

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

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 _____

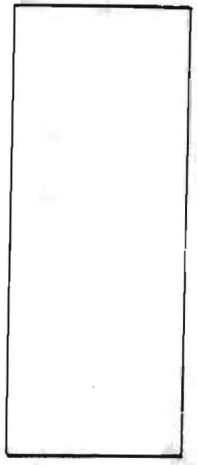
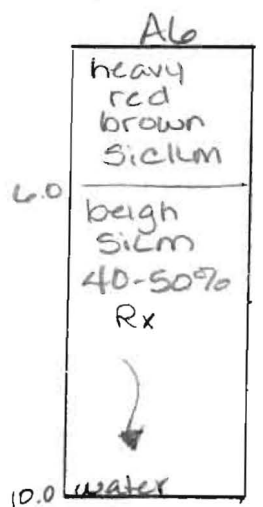
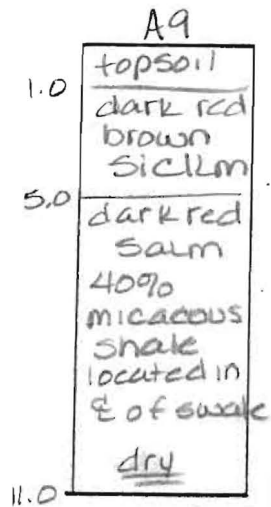
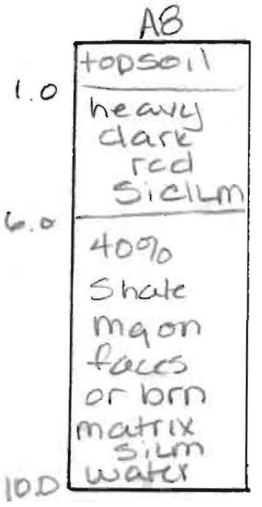
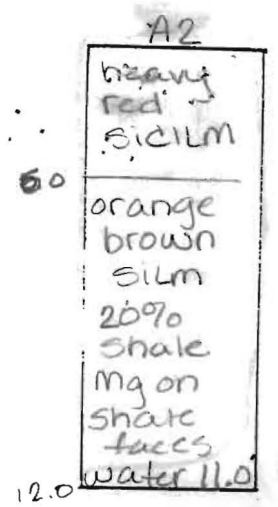
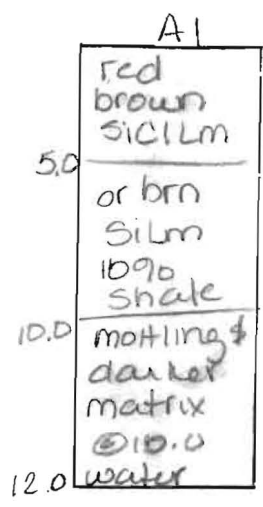
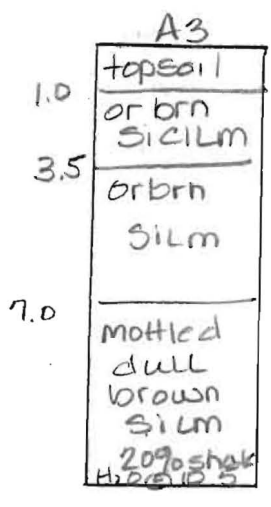
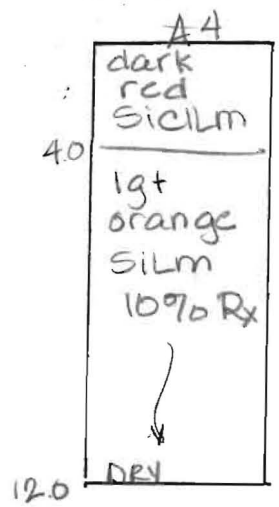
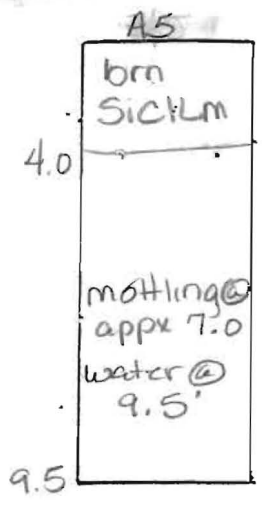
HOLD PENDING FURTHER TESTS _____

