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

PROPERTY ID #: Brown 2502-0003
COUNTY: Herath

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

ADDR PROPO LOCA	ESS: 308 OSED FACILITY FION OF SITE:)arco D : Whie house		OPOSED DESIGN I	FLOW (.0400):		PROPE	ERTY SIZ	ORDED:	-4-23
	R SUPPLY: (UATION METH		gle Family Well er Boring Pit		Spring Oth PE OF WASTE	er WATER:	WATE	_	SETBACK: Strength	IPWW
P R O F		Aug.	SOIL MORPHOLOGY				E FACTORS		Strength	
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
	2%.		SCL150K	Fr, SS, NP, SE	7.54R 7/1=4011	48"			.4	
1, 2, 5		40 - 48	CLI MISIC							
3	2%	Q-13 15-36 36-48	SL JC SEL SBK CL SOK	Fr, 55, Np, 5E	7.54 k 7/1:36"	45"			.4	
							L.			
4 3	2%.	0-17 12-27 27-48	SCL SEM CL, NASEK	Fi, 55,5p, SE	7.54R 7/1:27"	48"			.35	
1					e	1				
4	,					Ç.				

DESCRIPTION INITIAL SYSTEM		REPAIR SYSTEM	,			
Available Space (.0508)			SITE CLASSIFICATION (.0509):			
System Type(s)	25% Red	Joil Red	EVALUATED BY: 12C			
Site LTAR	.4	,35	OTHER(S) PRESENT:			
Maximum Trench Depth	18- 24 11	15"				
Comments:						

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)	1	S (Sand)		0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)	
CV (Convex Slope)		LS (Loamy sand)	0.8 - 1.2	0.5 -0.7		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)		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 Ioam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)	
L (Linear Slope)		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)				K 19	VP (Very plastic)	i - 5	
S (Shoulder slope)		SC (Sandy clay)	V.		0.05 - 0.2	SEXP (Slightly expansive)			
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4			EXP (Expansive)			
TS (Toe Slope)		C (Clay)							
	•	O (Organic)	None						

^{*} 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

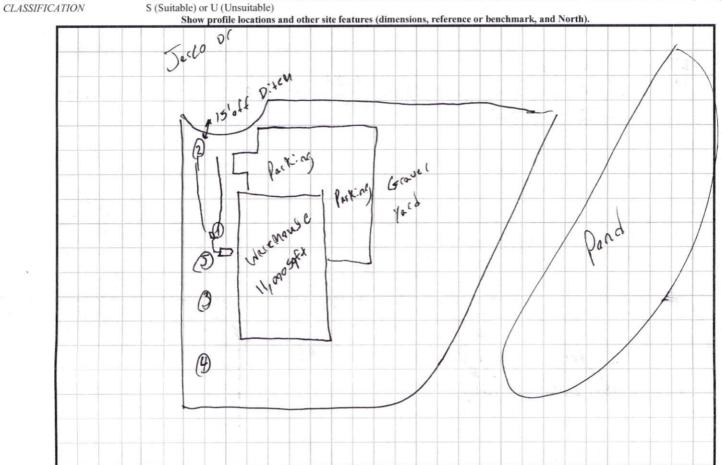
Thickness and depth from land surface

RESTRICTIVE HORIZON SAPROLITE

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)



^{**}Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.