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PROPERTY ID #:	
COUNTY:	

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full) OWNER: DATE EVALUATED: ADDRESS: PROPOSED DESIGN FLOW (.0400): PROPOSED FACILITY: PROPERTY SIZE: LOCATION OF SITE: PROPERTY RECORDED: WATER SUPPLY SETBACK: WATER SUPPLY: Public Single Family Well Shared Well Spring Other TYPE OF WASTEWATER: **EVALUATION METHOD:** Auger Boring Domestic High Strength **IPWW** Pit Cut R SOIL MORPHOLOGY OTHER PROFILE FACTORS 0 L .0502 .0504 .0509 .0503 LANDSCAPE HORIZON .0505 .0506 .0507 **PROFILE** SLOPE .0503 .0503 SOIL POSITION/ DEPTH STRUCTURE/ CONSISTENCE/ WETNESS/ SOIL SAPRO RESTR CLASS CORRE **SLOPE % TEXTURE** MINERALOGY COLOR DEPTH CLASS HORIZ & LTAR* CTION (IN.) 0-8 8-27 27-3 4 DESCRIPTION INITIAL SYSTEM REPAIR SYSTEM

Site LTAR Maximum Trench Depth Comments: Will deed to bring in Cover Soil For Septic Diain Field Aren (Group II or Group I soils)

OTHER(S) PRESENT:

SITE CLASSIFICATION (.0509):

EVALUATED BY:

MR. REH

Available Space (.0508)

System Type(s)

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)	II	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		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)		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)		SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Expansive)			
TS (Toe Slope)	C (Clay)								
		O (Organic)	None						

HORIZON DEPTH DEPTH OF FILL

In inches below natural soil surface In inches from land surface

RESTRICTIVE HORIZON

Thickness and depth from land surface

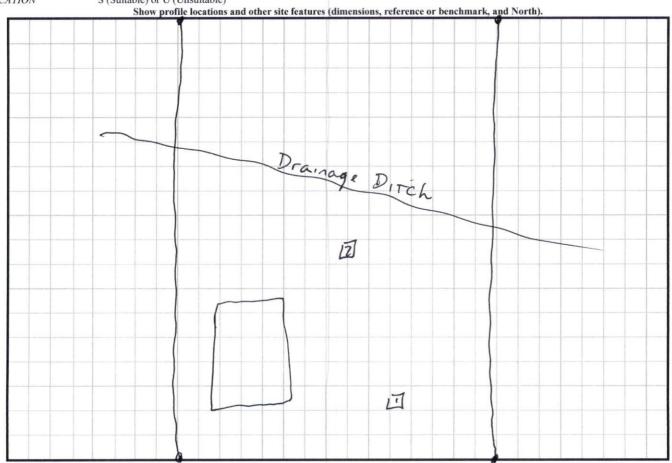
SAPROLITE

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

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.