PROPERTY ID #: Bres 2406. 001

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM (Complete all fields in full)

OWNE	ER: Moore	Pongles	1 6	(Complete all 1	icius in iuii)		DA'	TE EVALU	ATED: 6	-28-29
PROPO LOCA	OSED FACILITY TION OF SITE:	Melal	PA: Iding PR	OPOSED DESIGN I	FLOW (.0400):	120		ERTY SIZE		
	ER SUPPLY:		ngle Family Well			ner			SETBACK:	
	UATION METH		er Boring Pit		PE OF WASTE		Domest	ic High	Strength	IPWW
P R O F I			SOIL MORPHOLOGY		ОТНЕ	R PROFII	LE FACTORS			
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	1-2%	D-18 18-48	SL, g (SL, SBK	F1,55, AP,5E		48"			.35	
2	1-2%	0 - 26 26-48	SL, 9/ SCL, SBK	Fr, SS, NP, SE		48"		3	. 35	
3,4	2-3%	0-36 36-48	SC, gr SCL, SBK	Fr, SS, AP, SE	,	48"			.4	
4										

INITIAL SYSTEM	REPAIR SYSTEM	
	/	SITE CLASSIFICATION (.0509): 3
25% lel	25% Res	EVALUATED BY: RL
.35	. 35	OTHER(S) PRESENT:
18 - 30"	18-24"	
	25% le	25% les 25% les . 35 . 35

LEGEND

LANDSCAPE SOIL GROUP		SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)		S (Sand)	0.8 - 1.2	0.6 - 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)	1	LS (Loamy sand)		0.5 -0.7	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	Ш	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)	III	SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		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)	IV	SC (Sandy clay)			0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)	0.1 - 0.4			EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

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

HORIZON DEPTH

In inches below natural soil surface

DEPTH OF FILL

In inches from land surface Thickness and depth from land surface

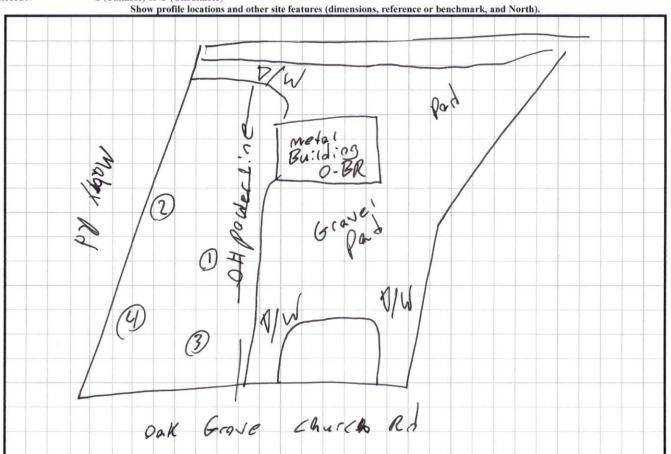
RESTRICTIVE HORIZON

SAPROLITE

SOIL WETNESS CLASSIFICATION 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

S (Suitable) or U (Unsuitable)



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