* p:ts were conducted to

DEPARTMENT OF HEALTH AND HUMAN SERVICES

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DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION Eval water Supporting the bactor of PROPERTY ID #: SFD 2411-0057 ON-SITE WATER PROTECTION BRANCH Contractor Septic

COUNTY: Harnett

Soil Notes

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

DDRESS ROPOSEI OCATION ATER SU	PRB + : 437 P D FACILITY N OF SITE: _	Adams Pri	ate et				DILL	LLVALU	AILD.	-
VALUAT P R O				OPOSED DESIGN I			PROPE	ERTY SIZ	ORDED:	
P R O	UPPLY: (E		gle Family Well er Boring Pit		Spring Oth PE OF WASTE	er WATER:	Domest		SETBACK: Strength	IPWW
			SOIL MORPHOLOGY		OTHER PROFIL		LE FACTORS			
# P	.0502 ANDSCAPE OSITION/ 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
P.19	2%	0-6	56,51	1		48'				
4.	15	6.34	Sel, san	FI, 55, 50, SE				.3		
1		34-48	sop M			5				
p.+5	2%	0-4	56,91			72'				
2		4-29 29-72"	Sel SBK Sep, M	FI,55,5p,SE	8 . 6.			r	.3	
	in go		7/							
						1				
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4				1	1 99 2					
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DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM				
Available Space (.0508)			SITE CLASSIFICATION (.0509):			
System Type(s)	25%, 20	50%. Res	EVALUATED BY: K			
Site LTAR	. 3	. 3	OTHER(S) PRESENT:			
Maximum Trench Depth	18-29	18-29				
Comments:						

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)	1	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)	.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)	- 1, 3 ° 3 24	0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)	
FS (Foot slope)		SiL (Silt loam)	.2	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)	
H (Head slope)		SCL (Sandy clay loam)	0.3 - 0.6	0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)	
L (Linear Slope)	III	CL (Clay loam)				EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)	
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)		
R (Ridge/summit)		Si (Silt)		None		30	VP (Very plastic)		
S (Shoulder slope)		SC (Sandy clay)	14	15,000	0.05 - 0.2	SEXP (Slightly expansive)			
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4			EXP (Expansive)			
TS (Toe Slope)		C (Clay)						-	
		O (Organic)	None						

HORIZON DEPTH DEPTH OF FILL

In inches below natural soil surface In inches from land surface

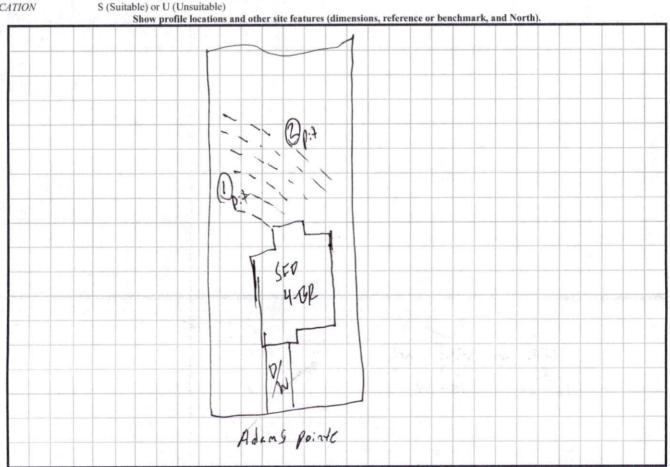
RESTRICTIVE HORIZON

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



^{*} 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.