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

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PROPERTY ID #:		
COUNTY:		

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

OWNER:

ADDRESS:

PROPOSED FACILITY: 4 BOOM PROPOSED DESIGN FLOW (.0400): 1700 PROPERTY SIZE:
LOCATION OF SITE:

WATER SUPPLY: Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK:

P R O F	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY		OTHER PROFILE FACTO				Strength	IPWW
I 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	2-3	0-16	6 SL 58X SCL	VATURATE SILSE					5	
2	Ls 2-5	0-18	65L 58X 3CL	VAD NOT HP FR S/ SP	107R7) de 197 (HC21204) (HTERFICE)				s <sub>.4</sub>	
3		0-16	G 5 L 58 X 5 C L	VFD 125/49 PD 5/58					5,7	
4										

Available Space (.0508)	1	/	SITE CLASSIFICATION (.0509):
System Type(s)	or forva	FICEPTED	EVALUATED BY:
Site LTAR	.4	.4	OTHER(S) PRESENT:
Maximum Trench Depth			

## **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)		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)	ıı	п	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4	3.3	FR (Friable)	S (Sticky)	SBK (Subangular blocky)		
FS (Foot slope)	111	SiL (Silt loam)		0.1 - 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)				0.15 - 0.3	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)	1		
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)				- 1				
	1-	O (Organic)	None							

<sup>\*</sup> Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

HORIZON DEPTH DEPTH OF FILL

In inches below natural soil surface

RESTRICTIVE HORIZON

In inches from land surface Thickness and depth from land surface

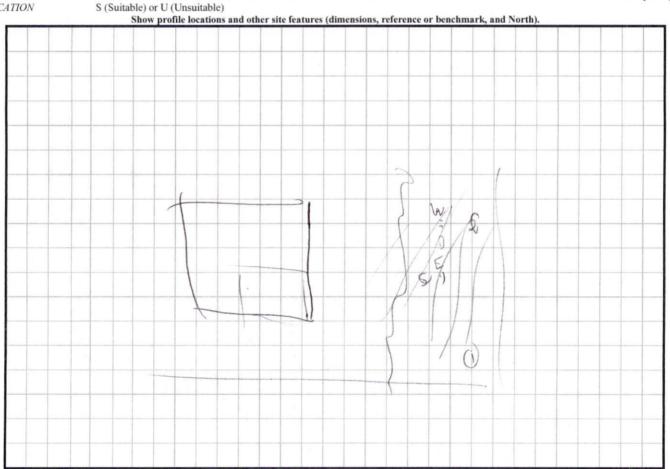
**SAPROLITE** 

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

CLASSIFICATION



<sup>\*\*</sup>Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.