DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

SITE/SOIL EVALUATION FOR SANITARY SEWAGE SYSTEM

OWNER: James Cornett PHONE: 528-4444 DATE REQUESTED: _____ DATE EVALUATED: 10/7/94
ADDRESS: 119 Cotton Wood Rd. PROPERTY IDENTIFICATION NO.: SA A43
COUNTY: Iredell PROPERTY SIZE: ~2Ac PROPOSED FACILITY: 3BD - 1BA MH
LOCATION OF SITE: Cotton Wood Rd. (R) off Oakwicty to 2nd drive on (L)
WATER SUPPLY: On-Site Well ✓ Community ____ Public ____ EVALUATION BY: Auger Boring ✓ Pit ____ Cut ____

FACTORS	PROFILE 1	2	PROFILE 3	4	PROFILE 5	6	PROFILE 7	8	PROFILE 9	10
LANDSCAPE POSITION	Cc									
SLOPE(%)	2%									
HORIZON I DEPTH A	0-4									
Texture Group	ls									
Consistence	VFR-NS-NP									
Structure	GR									
Mineralogy										
HORIZON II DEPTH B	5-21									
Texture Group	SC									
Consistence	FR-NS-SP									
Structure	WK									
Mineralogy										
HORIZON III DEPTH C	22-30									
Texture Group	SC									
Consistence	FI-S-P									
Structure	WK									
Mineralogy										
HORIZON IV DEPTH R	31-42									
Texture Group VR	C 3/4									
Consistence	FI-S-VP									
Structure	~M									
Mineralogy	MIX									
SOIL WETNESS	↓ 40"									
RESTRICTIVE HORIZON	42"									
SAPROLITE	PS									
CLASSIFICATION	PS									
LONG-TERM ACCEPTANCE RATE	.25									

SITE CLASSIFICATION: P - 28" DEPTH SITE LONG-TERM ACCEPTANCE RATE: .2-.25
EVALUATED BY: SPARKS OTHER(S) PRESENT: JAMES CORNETT
REMARKS:

Reddish mottling intermingled beginning in lower B extending thru C to R more present with depth.

Drilled well presents problem staying out of most depressed portion

LEGEND

LANDSCAPE POSITION
R - Ridge
S - Shoulder slope
L - Linear slope
FS - Foot Slope
BS - Base slope
N - Nose slope
Cc - Concave slope
Cv - Convex slope
T - Terrace
FP - 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

Use the above standard abbreviations.

NOTES:
Horizon Depth --in inches
Depth of fill --in inches from land surface
Restrictive Horizon--thickness and inches from land surface
Saprolite --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 designation
Classification--S (suitable), PS (provisionally suitable) or U (unsuitable)
Long-Term Acceptance Rate--gal/day/ft²

SHS 2601 (Revised)