

1/25/78  
**APPLICATION**

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER CEROY SMITH

ADDRESS PO BOX 12726 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION ROUTE 94

TAX MAP 7 PARCEL # 133

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

\_\_\_\_\_  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

**THIS IS NOT A PERMIT**

COUNTY #

SOIL PROFILE

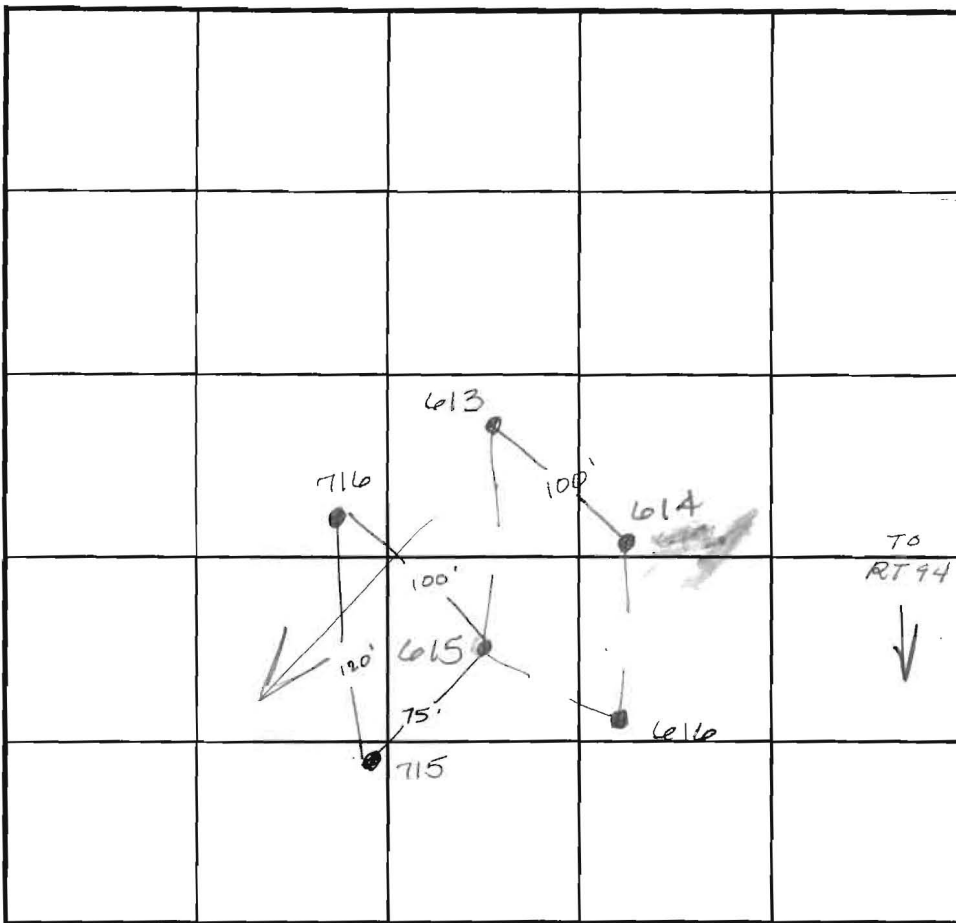
613 614

orange  
brown  
silim  
30%  
calc  
clay  
water  
fruit  
to  
24.5'

SOIL PROFILE

716

like  
715  
but  
water  
⊙  
11.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

616 615

like  
612

715

red  
brown  
silim

beigh  
brown  
silim  
5%  
R<sub>x</sub>

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-3-98	613	<del>4.0</del> 9.0	12:25	12:50	12:50	slow	slow
	614	<del>4.5</del> 10.0	12:26	12:36	12:36	12:44	8min
	615	<del>5.0</del> 10.0	12:50	12:57	12:57	1:05	8min
	616	<del>5.0</del> 10.0	12:55	1:00	No 1st inch @ 1:30		slow F
8-4-98	715	<del>5.0</del> 11.0	2:35	1st inch @ 3:10			slow F
	716	<del>6.0</del> 11.0	2:40	no 1st inch @ 3:10			slow F

REMARKS Wet season

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillen ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

