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

	Page 1 of
PROPERTY ID #:	
COUNTY:	

(Complete all fields in full) OWNER: William DATE EVALUATED: ADDRESS: PROPOSED DESIGN FLOW (.0400): 360 GAD PROPOSED FACILITY: (F) PROPERTY SIZE: LOCATION OF SITE: PROPERTY RECORDED: WATER SUPPLY: Public Single Family Well Shared Well Spring WATER SUPPLY SETBACK: Other TYPE OF WASTEWATER: **IPWW** EVALUATION METHOD: Auger Boring Pit Domestic Cut High Strength R SOIL MORPHOLOGY OTHER PROFILE FACTORS 0 F L .0502 .0504 .0509 .0503 E LANDSCAPE HORIZON .0503 .0503 SOIL .0505 .0506 .0507 **PROFILE** SLOPE POSITION/ DEPTH STRUCTURE/ CONSISTENCE/ WETNESS/ SOIL SAPRO RESTR CLASS CORRE **SLOPE % TEXTURE** MINERALOGY (IN.) COLOR **DEPTH** CLASS HORIZ & LTAR\* CTION 15 tr/NSP (NKP 0-24 104R6/2 5 >48 SCI 24-48 2-5% 45 0-24 24-48 SCI 2

3	2-5%	22-48	Sci	Filssplsxl	10 yr6/z > 30"	>48"	·	.4	
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)		V	SITE CLASSIFICATION (.0509):
System Type(s)			EVALUATED BY: Mel a REHS
Site LTAR	.4	.4	OTHER(S) PRESENT:
Maximum Trench Depth	18	18	
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)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		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)		0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)	0.3 - 0.6	0.05 - 0.15**	0.15 - 0.3	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)	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)						1
		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

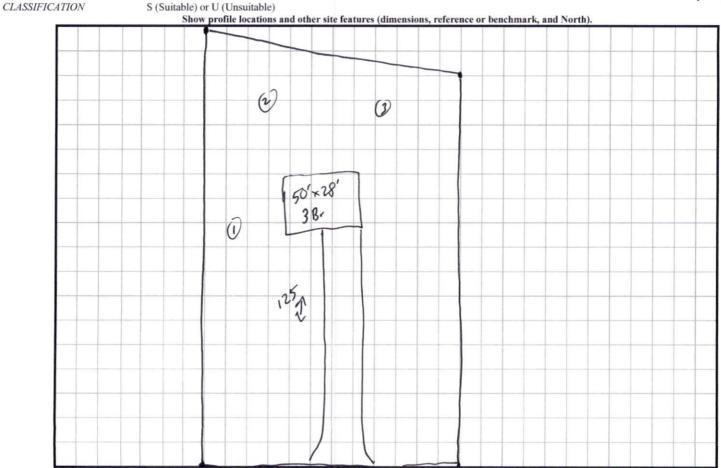
**SAPROLITE** 

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)



<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.