSCAPE SOIL POSITION GROUP		SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)		S (Sand)		0.6 - 0.8		MOIST	WET	SG (Single
CV (Convex Slope)		LS (Loamy sand)	0.8 - 1.2	0.5 -0.7	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	п	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)		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)	III	CL (Clay loam)		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)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						-
		O (Organic)	None					

HORIZON DEPTH

In inches below natural soil surface

DEPTH OF FILL

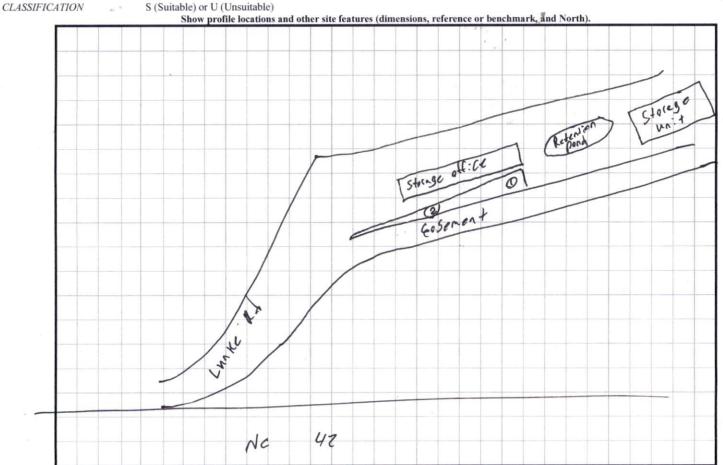
In inches from land surface Thickness and depth from land surface

RESTRICTIVE HORIZON **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 design



^{*} 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.