

**SOIL/SITE EVALUATION  
FOR  
ON-SITE WASTEWATER SYSTEM**

APPLICANT: Raleigh Durham Const. Co. OWNER: \_\_\_\_\_ AGENT:  PHONE: 319-7322  
 ADDRESS: 315 Swiss LAKE DR. APPLICATION DATE: 12/28/94 DATE EVALUATED: 1/15/95  
Cary, N.C. PROPOSED FACILITY: SFD  
 PROPERTY SIZE: 0.98 Acres

LOCATION OF SITE: Hillside Place Lot #2  
 WATER SUPPLY: On-Site Well  Comm. Well  Public  Other  EVAL. METHOD: Auger Boring  Pit

PROFILE #	.1940 LANDSCAPE POS./ SLOPE %	HORIZON DEPTH (IN.)	.1941			
			(a)(1) TEXTURE	(a)(2) STRUCTURE	(a)(3) MINEROLOGY	
1	Linear slope 0-5%	Top Soil 0-14in.				.1942 WETNESS CONDITION - No mottles Chroma ≤ 2
		Group III 14-36	SCL	GR	1:1	.1943/1936 SAPROLITE - below 36in.
						.1944 RESTRICTIVE HORIZON - NONE
						.1948 PROFILE CLASSIFICATION - P.S.
						PROFILE LTA - .4
2	Linear slope 0-5%	Top Soil 0-12in.				.1942 WETNESS CONDITION - No mottles Chroma ≤ 2
		Group III 12-36	SCL	GR	1:1	.1943/1936 SAPROLITE - below 36in.
						.1944 RESTRICTIVE HORIZON - NONE
						.1948 PROFILE CLASSIFICATION - P.S.
						PROFILE LTA - .4
3	Linear slope 0-5%	Top				.1942 WETNESS CONDITION - No mottles Chroma ≤ 2
		Group III 14-36in.	SCL	GR	1:1	.1943/1936 SAPROLITE - below 36in.
						.1944 RESTRICTIVE HORIZON - NONE
						.1948 PROFILE CLASSIFICATION - P.S.
						PROFILE LTA - .4
4	Linear slope 0-5%	Top Soil 0-14				.1942 WETNESS CONDITION - No mottles Chroma ≤ 2
		Group III 14-36	SCL	GR	1:1	.1943/1936 SAPROLITE - below 36in.
						.1944 RESTRICTIVE HORIZON - NONE
						.1948 PROFILE CLASSIFICATION - P.S.
						PROFILE LTA - .4
5						.1942 WETNESS CONDITION -
						.1943/1936 SAPROLITE -
						.1944 RESTRICTIVE HORIZON -
						.1948 PROFILE CLASSIFICATION -
						PROFILE LTA -

AVAILABLE SPACE (.1945) yes SITE CLASSIFICATION (.1948): P.S. SITE LONG-TERM ACCEPTANCE RATE: .4

INTERFERING FACTORS (.1946) \_\_\_\_\_ SYSTEM TYPE \_\_\_\_\_

EVALUATED BY: H. B. Petty OTHER(S) PRESENT: \_\_\_\_\_

REMARKS: \_\_\_\_\_

**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 STICKY S - STICKY VS - VERY STICKY NP - NON-PLASTIC SP - SLIGHTLY PLASTIC P - PLASTIC VP - VERY PLASTIC
S - SHOULDER SLOPE		LS - LOAMY SAND			
L - LINEAR SLOPE	II	SL - SANDY LOAM	0.8 - 0.6		
F - 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		SC - SANDY CLAY			
F - FLOOD PLAIN	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 SURFACE 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		

**ES:**

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

**G-TERM ACCEPTANCE RATE: GAL/DAY/FT**