11-28-105  
PROFILE  
B3

dark  
brn  
organic

2.0

no  
distinct  
clay  
layer  
orange  
silm  
possible  
H<sub>2</sub>O  
deep

5.0 water

B4

orange  
red  
silm

5.0

red  
brn  
silm  
20%  
Rx

4.5

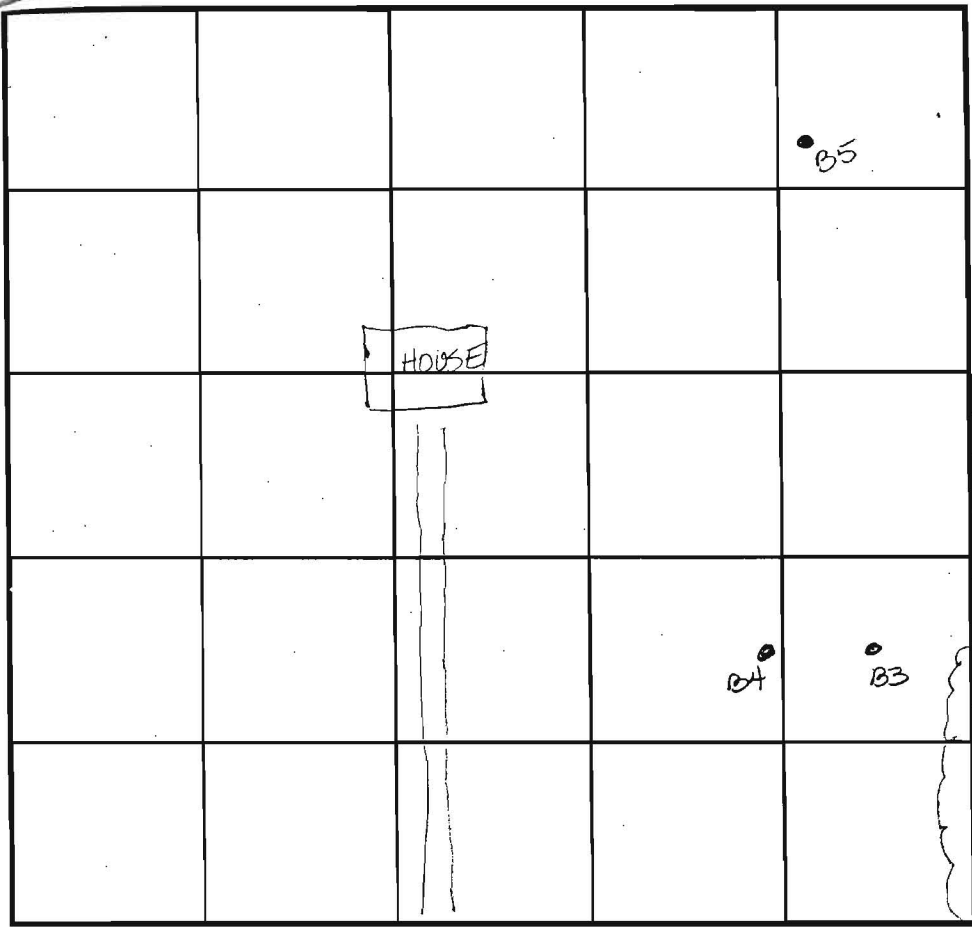
B5

orange  
red  
silm  
20%  
Rx

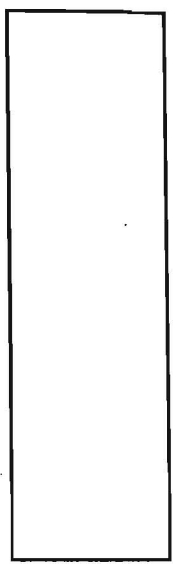
5.0

or brown  
silm  
40%  
Rx

14.0



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9.3.99	B3	6.0 V15.0	11:02	No 1" inch @ 11:30 Decs clay - 4.0			F
	B4	5.5 V14.5	11:14	11:19	11:19	11:28	9min
	B5	5.5 V14.0	11:37	11:51	11:51	12:15	24min

