	Page 1 of
PROPERTY ID #:	SF D 2404-0019
COUNTY:	Harnatt

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

OWNE	ER: Matter	1 Homes	LIC	(Complete a	ill fields in full)		DA	ΓΕ EVALU	ATED: 5-	2-24
PROP	ESS: 167 OSED FACILITY	sering Ci	rcle 4-BK PR	OPOSED DESIG	N FLOW (.0400):	480		ERTY SIZ		
	TION OF SITE:	Public Sin	gle Family Well	Shared Well	Spring Oth	ner		ERTY REC	SETBACK:	
	UATION METH		er Boring Pit		YPE OF WASTE	-	Domest			IPWW
P R O F			SOIL MORPHOLOGY		Ī		LE FACTORS			
I L E	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE MINERALOGY		.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
1 2,3,4	1-2%	0-20 20-36 36-48	SL, 9° SCL, SBK CL, UBBK	Fr, SS, NP, St	7.5/L 7/2=36"	48'			.35	
5	1-2% LS	9-16 16-28 28-48	SCL, 91 SCL, 58K CL, MKS BK	Fryss, NP,S	7.5yk 7/1 = 28 <sup>11</sup>	481'			.35	
3										
4										
*										-
	ESCRIPTION le Space (.0508)	INITIAL SYS	REPAIR S		. COURT C. TOO.	05000				
	Type(s)	25% Ra	1 25%	Red EVALUA	ASSIFICATION ( ATED BY: _ <b>ル</b> し S) PRESENT: _	.0509): _ <b>&gt;</b>				
Site LT		.32		OTHER(	S) PRESENT:					

Maximum Trench Depth

Comments:

18-22

## **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)	1	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)	Ш	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)				2	VP (Very plastic)	
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)		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

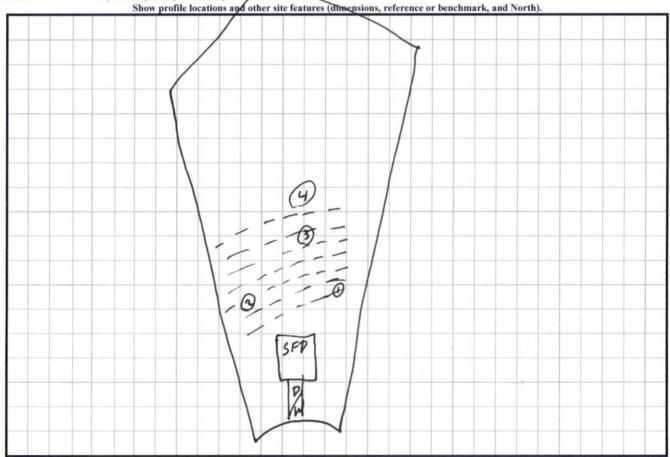
Thickness and depth from land surface

RESTRICTIVE HORIZON SAPROLITE

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

Inches from land surface to free water or instes from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

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.