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

	Page 1	of
PROPERTY ID #:	500 B	852404-
COUNTY:	Harnest	0005

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

OCA	ER: Dany ) ESS: 3390 OSED FACILITY TION OF SITE:	Pivorite		OPOSED DESIGN F				ERTY SIZE		
			gle Family Well			ier			SETBACK:	
EVAL	UATION METH	OD: Auge	r Boring Pit	Cut TY	PE OF WASTE	EWATER:	Domest	ic High	Strength	IPWW
P R O F			SOIL MORPHOLOGY		OTHER PROFIL		LE FACTORS			
I L E		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
	2%	0-48	SL, 90	VFC, NS, NP, SE		48"			1.0	
1, 2, 3, 4										
2										
3										
4										
Availab System Site LT	ESCRIPTION ole Space (.0508) Type(s) AR um Trench Depth ents:	INITIAL SYS	25% 25% 1.0		SIFICATION ( ED BY: //L PRESENT:	.0509): \$				

## **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 (Loosé)	NS (Non-sticky)	M (Massive)
D (Drainage way)	п	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)		0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)	III	SCL (Sandy clay loam)	0.3 - 0.6	0.05 - 0.15**	0.15 - 0.3	VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)				EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)	11 % . <sub>36</sub>	None	(No.	1 4	VP (Very plastic)	g u
S (Shoulder slope)		SC (Sandy clay)				SEXP (Slightly expansive)  EXP (Expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2			
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

In inches below natural soil surface

DEPTH OF FILL

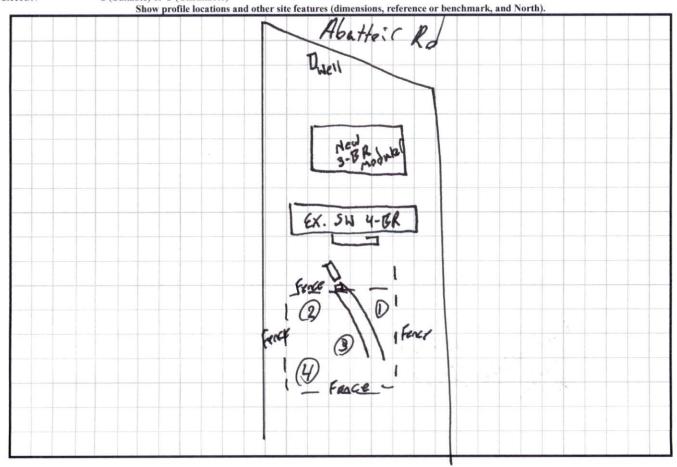
In inches from land surface

RESTRICTIVE HORIZON

Thickness and depth from land surface

SAPROLITE SOIL WETNESS 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

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.