DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

SITE/SOIL EVALUATION FOR SANITARY SEWAGE SYSTEM

OWNER: PETE BELK PHONE: _____ DATE REQUESTED: 11/2/93 DATE EVALUATED: 11/3/93

ADDRESS: _____ PROPERTY IDENTIFICATION NO.: _____

COUNTY: IREDELL PROPERTY SIZE: .728AC PROPOSED FACILITY: 3BD-2B 360GPD

LOCATION OF SITE: LOT 1 KETCHIE ACRES

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	T	FS			
SLOPE(%)	1%	3%			
HORIZON I DEPTH	0 - 7	0 - 9			
Texture Group	l	l			
Consistence	Fr S NP	Fr S P			
Structure	CR GR	CR			
Mineralogy	1:1	1:1			
HORIZON II DEPTH	8 - 15	10 - 17			
Texture Group	C -	(C) l			
Consistence	Fi S SP	SFr S SP			
Structure	sbk - m	W SBK			
Mineralogy	1:1	1:1			
HORIZON III DEPTH	16 - 23	19 - 24			
Texture Group	TRANS C - S	l			
Consistence	Sfr YS P	Fr S SP			
Structure	1:1	GR			
Mineralogy	MIXED				
HORIZON IV DEPTH	24 - 34	25 - 39 (ROCKS)			
Texture Group	TRANS cl	TRANS - SCl			
Consistence	Sfr S SP	Fr S NP			
Structure	WK SBK-GR MIX	GR			
Mineralogy	1:1	1:1			
SOIL WETNESS	P	P			
RESTRICTIVE HORIZON	P	P (SAP 39-S)			
SAPROLITE	M - S - SP	S			
CLASSIFICATION	P - 22"	P - 27"			
LONG-TERM ACCEPTANCE RATE	.25-.3	.125-.3			

SITE CLASSIFICATION: P (SHALLOW) SITE LONG-TERM ACCEPTANCE RATE: (.25) .3

EVALUATED BY: SPARKS OTHER(S) PRESENT:

REMARKS:

NEED P/L'S LOCATED - BROADBENT NO SHOW

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 ____)