DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

# SITE/SOIL EVALUATION FOR SANITARY SEWAGE SYSTEM

OWNER: EUGENE KEENE PHONE: DATE REQUESTED: 11/29/93 DATE EVALUATED: 11/30/93

ADDRESS: FREEZE RD. MOORESVILLE PROPERTY IDENTIFICATION NO.: 4E 4A 24

COUNTY: IREDELL PROPERTY SIZE: .69 AC PROPOSED FACILITY: 3BD. - 24' WIDE

LOCATION OF SITE: FREEZE CROSSING LOT 24

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 | | | | |
| SLOPE(%) | 2-3% | | | | |
| HORIZON I DEPTH | 0 - 11 | | | | |
| Texture Group | SaL | | | | |
| Consistence | Vfr Ns Np | | | | |
| Structure | CR | | | | |
| Mineralogy | 1:1 | | | | |
| HORIZON II DEPTH | 12 - 25 | | | | |
| Texture Group | Sa | | | | |
| Consistence | Fr Ns Sp | | | | |
| Structure | CR - sbk (MICA) | | | | |
| Mineralogy | 1:1 | | | | |
| HORIZON III DEPTH | 26 - 38 | | | | |
| Texture Group | Sa C | | | | |
| Consistence | fr Ss Sp | | | | |
| Structure | CR - sbk | | | | |
| Mineralogy | 1:1 | | | | |
| HORIZON IV DEPTH | 39 - 44 | | | | |
| Texture Group | Sa TR | | | | |
| Consistence | fr Ns Sp | | | | |
| Structure | CR | | | | |
| Mineralogy | 1:1 | | | | |
| SOIL WETNESS | P | | | | |
| RESTRICTIVE HORIZON | NA | | | | |
| SAPROLITE | P - II | | | | |
| CLASSIFICATION | P | | | | |
| LONG-TERM ACCEPTANCE RATE | (.3 - .35) | | | | |

SITE CLASSIFICATION: SITE LONG-TERM ACCEPTANCE RATE:

EVALUATED BY: SPARKS OTHER(S) PRESENT: DAVID SPURRIER

REMARKS: LOT NEED TO BE CLEARED BEFORE REAR OF PROPERTY CAN BE EVALUATED.

## 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

Use the above standard abbreviations.

**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
gr - crumb
gr - granular
sbk - subangular blocky
abk - angular blocky
pl - platy
pr - prismatic

**MINERALOGY**
1:1, 2:1, mixed

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 ____)