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

Page 1 of
PROPERTY ID #: Bres 23/2-0378
COUNTY: Herach

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

OWNE	D. Cornin	1		(Complete all fi	ields in full)		DAT	TE EVALU	ATED: _/-	30-24
ADDR	ESS: 131 010	Mail Li	N, coats NC,	27521 OPOSED DESIGN F			DAI	LLVALO	ATED.	
PROPO	OSED FACILITY TION OF SITE:	: Sy 14;	x' 65' PR	OPOSED DESIGN F	LOW (.0400):	240	PROPE	ERTY SIZ	E: ORDED:	
			gle Family Well	Shared Well	Spring Oth	er			SETBACK:	
	UATION METH		er Boring Pit		PE OF WASTE					IPWW
P R O F		SD. Aug	SOIL MORPHOLOGY				LE FACTORS		ou ongui	
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	3-4%	9-48	SL,gr	NFC, NS,NP,SE		48''			.8.	
2, 3, 4	3.4%	0-47	SL/g( SL/HKSBK	VFC, NS, NP, SE VFC, SS, NA		48''			,45	
3										
4										
Availab System Site LT.	ım Trench Depth	25 % Re . 45 18 - 22	d 25% 1	SITE CLAS EVALUAT OTHER(S)	SSIFICATION ( ED BY: _ <b>K</b> _/_) PRESENT:	.0509): <b>//</b>	5			

## **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)	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)	0.3 - 0.6	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)	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)					VP (Very plastic)	
S (Shoulder slope)		SC (Sandy clay)			0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4			EXP (Expansive)		
TS (Toe Slope)		C (Clay)						en e
		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

RESTRICTIVE HORIZON

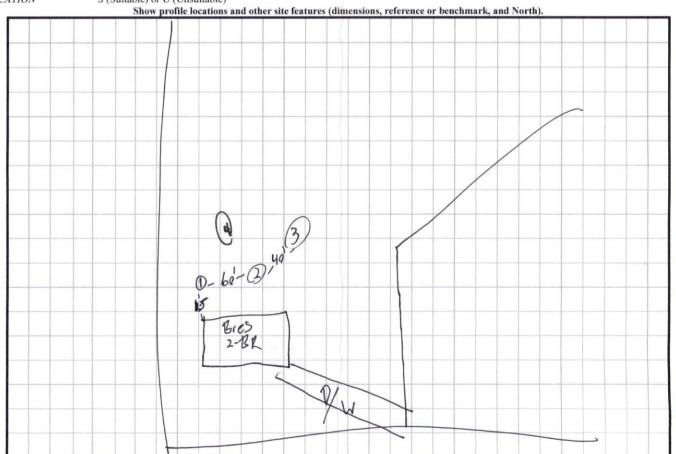
In inches from land surface Thickness and depth from land surface

SAPROLITE

SOIL WETNESS CLASSIFICATION 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

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.