

Attachment 2: Soil Boring Description Sheets

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
 (Complete all fields in full)

BUYER: Dream Acres LLC APPLICATION DATE _____
 ADDRESS: 5650 Miami Church Road, Concord, NC. 28025 DATE EVALUATED: 3/27-29/23
 PROPOSED FACILITY: Subdivision for Community PROPOSED DESIGN FLOW (.1949): TBD PROPERTY SIZE: 111 ac
 LOCATION OF SITE: 5650 Miami Church Road, Concord, NC. 28025 PROPERTY RECORDED: _____
 WATER SUPPLY: Private Public Well Spring Other _____
 EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Sewage Industrial Process Mixed

P R O F I L E #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPR O CLASS	.1944 RESTR HORIZ	
1	5-15%	0-12"	Gr, SiL	FR; SS; SP	-	36+"	-	-	General Soil Boring Description
		12-36+"	SBK; SiC	FI; SS; SP					
2	10-20%	0-6"	Gr, SiL	FR; SS; SP	Chroma 2 Observed	18+"	-	-	General Soil Boring Description
		6-18"	SBK; SiC	FI; SS; SP					
		18+"	ABK; C	FI; S; P					
3	5-15%	0-8"	Gr; SCL	FR; SS; SP	Chroma 2 Observed	8"	-	-	General Soil Boring Description
		8+"	WSBK; SCL	FR; SS; SP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946): _____ SITE CLASSIFICATION (.1948): _____ EVALUATED BY: <u>Trevor Hackney</u> OTHER(S) PRESENT: <u>Nathan Estevez</u>
Available Space (.1945)			
System Type(s)			
Site LTAR			

COMMENTS: _____

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL	CONVENTIONAL	LPP	MINERALOGY/	STRUCTURE
		TEXTURE	.1955 LTAR*	.1957 LTAR*	CONSISTENCE	
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)				M (Massive)
D (Drainage Way)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		CR (Crumb)
DS (Debris Slump)		L (Loam)				GR (Granular)
FP (Flood Plain)						SBK (Subangular Blocky)
FS (Foot Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		ABK (Angular Blocky)
H (Head Slope)		SiCL (Silty Clay Loam)				PL (Platy)
L (Linear Slope)		CL (Clay Loam)				PR (Prismatic)
N (Nose Slope)		SCL (Sandy Clay Loam)				
R (Ridge)		SiL (Silt Loam)				
S (Shoulder Slope)	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	MOIST VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	WET NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic)
T (Terrace)		SiC (Silty Clay)				P (Plastic)
		C (Clay)				VP (Very Plastic)
		O (Organic)				

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

NOTES

- 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)
 - 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
 - CLASSIFICATION* S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)
- Evaluation of saporlite shall be by pits.
 Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).

