

SITE/SOIL EVALUATION
FOR
ON-SITE WASTE WATER

3/25/95

APPLICANT: Surles PHONE: _____ APPLICATION DATE: _____
 ADDRESS: _____
 COUNTY: Harnett PROPERTY SIZE: _____ PROPOSED FACILITY: _____
 LOCATION OF SITE: _____
 WATER SUPPLY: On-Site Well _____ Community _____ Public Other _____ EVALUATION BY: Auger Boring Pit _____ Cut _____

FACTORS		PROFILES																		
		1	2	3	4	5	6	7	8	9	10									
LANDSCAPE POSITION	.1940	LS	LS	LS																
SLOPE (%)	.1940	0-7	0-7	0-7																
HORIZON 1 DEPTH		0-32	0-32	0-32																
Texture Group	.1941(A)(1)	LS	LS	LS																
Consistence	.1941	Fr	Fr	Fr																
Structure	.1941(A)(2)	SC	SC	SC																
Mineralogy	.1941(A)(3)	1:1	1:1	1:1																
HORIZON 2 DEPTH		32-48	32-48	32-48																
Texture Group	.1941(A)(1)	SCL	SCL	SCL																
Consistence	.1941	Fr	Fr	Fr																
Structure	.1941(A)(2)	Cr	Cr	Cr																
Mineralogy	.1941(A)(3)	1:1	1:1	1:1																
HORIZON 3 DEPTH																				
Texture Group	.1941(A)(1)																			
Consistence	.1941																			
Structure	.1941(A)(2)																			
Mineralogy	.1941(A)(3)																			
HORIZON 4 DEPTH																				
Texture Group	.1941(A)(1)																			
Consistence	.1941																			
Structure	.1941(A)(2)																			
Mineralogy	.1941(A)(3)																			
SOIL WETNESS	.1942																			
RESTRICTIVE HORIZON	.1944																			
PERCOLITE	.1943/1956																			
CLASSIFICATION	.1948	S	S	S																
PERMEABILITY TERM	.1955	.5	.5	.5																
PERCENTAGE ACCEPTANCE RATE																				

AVAILABLE SPACE (.1945): _____ SITE LONG TERM ACCEPTANCE RATE: .5
 OTHER FACTORS (.1946): _____ SYSTEM TYPE: Conventional
 PERCOLITE CLASSIFICATION (.1948): _____
 EVALUATED BY: As Kew OTHERS PRESENT: _____

REMARKS:

<u>LANDSCAPE POSITION</u>	<u>GROUP</u>	<u>TEXTURE</u>	<u>.1955 LTAR</u>	<u>MOIST</u>	<u>WET</u>
- RIDGE	I	S - SAND	1.2 - 0.8	VFR - VERY FRIABLE FR - FRIABLE	NS - NON-STICKY SS - SLIGHTLY STICKY
- SHOULDER SLOPE		LS - LOAMY SAND			
- LINEAR SLOPE	II	SL - SANDY LOAM	0.8 - 0.6	FI - FIRM VFI - VERY FIRM	S - STICKY VS - VERY STICKY
- FOOT SLOPE		L - LOAM			
- NOSE SLOPE	III	SI - SILT	0.6 - 0.3	EFI - EXTREMELY FIRM	NP - NON-PLASTIC SP - SLIGHTLY PLASTIC P - PLASTIC VP - VERY PLASTIC
- HEAD SLOPE		SICL - SILTY CLAY LOAM			
- CONCAVE SLOPE		CL - CLAY LOAM			
- CONVEX SLOPE		SCL - SANDY CLAY LOAM			
TERRACE	IV	SC - SANDY CLAY	0.4 - 0.1		
FLOOD FLAIN		SIC - SILTY CLAY			
		O - ORGANIC			

<u>STRUCTURE</u>	<u>MINEROLOGY</u>	<u>USE THE ABOVE STANDAR ABBREVIATIONS.</u>
- SINGLE GRAIN	1:1	NOTES: HORIZON DEPTH IN INCHES BELOW NATURAL SOIL SURFACE DEPTH OF FILL IN INCHES FROM LAND SURFACE RESTRICTIVE HORIZON— THICKNESS AND DEPT FROM LAND SURFACE SAPROLITE S (SUITABLE) OR U (UNSUITABLE)
- MASSIVE	2:1	
- CRUMB	MIXED	
- GRANULAR		
- SUBANGULAR BLOCKY		
- ANGULAR BLOCKY		
- PLATY		
- PRISMATIC		

NETNESS - INCHES FROM LAND SURFACE TO FREE WATER OR INCHES FROM LAND SURFACE TO SOIL COLORS WITH CHROMA 2 OR LESS - RECORD IN LL COLOR CHIP DESIGNATION. CLASSIFICATION - S (SUITABLE), PS (PROVISIONALLY SUITABLE), OR U (UNSUITABLE)

TERM ACCEPTANCE RATE: GAL/DAY/FT²

