DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

SITE/SOIL EVALUATION FOR SANITARY SEWAGE SYSTEM

AL SCHWIRCH-C 21-892-4556

OWNER: NIGEL RICHARDSON PHONE: _____ DATE REQUESTED: 1/21/91 DATE EVALUATED: 2/7/91

ADDRESS: Lot 11 WILLIAMS BARN ESTATES SR 2910 PROPERTY IDENTIFICATION NO.: _____

COUNTY: IREDELL PROPERTY SIZE: .74 PROPOSED FACILITY: 3BD 2BA

LOCATION OF SITE: BRANCH SCH. TL ON SR 2910, LOT AFTER 1ST HOUSE ON (R)

WATER SUPPLY: On-Site Well ✓ Community ____ Public ____ EVALUATION BY: Auger Boring ✓ Pit ____ Cut ____

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
LANDSCAPE POSITION	Cc	Cc			
SLOPE(%)	2 - 10%				
HORIZON I DEPTH	0-8				
Texture Group	C				
Consistence	S				
Structure	SBK				
Mineralogy	1:1				
HORIZON II DEPTH	9 - 21				
Texture Group	C				
Consistence	S				
Structure	SBK				
Mineralogy	1:1				
HORIZON III DEPTH	22 - "				
Texture Group	C				
Consistence	S				
Structure	WK / SBK				
Mineralogy	1:1				
HORIZON IV DEPTH	31"				
Texture Group	C				
Consistence	VS				
Structure	NEARLY M				
Mineralogy	1:1				
SOIL WETNESS	24" OLD BORINGS				
RESTRICTIVE HORIZON	0				
SAPROLITE	0				
CLASSIFICATION	U - for Conventional System				
LONG-TERM ACCEPTANCE RATE					

SITE CLASSIFICATION: U (TOPO) SITE LONG-TERM ACCEPTANCE RATE: N/A

EVALUATED BY: Sparks OTHER(S) PRESENT: NONE

REMARKS:

Complex topo. gullied in drainage areas - old borings had in water < 24" below ground surface. Slope is choppy up - too complex to get system in. Backhoe pits - many times room for panels but Lewis & Repair Area Pressure Dosed Panel Probably - left front quarter

LEGEND

LANDSCAPE POSITION
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

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

DHS 2601 (Revised ____)
Sanitation Branch (Review ____)