

## SOIL/SITE EVALUATI FOR ON-SITE WASTEWATER SYSTEM

APPLICANT: Willie D. Brasley Jr. OWNER: AGENT PHONE: 894-5938  
 ADDRESS: 703 W. Parrish Dr. APPLICATION DATE: 1-3-95 DATE EVALUATED: 1/16/95  
Benson N.C. 27504 PROPOSED FACILITY: Dbl. wide M. Home  
 PROPERTY SIZE: 2.3 Acre

LOCATION OF SITE: Old Fairground Rd.  
 WATER SUPPLY: On-Site Well  Comm. Well  Public  Other  EVAL. METHOD: Auger Boring  Pit

PROFILE #	.1940 LANDSCP POS./ SLOPE %	HORIZON DEPTH (IN.)	.1941			
			(a)(1) TEXTURE	(a)(2) STRUCTURE	(a)(3) MINEROLOGY	
1	Linear slope 0-5%	Top soil 0-26in				.1942 WITNESS CONDITION - No mottles Chroma 52
		Group III 26-42in	SCL	GR	III	.1943/1936 SAPROLITE - below 42in
						.1944 RESTRICTIVE HORIZON - NONE
						.1948 PROFILE CLASSIFICATION - P.S.
						PROFILE LTAR - .5
2	Linear slope 0-5%	Top soil 0-24in				.1942 WITNESS CONDITION - No mottles Chroma 52
		Group III 24-42	SCL	GR	III	.1943/1936 SAPROLITE - below 42in
						.1944 RESTRICTIVE HORIZON - NONE
						.1948 PROFILE CLASSIFICATION - P.S.
						PROFILE LTAR - .5
3	Linear slope 0-5%	Group III 24-42	SCL	GR	III	.1942 WITNESS CONDITION - No mottles Chroma 52
						.1943/1936 SAPROLITE - below 42in.
						.1944 RESTRICTIVE HORIZON - NONE
						.1948 PROFILE CLASSIFICATION - P.S.
						PROFILE LTAR - .5
4	Linear slope 0-5%	Top soil 0-26				.1942 WITNESS CONDITION - No mottles Chroma 52
		Group III 26-42	SCL	GR	III	.1943/1936 SAPROLITE - below 42in.
						.1944 RESTRICTIVE HORIZON - NONE
						.1948 PROFILE CLASSIFICATION - P.S.
						PROFILE LTAR - .5
5						.1942 WITNESS CONDITION -
						.1943/1936 SAPROLITE -
						.1944 RESTRICTIVE HORIZON -
						.1948 PROFILE CLASSIFICATION -
						PROFILE LTAR -

AVAILABLE SPACE (.1945) yes SITE CLASSIFICATION (.1948): P.S. SITE LONG-TERM ACCEPTANCE RATE: .5  
 OPERATING FACTORS (.1946) \_\_\_\_\_ SYSTEM TYPE: Conventional  
 EVALUATED BY: H. Brasley OTHER(S) PRESENT: \_\_\_\_\_  
 COMMENTS: \_\_\_\_\_

**LEGEND**

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

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

**NOTES:**

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

LONG-TERM ACCEPTANCE RATE: GAL/DAY/FT<sup>2</sup>

