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

	Page 1 of
PROPERTY ID #:	
COUNTY:) FILE

SOIL/SITE EVALUATIO	N for ON-SIT	E WASTEWAT	ER SYSTEM
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ATE	FION OF SITE: R SUPPLY:	Public Sin	Same gle Family Well		1 0		WATE		SETBACK:	
P R O F	JATION METH	OD: (Auge	soil Mo	Cut TYP RPHOLOGY	OTHER	WATER:	Domesti E FACTO		Strength	IPWW
I 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 CORRI CTION
1	L 2-5%	0-24	LS Sei	Filssp/szp	104Rb/2 >34"	>48"	-	_	5.4	
2	2.5%	0-24	LS Sci	FI/NP/NAP Fi/ssp/sxp	104R6/1 > 25"	><\8'			5	
3	L 2-5%	0-18	LS SCI	FJNSP/NXP Fi/ssp/sxP	10yR6/1 >36"	>48 [°]	_		5.4	
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SITE CLASSIFICATION (.0509):

OTHER(S) PRESENT: A.W.

EVALUATED BY:

Maximum Trench Depth

System Type(s)

Site LTAR

Comments:

25% red

.4

22"

25% red

.4

23"

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)						MINERALOGY/ CONSISTENCE	
CC (Concave slope)		S (Sand)			0.6 - 0.8		MOIST	WET	SG (Single grain)		
CV (Convex Slope)	1	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)	- 11	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)			0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)		
H (Head slope)		SCL (Sandy clay loam)		0.0	05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)		
L (Linear Slope)	III	CL (Clay loam)	0.3 - 0.6				EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)		
N (Nose slope)		SiCL (Silty clay loam)			None			P (Plastic)			
R (Ridge/summit)		Si (Silt)				,		VP (Very plastic)			
S (Shoulder slope)		SC (Sandy clay)					SEXP (Slightly expansive)				
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4			0.05 - 0.2	EXP (Expansive)				
TS (Toe Slope)	1	C (Clay)									
		O (Organic)	None								

HORIZON DEPTH DEPTH OF FILL

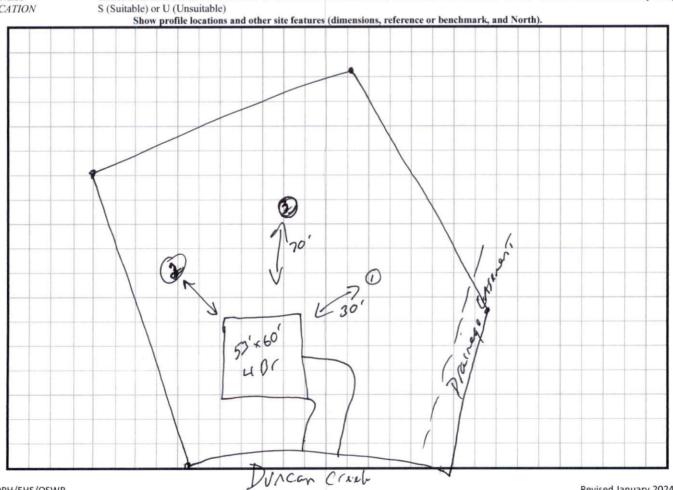
In inches below natural soil surface In inches from land surface

RESTRICTIVE HORIZON

Thickness and depth from land surface

SAPROLITE SOIL WETNESS 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

CLASSIFICATION



^{*} 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.