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



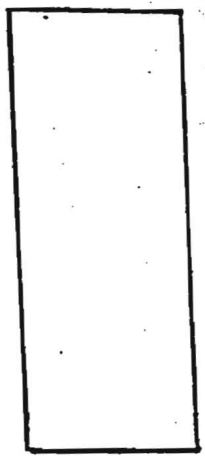
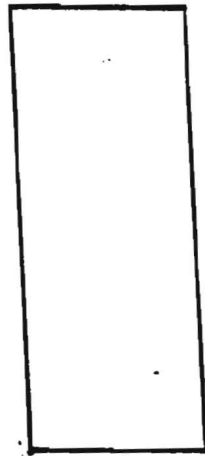
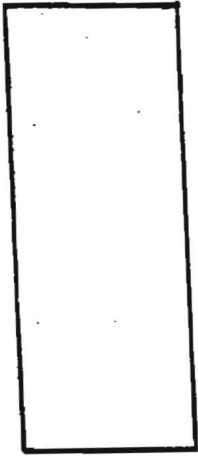
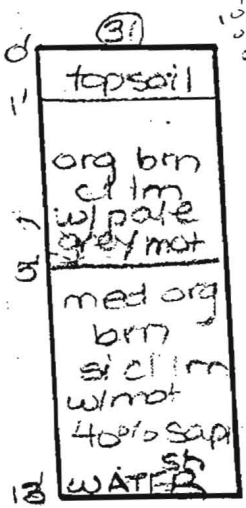
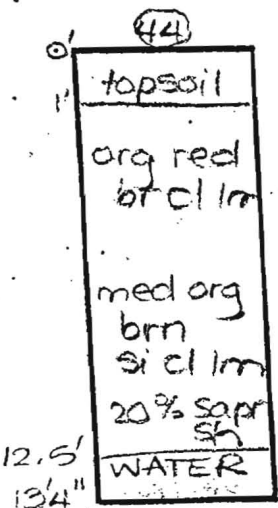
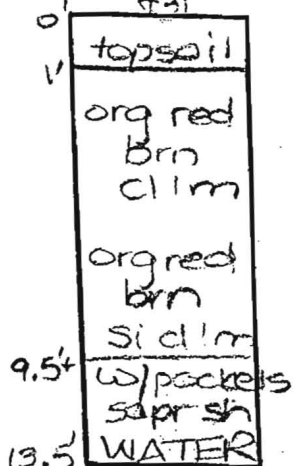
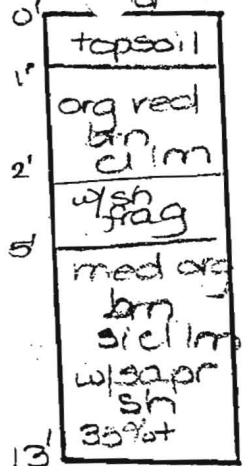
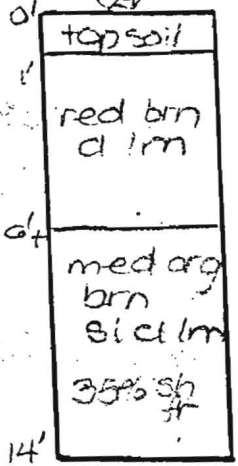
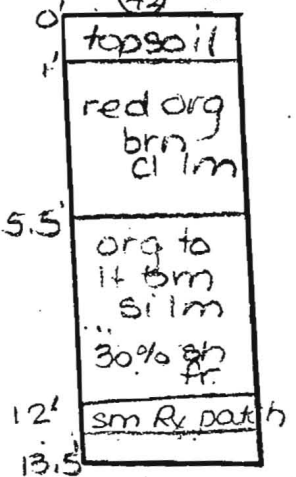
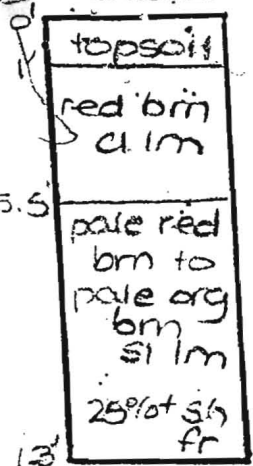
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
4-30-99	A5	See profile	insufficient depth to H ₂ O					F	
	A4	3.5 / 12.0	12:24		No mvmt @ 12:40			slow	
	A4	4.5 / 12.0	12:36		No mvmt				
	A3	3.5 / 10.5	12:30	12:40	12:40	1:00	20min	Adjust SDA higher to	
	A1	3.5 / 12.0	12:52		no mvmt @ 1:15 - would be				
		OK @ 5.0	adjust sda uphill from this hole & OK						F
	A2	3.5 / 12.0	1:22		no mvmt @ 1:35 - deep				
		clay & insufficient depth	to H ₂ O					F	
	A8	3.5 / 10.0	1:42		No mvmt @ 1:57 - deep clay & insufficient depth to H ₂ O			F	
	A7	3.5 / 13.0	1:47		less than 1/4" @ 2:10 - deep clay & insufficient depth to H ₂ O			F	
	A9	3.0 / 11.0	1:58		No mvmt @ 2:15 - location & slow perf			F	
	A6	3.5 / 10.0	2:23					adjust out of swale	
	A6								

