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

PROPERTY ID #: 5FD 2407-063

COUNTY: #4100++

OWNE		Hames Shelby		ALUATION for ON (Complete all		WATER SY		TE EVALU	JATED: 9.	10 24
PROPO	ESS: 199 SED FACILITY	SHELD	PR	OPOSED DESIGN	FLOW (.0400):	360	PROP	ERTY SIZ		
	TION OF SITE:	0.11	1 5 2 17 11	Cl 1 W 11	C . O.1			ERTY REC		
	R SUPPLY: S		gle Family Well er Boring Pit	Shared Well Cut TY	Spring Oth PE OF WASTE	er	Domest		SETBACK: Strength	IPWW
	ATION METH	Auge	Boring Fit	Cut 11	FE OF WASTE	WATER	Domest	nc Trigil	Suengui	II W W
P R O F I			SOIL MORPHOLOGY		OTHER PROFILE FACTOR			ORS		
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
	2.3%	0-20	56, 31							
	15	20-38	SCL, SBK	FISS, NP, SE	7.5yR	4811			.35	
1, 3, 4		38 - 48	CL, WK SBK	122/14/24	7/12 38					
2	2-3% LS	0-39	SL gc	6.66 5 45	7.5/R //	48"				
2		30-38 38-48	SCL, SBK CL, SBK	Fr, 55, Ne, SE	7/1=38	-18			,35	
3										
4										
DI	ESCRIPTION	INITIAL SY	SPÉM REPAIR S	YSTEM						
Availabl	e Space (.0508)		/		SSIFICATION (.0509): 5				
System '			led 25%	EVALUAT	SSIFICATION (ED BY: _ /LL PRESENT: _					
Site LTA	MR m Trench Depth	18 -2	, 33		FRESENT:					
Comme		10 -2	6 18-2	6						

LEGEND

LANDSCAPE SO POSITION GRO		SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LPP LTAR LTAR (gpd/ft²) (gpd/ft²)		MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)		S (Sand)		0.6 - 0.8		MOIST	WET	SG (Single grain)
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)	. 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)	0.3 - 0.6	0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**	0.15 - 0.3	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			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)	1	C (Clay)						-
		O (Organic)	None					

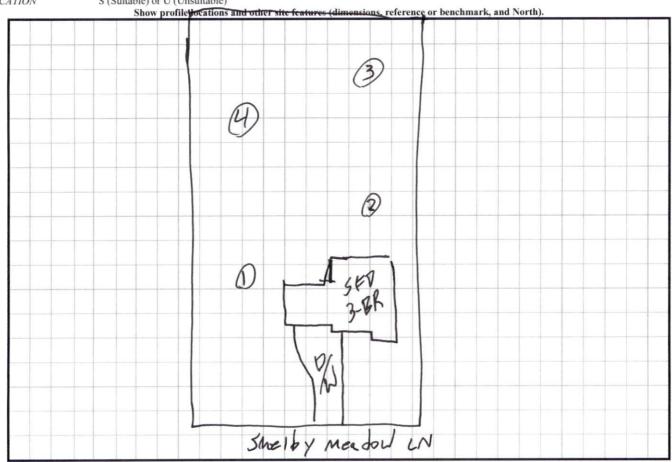
HORIZON DEPTH In inches below natural soil surface

DEPTH OF FILL In inches from land surface RESTRICTIVE HORIZON

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

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)



^{*} 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.