ON-S WASTEWATER SECTION

COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

4752-93-7838

OWNER: PHILLIP LLOYD APPLICANT: SAME

ADDRESS: 236 CLEMENTS ROAD, STVL APPLICATION DATE: 01-21-03 DATE EVALUATED: 1-31-03

PROPOSED FACILITY: 4BR HOUSE PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: 0.63 ACRES

LOCATION OF SITE: US 70 E; TR SHILOH, TL CLEMENTS, ON (R) AT REVIS LANE PROPERTY RECORDED: _____

WATER SUPPLY: ☑ Private ☐ Public ☑ Well ☐ Spring ☐ Other _____

EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut

TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed SYSTEM EXPANSION

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFIL CLASS & LTAR
1	SLIGHT H 10%	0-8	GR GRAVELLY SL	VFR SE SP					PS 0.30
		8-22	MFABK GRAVELLY C	FR SS/SP SE SP					
		22-32	WFABK MICACEOUS C	FR SS/P SE SP					
		32-36	WFSBK SAPROLITE MIX W/C	VFR SS/SP SE SP					
		36-48	WFSBK SAPROLITE MIX W/SC	VFR SS/NP SE SP					
2	SLIGHT H 6%	0-26	MMABK C	FR SS/P SE SP					PS 0.30
		26-48	WFABK SAP. MIX W/SIC	FR SS/SP SE SP					
3	L 10%	0-10	MFSBK SC	FR SS/P SE SP					PS 0.30
		10-48	MFSBK C	FI S/P SE SP					
4	L 7%	0-10	MFSBK CL	FR SE SP					PS 0.30
		10-42	MFABK C	FR-FI SS/SP SE SP					
		42-48	MFSBK SAPROLITE MIX CL	FR SS/SP SE SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	III	III
Site LTAR	0.30	0.3

OTHER FACTORS (.1946): NONE

SITE CLASSIFICATION (.1948): PS

EVALUATED BY: S. HEDRICK

OTHER(S) PRESENT: PHILLIP LLOYD, CLYDE LLOYD

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).

