DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

SITE / SOIL EVALUATION
FOR
SANITARY SEWAGE SYSTEM

OWNER: Flagship Builders PHONE: 980-721-1249 DATE REQUESTED: 11/13/03 DATE EVALUATED: 12/18/03

ADDRESS: PO Box 4568 Mooresville, NC 28117 PROPERTY IDENTIFICATION NO.: 4636-30-0379

COUNTY: Iredell PROPERTY SIZE: ~1.41 PROPOSED FACILITY: 3BD 2.5BA House

LOCATION OF SITE: Isle Pines Rd, on (L) past past Bennett Dr. [Lot 2 Hog Ridge]

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

FACTORS	PROFILE 1 (R side front)	PROFILE 2 (Lsid front)	PROFILE 3 (MID FRONT LOW)	PROFILE 4	PROFILE 5
LANDSCAPE POSITION	mcc S shd.	CC L shd.	CC FS		
SLOPE (%)	1-2%	1%	2-4 m.		
HORIZON I DEPTH	0 - 19	0 - 4	0 - 13		
Texture Group	sl c l	s? sl (4R)	scl		
Consistence	VFR - SS - NP (BR)	VFR NS NP	FR SS - SP (BRD)		
Structure	sbk	sg	sbk		
Mineralogy	1:1	1:1	1:1		
HORIZON II DEPTH	20 - 27	5 - 30	14 - 24		
Texture Group	sl	scl (4R)	c		
Consistence	VFR - NS - NP (BR)	FR SS - SP	FR S - P SEVP		
Structure	sbk w GR	sbk w FR mcl	wk (R)		
Mineralogy	1:1	1:1	1:1		
HORIZON III DEPTH	29 - 37	31 - 41 (Rock)	25 - 49		
Texture Group	scl	sc	scl (4R)		
Consistence	FR SS SP (RD)	FR mcl S - SP	FR SS - SP NEVP		
Structure	sbk	M sbk (Impenetrable ?)	mic. FR sbk		
Mineralogy	1:1		1:1		
HORIZON IV DEPTH	38 - 52				
Texture Group	cl mic. (RD)				
Consistence	FR SS - SP				
Structure	sbk w Lgt FR mcl				
Mineralogy	1:1				
SOIL WETNESS	S	"	"		
RESTRICTIVE HORIZON	S	"	"		
SAPROLITE	S	"	"		
CLASSIFICATION	S	"	"		
LONG-TERM ACCEPTANCE RATE	cl → .3 max	.3	.3		

SITE CLASSIFICATION: SITE LONG-TERM ACCEPTANCE RATE:

EVALUATED BY: OTHER(S) PRESENT:

REMARKS: Name in road CC drainageway - entire lot down slope of Lot 1 w small area LS
47% Road → House = ~29% Lateral to R side

Landscape position: road - front knoll slope PPBPS | Repeat
Well in rear of house
Lots of Hard dimension needed

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

MINERALO
1:1, 2:1, mix

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