REMARKS \_\_\_\_\_

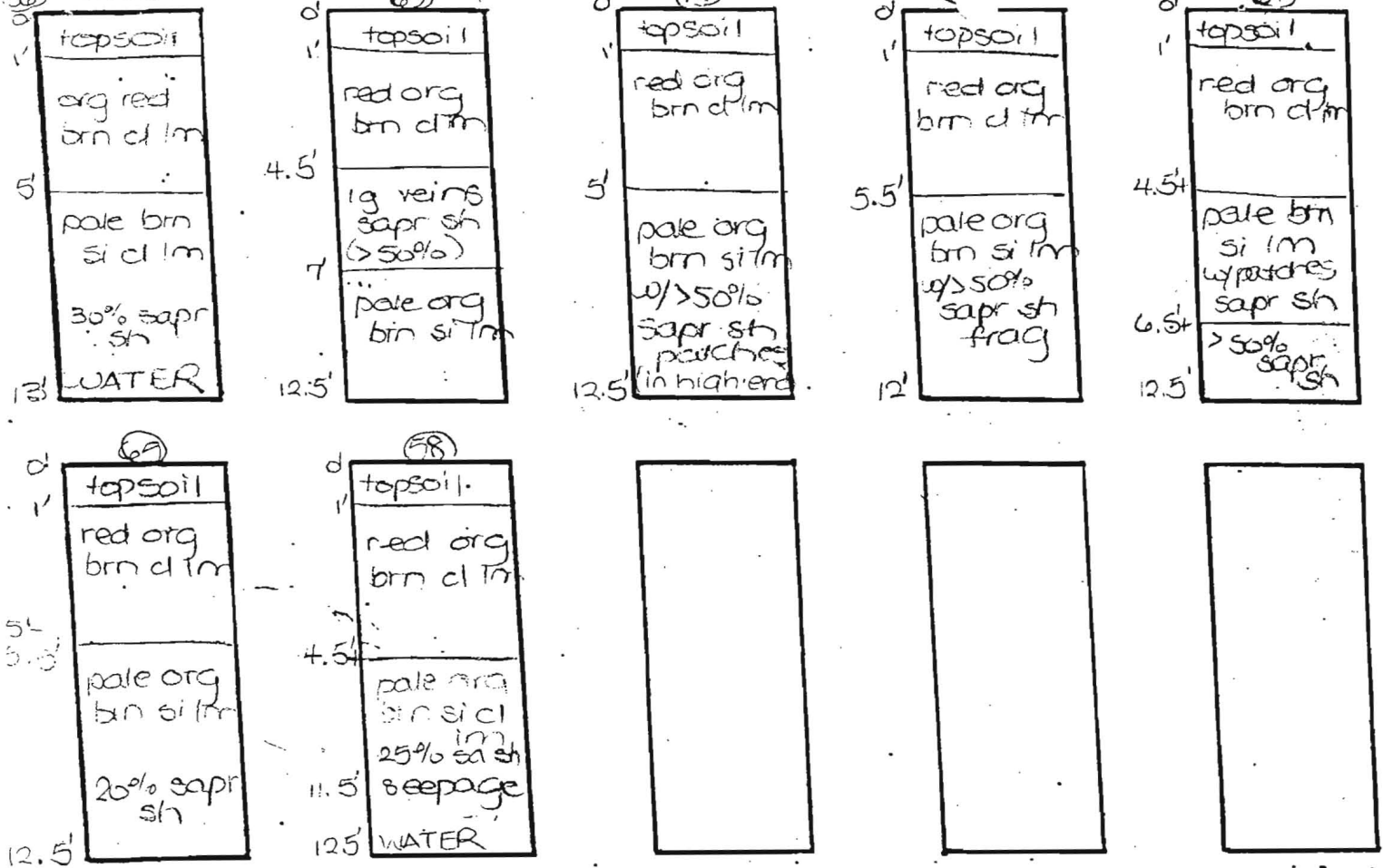
TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillen ALSO PRESENT Greg Filar

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-18-97	56	5.5' S	10:41	10:51	10:51	11:15	24
		13.0' D	WATER				HOLD
	63	5.0' S	10:45	less than 1" @		11:15	FAIL
		12.5' D					
	74	5.5' S	10:47	11:03	11:03	11:17	14
		12.5' D					FAIL
	75	12.0' D					FAIL
	64	5.5' S	10:50	10:53	10:53	10:59	6
		12.5' D					FAIL
	65	6.0' S	11:01	11:04	11:04	11:11	7
		12.5' D					OK
	58	5.0' S	11:10	No invert @		11:40	FAIL
		11.5' D	seepage				

