PROPERTY ID #: SFO 2405-018
COUNTY: Hernoll

## SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

	R: Bass Ter			(Complete all	fields in full)		DA	TE EVALU	ATED:	12-24
PROPO	ESS: 1876 OSED FACILITY FION OF SITE:	Neishbi		OPOSED DESIGN	FLOW (.0400):	600		ERTY SIZ		
	R SUPPLY: UATION METH		ngle Family Well er Boring Pit	Shared Well Cut TY	Spring Oth PE OF WASTE	er	WATE Domest		SETBACK: Strength	IPWW
P R O F		OD. Muga	SOIL MORPHOLOGY		OTHER PROFIL				Strength	I w w
I L 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, 2, 3	2% LS	0-16	SL, g' SCL, SON	Fr, SS,NP,SE	7.5y R 7/1=16"	48"			,35	
4/5/	2%	0-30 30-48	Sc, 3°	Fr, 45, 28,58		484			.4	
677	2%	0 - 29 20 - 48	51, 9° 51, 58K	Fr, 55, 49,5\$		48"			.4	
KOB B	2%	0-15 15-48	SL, 9° SL, 58K	Fr, SS, NP, SE		48''			,4	
							A 1000 100 100 100 100 100 100 100 100 1			

INITIAL SYSTEM	REPAIR SYSTEM		
	- 1	SITE CLASSIFICATION (.0509): 3	
25% Led	25%. Red	EVALUATED BY: RL	
. 4	.4	OTHER(S) PRESENT:	
18128	18'-28"		
	25% hed	25% hed 25% Red	

## **LEGEND**

LANDSCAPE SOIL POSITION 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)	ı	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)	. 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		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)	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)				9	VP (Very plastic)	9
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		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 In inches from land surface

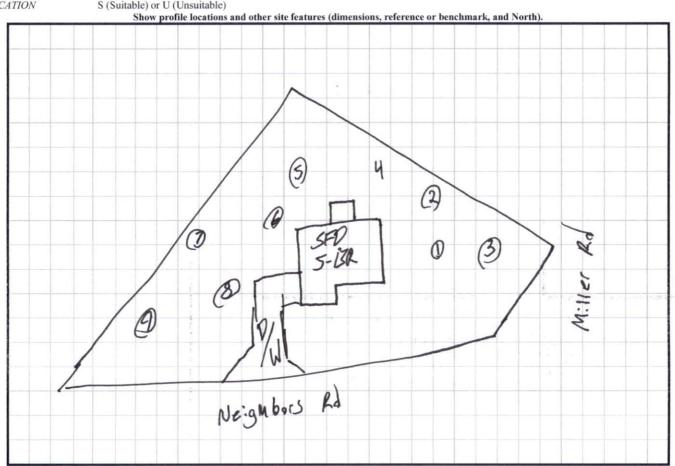
RESTRICTIVE HORIZON

Thickness and depth from land surface

SAPROLITE

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

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 SOIL WETNESS CLASSIFICATION S (Suitable) or U (Unsuitable)



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