REMARKS _____

TESTED BY Amy McMillen

ALSO PRESENT _____

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11-18-97	41	6.0'S	11:43	11:55	11:55	little slow	OK	below here
		13.0'D					OK	
	42	6.0'S	11:58	12:02	12:02		10	
		13.5'D					OK	
	29	6.5'S	12:11	1:30			FAIL	
		14.0'D						
	30	7.0'S	1:33	1:41	1:41	1:55	14	
		13.0'D					HOLD	
	43	6.5'S	1:37	No mvm @ 2:07			FAIL	
		13.5'D	Water					
	44	6.5'S	1:41	No mvm @ 2:11			FAIL	
		13'4" D	Water @ 12.5'					
	31	5.5'S	1:40	2:06	less than 1/2" @ 2:36		FAIL	
		13.0'D						

COUNTY #

SOIL PROFILE

717

Red brown
Silm
20%
Shale

Mottled
Mg
deposits
30%
Saprolite

Water

719
heavy
red
Silm

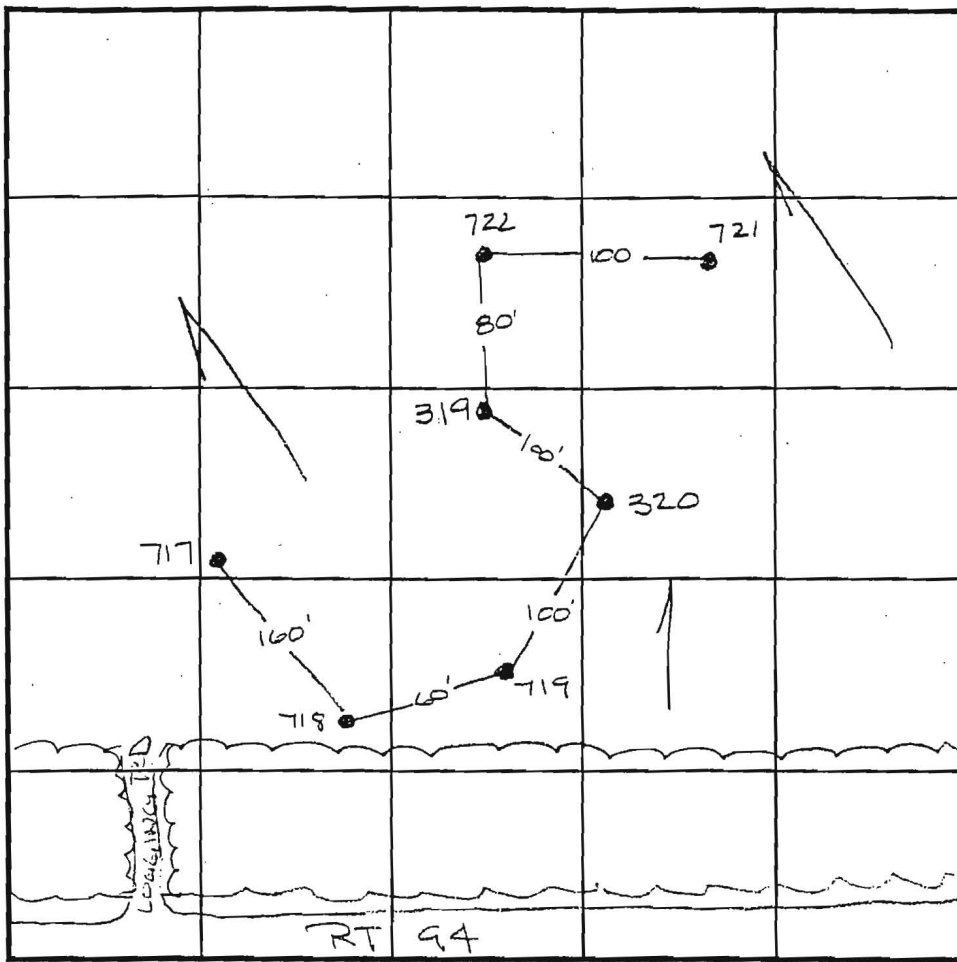
orange
brown
Silm

Mottled
Mg
deposits

718
like
717

319
like
717

320
like
719



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PT
722
like
719-
water
@ 11.0'

