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

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

OCA'	OSED FACILITY FION OF SITE: R SUPPLY: J JATION METH	Public Sin	gle Family Well Pit	Shared Well Cut TY	Spring Other	er	PROPE		ORDED: SETBACK:_	IPWW
P R O F	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY		отнев	E FACTORS				
L E			.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
1,3	2%.	0- 2 2-48	SCL, SEK	FLSS, SP, SE		48"			.3	
1 4/5/ 27	2%	0-13 " 13-44" 44-48"	SCL 588; CL, USBA	FISS,SP,SE	7.5/L 7/1=44 ^U	48 ^M			.3	
6	1% 15	0-12 12-31 31-48	SL, 3° SCL, SBK CL, SBX	F3,55, 89,5F	75/K 7/1=31"	48"			.3	
4										

Comments:			
Maximum Trench Depth	18-191	18-28/1	A ₁
Site LTAR	.3	.7	OTHER(S) PRESENT:
System Type(s)	23% Les	25% kel	EVALUATED BY: 4
Available Space (.0508)			SITE CLASSIFICATION (.0509):
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	

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)		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)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)	
L (Linear Slope)	III	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)				164 8 L	VP (Very plastic)		
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive) EXP (Expansive)		2 %	
T (Terrace)		SiC (Silty clay)							
TS (Toe Slope)		C (Clay)							
		O (Organic)	None						

HORIZON DEPTH

In inches below natural soil surface In inches from land surface

DEPTH OF FILL RESTRICTIVE HORIZON

Thickness and depth from land surface

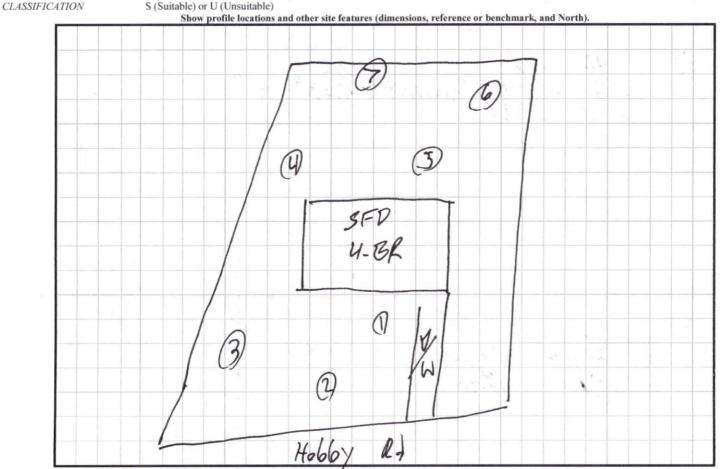
SAPROLITE

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

SOIL WETNESS

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)



^{*} 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.