DEPARTMENT OF HEALTH AND HUMAN SERVICES DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION ON-SITE WATER PROTECTION BRANCH PROPERTY ID #: SFO 2502-0103
COUNTY: Harasty

SOIL/SITE	EVAL	UATION	for ON	-SITE WA	STEWATER	SYSTEM
COLLINIAL		JULIA TOL	10, 01.	DEED		~

	TION OF SITE: R SUPPLY:	Public Sin	gle Family Well	Shared Well	Spring Oth	er		ERTY REC R SUPPLY	ORDED: SETBACK:_	
	UATION METH	OD: Auge	r Boring Pit	Cut TY	PE OF WASTE	WATER:	Domest	c High	Strength	IPWW
P R O F		SOIL MORPHOLOGY		OTHER PROFILE FACTORS			ORS			
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%. 15	0-6	56/3°	FI, SS, ND, SE		48"			.3	
2,3	3.6%, LS	0-11 11-38 39-Rocks	SL SBK	FI, SS, NP, SE		38" To packs			.3	
3										
4										

Available Space (.0508)		_	SITE CLASSIFICATION (.0509):
System Type(s)	25% Red	23%. Red	EVALUATED BY: LL
Site LTAR	. 7	.3	OTHER(S) PRESENT:
Maximum Trench Depth	18-24	18-24	
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)		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)	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 Ioam)		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)	a 6 4
S (Shoulder slope)	IV	SC (Sandy clay)	7-		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)	0.1 - 0.4			EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None			1		

HORIZON DEPTH

In inches below natural soil surface

DEPTH OF FILL RESTRICTIVE HORIZON In inches from land surface

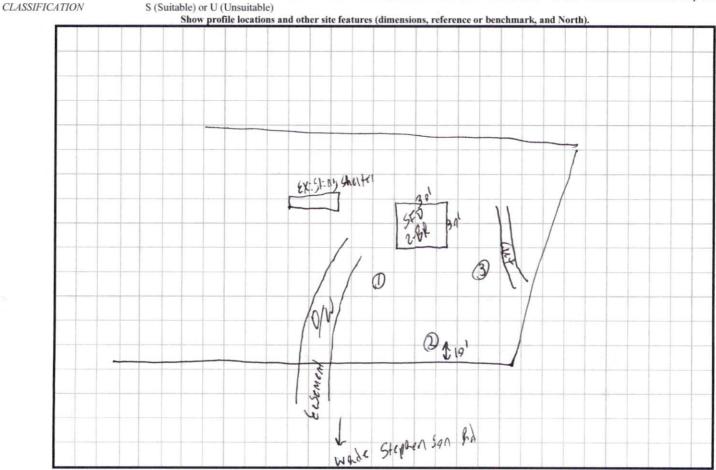
**SAPROLITE** 

Thickness and depth from land surface 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)



<sup>\*</sup> 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.