DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

SITE/SOIL EVALUATION FOR SANITARY SEWAGE SYSTEM

OWNER: Dan Newton PHONE: 663-2732 DATE REQUESTED: 2/25/02 DATE EVALUATED: 3/8/02
ADDRESS: 1271 Shearer Rd Mocksville, 27028 PROPERTY IDENTIFICATION NO.:
COUNTY: PROPERTY SIZE: ~3.1 ac PROPOSED FACILITY: 800 FT² Catering Kitchen
LOCATION OF SITE: Same 400 GPD / 50 GAL/FT²
WATER SUPPLY: On-Site Well ____ Community ____ Public ✓ Mocksville EVALUATION BY: Auger Boring ✓ Pit ____ Cut ____

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
LANDSCAPE POSITION	CaL	CaL			
SLOPE(%)	>10%	10%			
HORIZON I DEPTH	0 - 4	0 - 7			
Texture Group	cl	hcl			
Consistence	FR SS SP	FR SS SP			
Structure	FGR	F sbk			
Mineralogy	1:1	1:1			
HORIZON II DEPTH	5 - 25	8 - 23			
Texture Group	Si cl	cl SAP			
Consistence	FR S - SP	FR SS - SP			
Structure	wk F sbk	wk VF sbk			
Mineralogy	1:1	1:1			
HORIZON III DEPTH	26 - 50	24 - 49			
Texture Group MICA	Si l SAP E	Si l SAP			
Consistence	VFR - NS - NP	VFR NS - NP			
Structure	GR ~ SG	FGR			
Mineralogy	1:1	1:1			
HORIZON IV DEPTH					
Texture Group					
Consistence					
Structure					
Mineralogy					
SOIL WETNESS	PS	PS			
RESTRICTIVE HORIZON	S	S			
SAPROLITE	PS	PS			
CLASSIFICATION	PS	PS			
LONG-TERM ACCEPTANCE RATE	.3	.3+			

SITE CLASSIFICATION: PS
EVALUATED BY: Apenka
SITE LONG-TERM ACCEPTANCE RATE: .3
OTHER(S) PRESENT: Dan & Annette Newton
REMARKS: Difficult topography for gravity; Plumbing must be shallow to avoid use of pump
Repair Area on opposite side of driveway toward Shearer Rd.
Utilities will need to be re located - especially PWR service

LEGEND

ANDSCAPE POSITION
R - Ridge
S - Shoulder slope
L - Linear slope
S - Foot Slope
- Nose slope
- Head slope
- Concave slope
- Convex slope
- Terrace
- Flood Plain

TEXTURE
s - sand
ls - loamy sand
sl - sandy loam
l - loam
si - silt
sil - silt loam
sicl - silty clay loam
cl - clay loam
scl - sandy clay loam
sc - sandy clay
sic - silty clay
c - clay

CONSISTENCE
Moist
vfr - very friable
fr - friable
fi - firm
vfi - very firm
efi - extremely firm

Wet
Ns - non-sticky
Ss - slightly sticky
S - sticky
Vs - very sticky

Np - non-plastic
Sp - slightly plastic
P - plastic
Vp - very plastic

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

MINERALOGY
1:1, 2:1, mixed

: the above standard abbreviations.

TES:
'izon Depth --in inches
th of Fill --in inches from land surface
trictive Horizon--thickness and inches from land surface
rolite --S (suitable) or U (unsuitable)

NOTES:
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 design
Classification--S (suitable), PS (provisionally suitable) or U (unsuitable)
Long-Term Acceptance Rate--gal/day/ft²