Test hole 75 changed to pass caused by appeal to NDE (hole 613 & 612)

COUNTY #

SOIL PROFILE

609 610

red brown silclm

red brown silclm 30% shale w/ black faces

611 612

like 609 = 610

712 713

red brown silclm

light silclm 26% shale

SOIL PROFILE

714

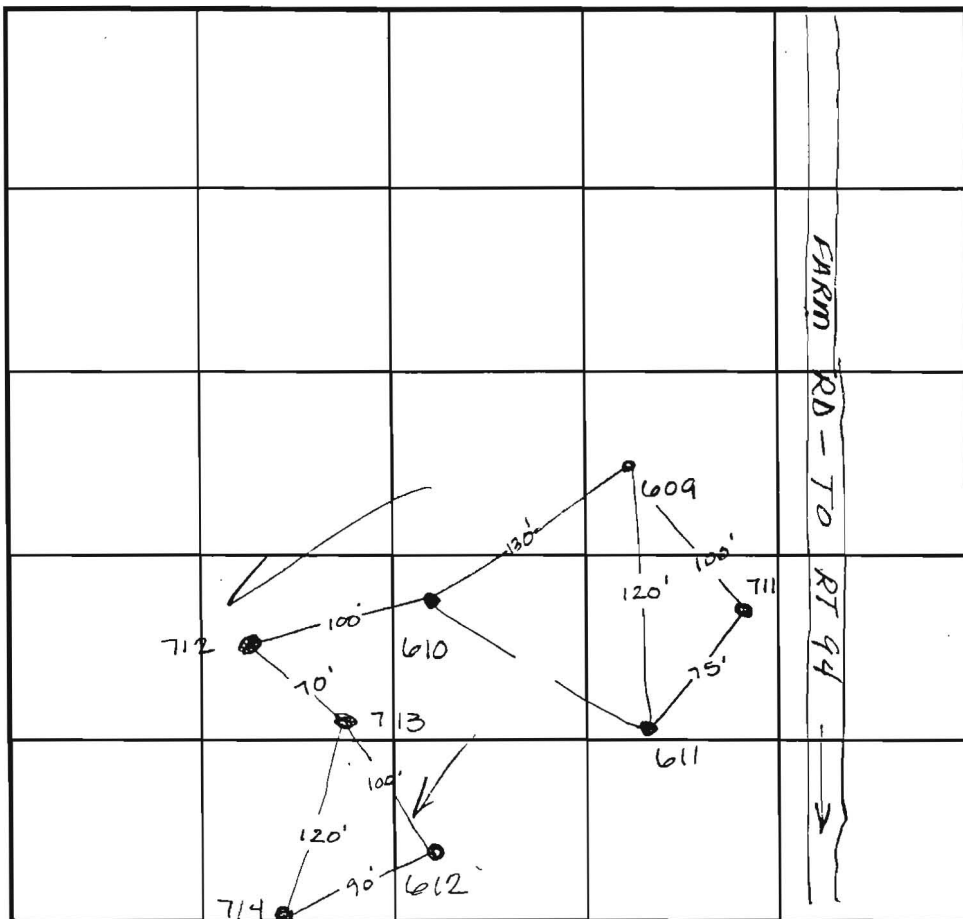
red brown silclm

1gt tan yellow silclm mg deposits water?

711

heavy red brown silclm

red brn silclm 30-40% shale



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-3-98	609	5.0 / 11.5	11:42	11:51	11:51	12:07	16min
	610	5.0 / 11.0	12:00	12:08	12:08	12:20	12min
	611	5.5 / 10.0	12:11	12:18	12:18	12:36	18min
8-4-98	712	6.0 / 11.0	1:35	1:37	1:37	2:00	23min
	713	5.0 / 11.0	1:36	1:43	1:43	1:55	12min
	714	6.0 / 11.5	1:38	1:45	1:45	no mut @ 2:25	slow F
	612	Visual	to 12.0 - see profile		—		OK
	711	5.5 / 11.0	1:57	2:10	2:10	2:30	2min

REMARKS Wet season on 714

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_

ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_

MAXIMUM BOTTOM DEPTH \_\_\_\_\_

SQ. FT./BEDROOM \_\_\_\_\_



# Approved Per Plan 7197101

