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/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM												
OWNER: Dream Finders Homes (Complete all fields in full) DATE EVALUATED:												
ADDRESS: 181 Rodeing Horse lane												
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.0400): 360 GPD PROPERTY SIZE: PROPERTY RECORDED:												
LOCATION OF SITE.												
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											PWW	
EVALUATION MEDICAL MARKET MARK												
P R O F	!		SOIL MORPHOI		GY	OTHER PROFIL		E FACTORS				
I L E	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	.050 CONSIST MINERA	TENCE/	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION	
1	1	24-48	15 5L	1 -/ 0 //	/NKP SXP	>48"	248	_	-	5.6		
	2-5%											
2	1	0-24	SL	tr/ssp	NXP SXP	>48"	>48°			,6		
	2-56								,			
3	2-5%	0-28	28-48 K		Folispl NXP		>48	_	_	5.6		
						>48"						
4												
							A T. A. S.	7.4633.744.2				
	le Space (0508)	INITIAL SYS	STEM REPAIR S		TTC CL AC	CIEICATION /	0500):	5 ,				
Available Space (.0508) System Type(s) SITE CLASSIFICATION (.0509): EVALUATED BY: M. DE HS												
Site I.T.	OTHED(C) DDECENT:											

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Maximum Trench Depth

Site LTAR

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)		S (Sand)		0.6 - 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)	ı	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)	Ш	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	*	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay Ioam)		0.05 - 0.15**	0.15 - 0.3	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)		i.e		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

DEPTH OF FILL

RESTRICTIVE HORIZON

SAPROLITE

SOIL WETNESS

CLASSIFICATION

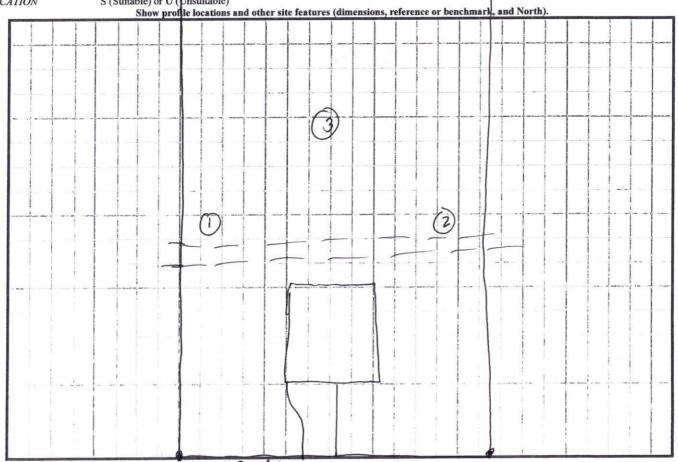
In inches below natural soil surface In inches from land surface

Thickness and depth from land surface

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

S (Suitable) or U (Unsuitable)



Rocling Horse In

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^{*} 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.