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

	Page 1 of	
PROPERTY ID #:		
COUNTY:		

OWNE	R: BriTTan	Johns	01	ALUATION for ON- (Complete all f		WATER SY		TE EVALU	ATED:	
PROPO LOCA	OSED FACILITY TION OF SITE:	SAME	m H PR	OPOSED DESIGN I	FLOW (.0400): Spring Oth		PROPE	ERTY REC	ORDED:	
EVAL	UATION METH	OD: Auge	er Boring Pit		PE OF WASTE					IPWW
P R O F I			SOIL MORPHOLOGY		OTHER PROFIL		LE FACTORS			
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	2-52	0-13	\$5 \$C1	Flaplaxe	10412 7/2 > 36"	>48`'	_	_	5.4	
		- 11								
2	2-52	0-14	LS Sci	Filssplsxe	10 YR 7/2 232	> 48 [*]	_	_	5	
3	2-5%	0-14	25 501	Folmspluxe FolssplsxP	104R 7/2 202	>48"	_	_	5,4	
4										
	ESCRIPTION le Space (.0508)	INITIAL SYS	STEM REPAIR SY		SSIFICATION (.	0509):	s			

LEGEND

LANDSCAPE POSITION	SOIL 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	100 14 200 2	MOIST	WET	SG (Single grain)			
CV (Convex Slope)	ı	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)	(Silt S (San lo CL (Cla S (Silty cl	SiL (Silt loam)		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)	0.3 - 0.6	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)				1				SEXP (Slightly expansive)	
T (Terrace)	IV	IV SiC (Silty clay) 0.1 - 0.4		0.05 - 0.2	EXP (Expansive)						
TS (Toe Slope)		C (Clay)	f5								
		O (Organic)	None								

^{*} Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

HORIZON DEPTH

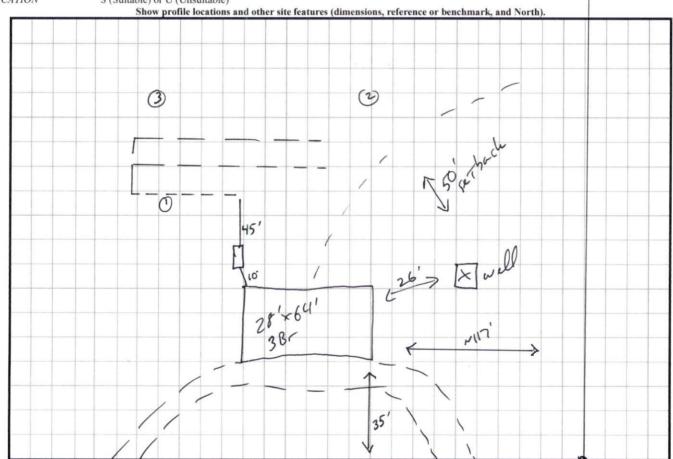
DEPTH OF FILL In inches from land surface

RESTRICTIVE HORIZON

SAPROLITE

Thickness and depth from land surface S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

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 SOIL WETNESS CLASSIFICATION S (Suitable) or U (Unsuitable)



^{**}Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200. In inches below natural soil surface