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

	Page 1 of
PROPERTY ID #:	
COUNTY:	

		SOIL/SI	TE EVALUA	TION for ON-SITE WAST	TEWATER SYST	EM	
OWNER: To	se Villa	GUZM	AN	(Complete all fields in full)		DATE EVALUATED:	
ADDRESS:		rank ST.	(NC 24)	Cameron			
PROPOSED FACIL	ITY: Du	umH	PROPOS	ED DESIGN FLOW (.0400	0): 480 GPD	PROPERTY SIZE:	
LOCATION OF SI	ΓE:	Eme				PROPERTY RECORDED:	

WATE	R SUPPLY:	Public Sin	gle Family Well	Shared Well	Spring Oth	ner	WATER	R SUPPLY	SETBACK:	
EVAL	JATION METH	OD: Auge	er Boring Pit	Cut TY	PE OF WASTE	EWATER:	Domesti	c High	Strength	IPWW
P R O F I L OFO2			SOIL MORPHOLOGY		OTHER PROFIL		E FACTORS			
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%	24-48	15 5L	Fr/NSp/NXP Fr/SSp/SXP	>48"	>48"	_	_	<i>S</i> .6	
2	2-5%	0-20	2) SL	Fr/uspluxp Fr/splixp	>u8"	>u8"	_	_	5	
3										
				1						
4										

INITIAL SYSTEM	REPAIR SYSTEM	
V		SITE CLASSIFICATION (.0509):
V		EVALUATED BY: M M RGHS
. 6	.6	OTHER(S) PRESENT:
24"	24"	
-	.6	.6 .6

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)		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)	1 " F	SiL (Silt loam)		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)	0.3 - 0.6			EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)				
N (Nose slope)		SiCL (Silty clay loam)		None			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

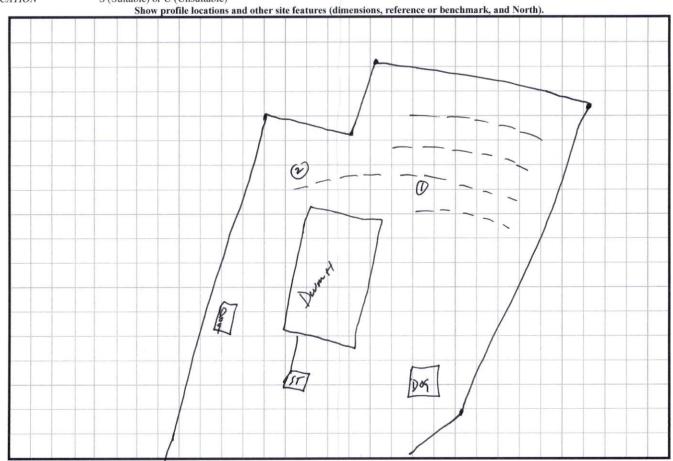
In inches below natural soil surface In inches from land surface

DEPTH OF FILL RESTRICTIVE HORIZON

Thickness and depth from land surface

SAPROLITE SOIL WETNESS 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

CLASSIFICATION 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.