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

	Page 1 of
PROPERTY ID #:	
COLINITY.	

SOIL/SITE	EVALUAT	TION for	ON-SITE	WASTEWA	TER SYSTEM
		(Complet	e all fields in	full)	

OWNE	ER: Will	iam Over	onderosa Trl	(Complete an i	neids in full)		DA7	E EVALU	ATED:	
ROI	DSED FACILITY TION OF SITE:	1: SFD	PR	OPOSED DESIGN I	FLOW (.0400):	3606P		ERTY SIZE		
WATE	R SUPPLY:		igle Family Well		Spring Oth	ner			SETBACK:	
EVAL	UATION METH	OD: Auge	er Boring Pit	Cut TY	PE OF WASTE	EWATER:	Domest	ic High	Strength	IPWW
P R O F			SOIL MORPHOLOGY		OTHER PROFIL		LE FACTORS			
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	L 5-7%	20-118	45 5C1	Folusplaxe Folssplaxe	>48"	>48"	_	_	5	
	, ,									
2	L 5-7%	0-24	SCI	Filssplaxe	>48"	>48"	_	-	s .6	
	5-14	,					¥			
3	L 5-7%	26-48	Ls Sc1	Filssplaxe Filssplaxe	≥48"	>48"		1	5.6	
4										
D	ESCRIPTION	INITIAL SYS	STEM REPAIR S'	YSTEM						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)		V	SITE CLASSIFICATION (.0509):
System Type(s)		-	EVALUATED BY:
Site LTAR	. 6	. 6	OTHER(S) PRESENT:
Maximum Trench Depth	26	26	
Comments:		3	

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	100 1001 1001 2011	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)		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)	111	SiL (Silt loam)		0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay Ioam)		0.05 - 0.15**	0.15 - 0.3	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)	
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)	1	C (Clay)						-
		O (Organic)	None					

HORIZON DEPTH DEPTH OF FILL

In inches below natural soil surface

RESTRICTIVE HORIZON

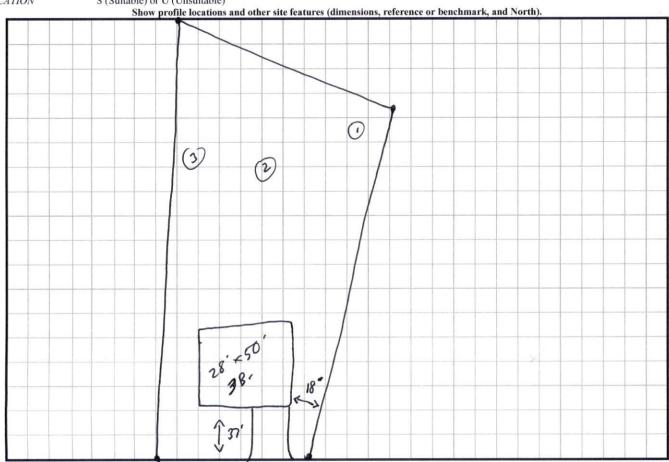
In inches from land surface Thickness and depth from land surface

SAPROLITE

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

SOIL WETNESS CLASSIFICATION 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)



^{*} 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.