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

	Page 1 of
ROPERTY ID #:	
COUNTY:	

		. 0	SOIL/SITE EV	ALUATION for ON- (Complete all f		VATER SY				
		James	MH PR	Lone OPOSED DESIGN F	FLOW (.0400):	360 GPD	PROPI	E EVALUERTY SIZI		. 19-23
VATE	R SUPPLY: 🚺	Public Sin	gle Family Well		Spring Oth		WATEI	R SUPPLY	SETBACK:_	
VALU	JATION METH	OD: Auge	r Boring Pit	Cut TY	PE OF WASTE	WATER:	Domesti	g High	Strength	PWW
P R O F			SOIL MORPHOLOGY		OTHER PROFILE FACTORS					
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*	.0502(d) SLOPE CORRE CTION
1	2.5%	20-118	L) Gr ser sah	Filsploxe Filsploxe	10486/2 230"	>48"	_		5	
		2.77	15 6	Elual Aca						
2	2-5%	22-48	LS G- SCI SBK	Fi /ssp/sxp	10yR6h ≥32"	>48"	_		5.4	
3	L 2-5%	14-118	LS Gr Sei SBL	Filssplsxp	10yR6/2 > 28"	>48''	_		5.4	
4										
						water cost one that				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s)	25% 120	25%12	EVALUATED BY: M M REHS
Site LTAR	.4	. 4	OTHER(S) PRESENT: $A.\omega$.
Maximum Trench Depth	18	16	
Comments:	•	,	

Comments:

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE 4
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)	_ II	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)	III	SiL (Silt loam)		0.1 - 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)		CL (Clay loam)	0.3 - 0.6		0.15 - 0.3	EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)		None			P (Plastic)	
R (Ridge/summit)		Si (Silt)			ne		VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)				SEXP (Slightly	expansive)	
T (Terrace)		SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Expansive)		
TS (Toe Slope)		C (Clay)						*.
		O (Organic)	None					

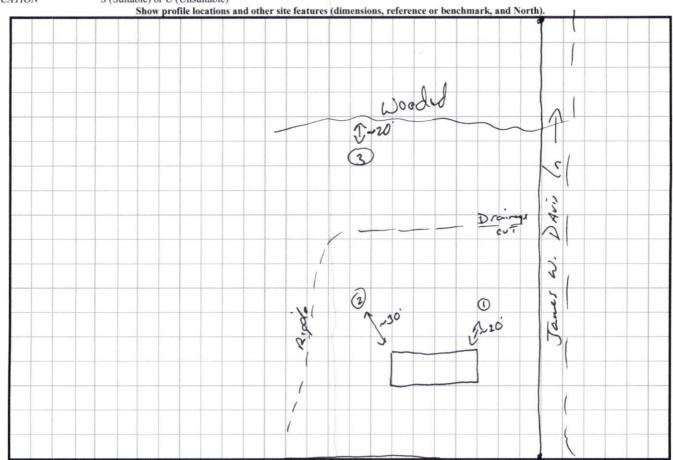
HORIZON DEPTH In inches below natural soil surface DEPTH OF FILL In inches from land surface

RESTRICTIVE HORIZON Thickness and depth from land surface

SAPROLITE 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 SOIL WETNESS

S (Suitable) or U (Unsuitable) CLASSIFICATION



Leslie nd

^{*} 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.