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

	Page 1 of
PROPERTY ID #:	
COUNTY:	

OWNE	er: <u>Sun</u> ess:	SET RIO		ALUATION for ON- (Complete all f		WATER SY		E EVALU	ATED:	
PROP	ESS: OSED FACILITY TION OF SITE:	185 SEM	PR	OPOSED DESIGN I	FLOW (.0400):	3 <b>6</b> 0 GF	PROPI	ERTY SIZI		
WATER SUPPLY: Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK:										
EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domestic High Strength IPWW										
P R O F			SOIL MO	RPHOLOGY	OTHER PROFILE 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	2-5%	26-48	'LS SL	Fr/NIP/NXP	248''	>48"			5	
L	,								,	
2	2-52	26-48	15 5L	Fr/NSP/NXP	>48"	>48"	_	_	5	
L				T			-			
3							is .			
L										
4							1 22 X X X X			
*Management	ESCOLIDITION.	DIETAL CAS	TEM DED ATE OF	VETEN				district seeds		
DESCRIPTION INITIAL SYSTEM REPAIR SYSTEM  Available Space (.0508)  System Type(s)  SITE CLASSIFICATION (.0509):  EVALUATED BY:  MARCH 1										
	System Type(s)			EVALUAT	ED BY:	0309)	nel	REP	47	
Site LTAR .7		.7	OTHER(S)	OTHER(S) PRESENT:						
Comme	m Trench Depth ents:	30"	20"				-			

## **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 (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	. 11	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)	0.3 - 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)		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)				SEXP (Slightly expansive)		
T (Terrace)	IV	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 RESTRICTIVE HORIZON In inches from land surface Thickness and depth from land surface

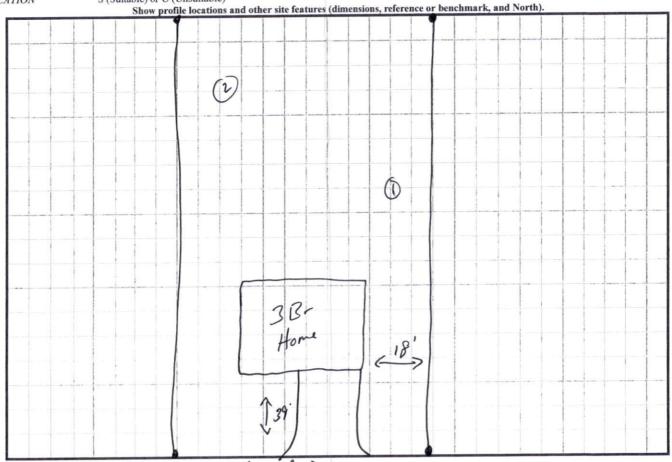
**SAPROLITE** 

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

SOIL WETNESS

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) CLASSIFICATION



<sup>\*</sup> 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.