DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

# SITE/SOIL EVALUATION FOR SANITARY SEWAGE SYSTEM

OWNER: Eufemio Granados PHONE: _____ DATE REQUESTED: 7/7/00 DATE EVALUATED: 8/10/00

ADDRESS: 137 Granados Ln. PROPERTY IDENTIFICATION NO.: 4677-79-7793

COUNTY: Iredell PROPERTY SIZE: ~2.0Ac PROPOSED FACILITY: 4-3BA.

LOCATION OF SITE: 150E-TL Pinnacle JL Granados, rt (L) Corner lot

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

| FACTORS | PROFILE 1 | PROFILE 2 | PROFILE 3 | PROFILE 4 | PROFILE 5 |
|---|---|---|---|---|---|
| LANDSCAPE POSITION | FS | LS | | | |
| SLOPE(%) | 3-4% | 4% | | | |
| HORIZON I DEPTH | 0-7 | 0-6 | | | |
| Texture Group | l | cl | | | |
| Consistence | FI SS NP | FI SS SP | | | |
| Structure | GR | SBK | | | |
| Mineralogy | 1:1 | | | | |
| HORIZON II DEPTH | 8-19 | 7-23 | | | |
| Texture Group | cl MIC | cl | | | |
| Consistence | FR SS SP | FI SS SP | | | |
| Structure | SBK | WK | | | |
| Mineralogy | 1:1 | 1:1 | | | |
| HORIZON III DEPTH | 20-33 | 24-35 | | | |
| Texture Group | cl SAP | cl SAP MIC. | | | |
| Consistence | FR SS NP | FR SS NP | | | |
| Structure | SBK | FINE SBK | | | |
| Mineralogy | 1:1 | | | | |
| HORIZON IV DEPTH | 34-49 | 36-50 | | | |
| Texture Group | SAP-l | l SAP | | | |
| Consistence | VFR SS NP | VFR SS NP | | | |
| Structure | SBK | SBK | | | |
| Mineralogy | 1:1 | 1:1 | | | |
| SOIL WETNESS | S >48 | S >48 | | | |
| RESTRICTIVE HORIZON | N/A | N/A | | | |
| SAPROLITE | PS | PS | | | |
| CLASSIFICATION | PS | PS | | | |
| LONG-TERM ACCEPTANCE RATE | .3 | .3 | | | |

SITE CLASSIFICATION: PS SITE LONG-TERM ACCEPTANCE RATE: .3

EVALUATED BY: JParks OTHER(S) PRESENT: E. Granados

REMARKS: Pump → PM + 533' Conventional or 400 Cit Plastic 4@133'x3'

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

HS 2601 (Revised _____)