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

	Page 1	of
PROPERTY ID #:		
COUNTY:		

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM (Complete all fields in full) DATE EVALUATED: DATE EVALUATED: DATE EVALUATED: PROPOSED FACILITY: COCATION OF SITE: DOCATION OF										
P R O F I L .0502			SOIL MORPHOLOGY		OTHER PROFILE FA				.0509	.0503
#	LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	PROFILE CLASS & LTAR*	SLOPE CORRE CTION
1	L 5-7%	0-10	45)	10/27/1 = 36°				5,4	
_		0 - 11			,					
2	L 5-7%	0-11	SCI		10 ye7/1 236"	>48"			5	
3	L 5-7%	0-10	LS SCI		104R7/1 = 36"	×48°			5.4	
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s)	-		EVALUATED BY:
Site LTAR	- 4	.4	OTHER(S) PRESENT:
Maximum Trench Depth	24	24	
0			

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)		0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)			
CV (Convex Slope)		LS (Loamy sand)	0.8 - 1.2	0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)			
D (Drainage way)		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)	III	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)							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								

* 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. HORIZON DEPTH In inches below natural soil surface

DEPTH OF FILL RESTRICTIVE HORIZON

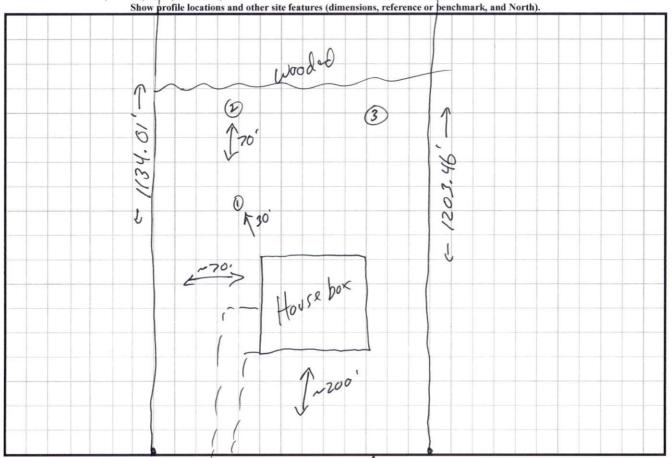
Thickness and depth from land surface

S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits. **SAPROLITE** SOIL WETNESS

In inches from land surface

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)

CLASSIFICATION



Ernest brown rd