

SITE/SOIL EVALUATION
FOR
ON-SITE WASTE WATER

APPLICANT: Timothy Neighbors PHONE: 897-5255 APPLICATION DATE: 3-6-97
ADDRESS: Bunnstevel
COUNTY: Harnett PROPERTY SIZE: 7.44 PROPOSED FACILITY: SWMH
LOCATION OF SITE: Bryd Rd.
WATER SUPPLY: On-Site Well _____ Community _____ Public ☒ Other _____ EVALUATION BY: Auger Boring ☒ Pit _____ Cut _____

FACTORS		PROFILES									
		1	2	3	4	5	6	7	8	9	10
LANDSCAPE POSITION	.1940	L	L	L	L						
SLOPE (%)	.1940										
HORIZON 1 DEPTH		0-18	0-18	0-12	0-12	0-10					
Texture Group	.1941(A)(1)	L	LSL	SL	SL	SL					
Consistence	.1941	VFR	VFR								
Structure	.1941(A)(2)	gr	gr								
Mineralogy	.1941(A)(3)										
HORIZON 2 DEPTH				12-36	12-36	10-36					
Texture Group	.1941(A)(1)			SL	SL	SL					
Consistence	.1941			Fr	Fr	Fr to F ₂					
Structure	.1941(A)(2)			wsbk	wsbk	wsbk					
Mineralogy	.1941(A)(3)										
HORIZON 3 DEPTH											
Texture Group	.1941(A)(1)										
Consistence	.1941										
Structure	.1941(A)(2)										
Mineralogy	.1941(A)(3)										
HORIZON 4 DEPTH											
Texture Group	.1941(A)(1)										
Consistence	.1941										
Structure	.1941(A)(2)										
Mineralogy	.1941(A)(3)										
SOIL WETNESS	.1942	<12"	<12"	36"	30"	30"					
RESTRICTIVE HORIZON	.1944										
SAPROLITE	.1943/1956										
CLASSIFICATION	.1948	U	U	PS	PS	PS					
LONG TERM ACCEPTANCE RATE	.1955	U	U	.6	.6	.6					

AVAILABLE SPACE (1945): OIC SITE LONG TERM ACCEPTANCE RATE: .6
OTHER FACTORS (1946): ^ SYSTEM TYPE: conv.
SITE CLASSIFICATION (1948): PS
EVALUATED BY: JH Eudy OTHERS PRESENT: Owners
COMMENTS:

Shallow 18" deep ditches
Pump to repair area

LEGEND

LANDSCAPE POSITION - 1940

R - Ridge
S - Shoulder Slope
L - Linear Slope
FS - Foot Slope
N - Nose Slope
H - Head Slope
Cc - Concave Slope
Cv - Convex Slope
T - Terrace
FP - Flood Plain
A - Altered
DW - Drainage Way
DS - Debris Slump

GROUP	TEXTURE	LTAR
I	s - sand ls - loamy sand	1.2 - 0.8
II	sl - sandy loam l - loam	0.8 - 0.6
III	si - silt sil - silt loam sicl - silty clay loam cl - clay loam scl - sandy clay loam	0.6 - 0.3
IV	sc - sandy clay sic - silty clay c - clay	0.4 - 0.1

CONSISTENCE

MOIST	WET
vfr - very friable fr - friable fi - firm vfi - very firm efi - extremely firm	Ws - Non-sticky Ss - Slightly sticky S - Sticky Vs - Very sticky Np - Non-plastic Sp - Slightly plastic P - Plastic Vp - Very plastic

STRUCTURE - 1942(A)(2)

sg - single grain
m - massive
cr - crumb
gr - granular
sbk - subangular blocky
abk - angular blocky
pl - platy
pr - prismatic

MINERALOGY - 1941(A)(3)

S Exp 1:1 Slightly Expansive
Exp { 2:1 mixed Expansive

SAPROLITE

S - Suitable
U - Unsuitable

CLASSIFICATION

S - Suitable
PS - Provisionally suitable
U - Unsuitable

NOTES:

HORIZON DEPTH - in inches

DEPTH OF FILL - in inches from land surface

RESTRICTIVE HORIZON - thickness and inches from land surface

SOIL WETNESS - 1942 - in inches from land surface to free water, or

in inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

LONG TERM ACCEPTANCE RATE - in gal./day/sq.ft.