DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

SITE/SOIL EVALUATION FOR SANITARY SEWAGE SYSTEM

OWNER: ELMER HORTON PHONE: 664-6259 DATE REQUESTED: 9/24/93 DATE EVALUATED: 9/24/93

ADDRESS: FREEZE ROAD MOORESVILLE PROPERTY IDENTIFICATION NO.: 4E 4A 14

COUNTY: IREDELL PROPERTY SIZE: .68 AC. PROPOSED FACILITY: 3BD. 2BA

LOCATION OF SITE: FREEZE CROSSING LOT 14

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

FACTORS	PROFILE 1 (REAR)	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
LANDSCAPE POSITION	SMALL TERRACE	CCL			
SLOPE(%)	2%	3-4%			
HORIZON I DEPTH	0 - 4	0-5			
Texture Group	SL	SaL			
Consistence	fr SS NP	Fr SS NP			
Structure	GR-GR	GR			
Mineralogy	1:1	1:1 T			
HORIZON II DEPTH	5 - 18	6 - 18			
Texture Group	CL	CL			
Consistence	Fi S SP	Fi S P			
Structure	wk sbk	sbk			
Mineralogy	1:1	1:1			
HORIZON III DEPTH	19 - 26	19 - 29			
Texture Group	SaC	SiC			
Consistence	Fi SS SP	Fr S, SP			
Structure	sbk	wk sbk			
Mineralogy	1:1	1:1			
HORIZON IV DEPTH	27 - 42	30 - 33			
Texture Group	SaC	U - SAP			
Consistence	Fi S SP	S - SP Fr			
Structure	VSbk	gr			
Mineralogy	1:1	MIXED			
SOIL WETNESS					
RESTRICTIVE HORIZON					
SAPROLITE					
CLASSIFICATION	P	U			
LONG-TERM ACCEPTANCE RATE	.25-.3	-0-			

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

EVALUATED BY: Sparks OTHER(S) PRESENT: ELMER HORTON

REMARKS:

TRAILER SHIFTED UPSLOPE TO PREVENT PUMPING

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 - grumb
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 ____)