DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

4832 - 72 - 4508

Sheet 1 of
PROPERTY ID #:
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: DAN & SUSAN WILLIAMS APPLICANT: SAME
ADDRESS: 716 EARLY DR HARTWELL GA 30643 APPLICATION DATE: 1-6-04 DATE EVALUATED: 2-9-04
PROPOSED FACILITY: 3 BR PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: 54.2
LOCATION OF SITE: 21N @ JENNINGS @ TRUMPET BRANCH @CORNER PROPERTY RECORDED: YES
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other OF GOFORTH ON @
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFIL CLASS & LTAR
1	L 7%	0-3	WK SBK SCL	VFR SS/SP SEXP	—	>48	—	—	PS .3
		3-40	MO SBK C	FR S/P SEXP					
		40-48	MO SBK C+SAP	FR S/P SEXP					
2	T 12%	0-8	WK GR SL	VFR NS/NP SEXP	— @	>48	20% mica @ 24"	—	PS .3
		8-24	MO SBK C	FR S/P SEXP					
		24-48	MO SBK C+SAP	FR S/P SEXP					
3	T 7%	0-12	WK SBK SCL	VFR SS/SP SEXP	—	>48	—	—	PS .3
		12-40	MO SBK C	FR S/P SEXP					
		40-48	MO SBK C+SAP	FR S/P SEXP					
4	T 3%	0-7	WK GR SL	VFR NS/NP SEXP	~~10YR 7/4~~ ~~@ 20"~~ 10YR 7/4 @ 20"	>48	—	—	PRS .25
		7-40	MO SBK/ABK C	FI S/P SEXP					
		40-48	MO SBK/ABK C+SAP	FI S/P SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY:
OTHER(S) PRESENT:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR	LPP .1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
D (Drainage Way)					EXP (Expansive)	CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
S (Shoulder Slope)		SLC (Silt Loam Clay)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
					VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

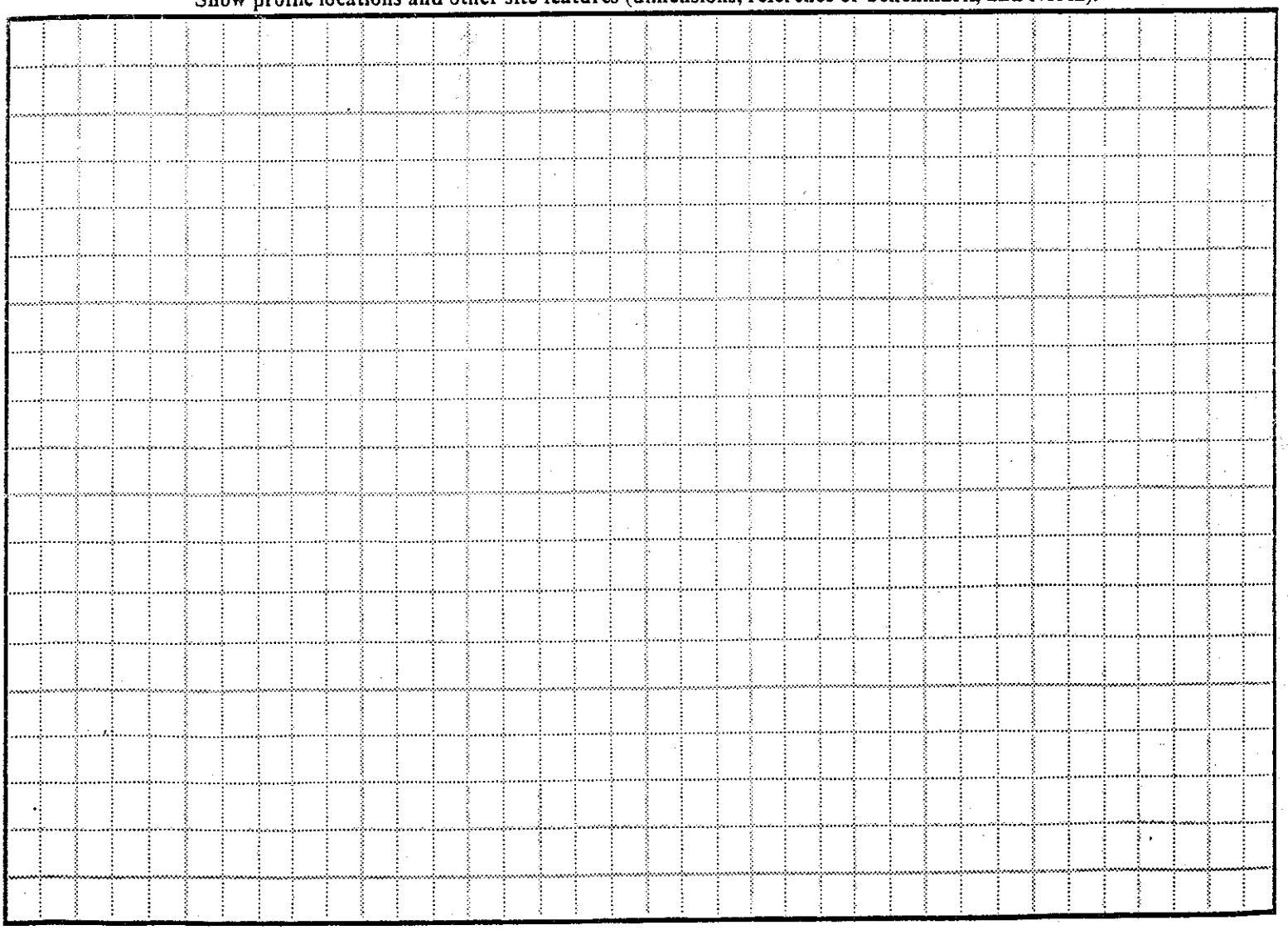
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
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)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

Show profile locations and other site features (dimensions, reference or benchmark, and North).



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WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other OF 60 FORTH ON ⓛ
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		6-27	MO SBK C	FR S/P SEXP					
		27-48	MO SBK C+SAP	FR S/P SEXP					
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3	.3

OTHER FACTORS (.1946): ~~NO~~ MUST GRADE TERRACES
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Chris Sherrill
OTHER(S) PRESENT: KENNY MADISON

LEGEND

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