721
like
719

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-4-98	717	5.5 VII.0	3:20	3:31	3:31	1/2" @ 4:02	
		Slow perc - insufficient depth to				H2O	F
	719	5.5 VII.0	3:33	3:50	3:50	4:20	30min
	718	6.0 VII.0	3:25	3:33	3:33	3:50	17min
	320	6.0 VII.0	3:54	3:58	3:58	4:08	10min
	319	6.0 VII.0	3:38	no perc @ 4:25			Slow
		Slow perc - insufficient depth to				H2O -	F
	722	6.0 VII.0	4:01	no perc @ 4:25			
		Slow perc - insufficient depth to				H2O	F
	721	6.0 VII.0	4:08	4:16	4:16	4:30	14min

REMARKS _____

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 _____

COUNTY #

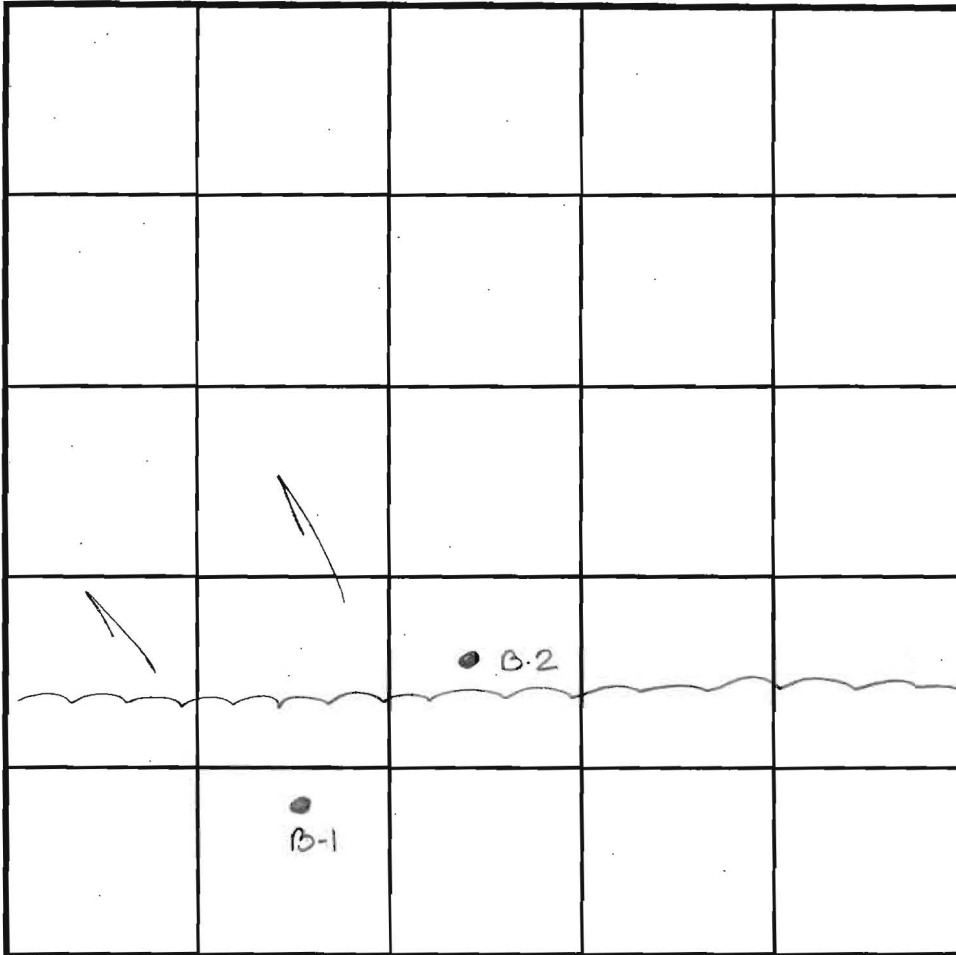
SOIL PROFILE

0'
 B1
 orange
 brown
 SiClM
 4.0
 lgt
 orange
 SaM
 50%
 Rx
 12.0

B-2
 dark
 red
 brown
 SiClM
 4.0
 beige
 SiSaM
 30%
 Rx
 14.0

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Rt. 94

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9 3. 99	B-1	4.5 V12.0	10:40	NO 15 min CLAY EX	NO 11.0 min EXCESSIVE RX SEE PROFILE	11.0	F
	B-2	4.5 V14.0	10:47	10:50	10:50	11:05	15min

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Greg Filan

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

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 Le Roy Smith

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Smith Property LOT NO. 1

ROAD AND DESCRIPTION Rt 94

TAX MAP _____ PARCEL # _____

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 _____

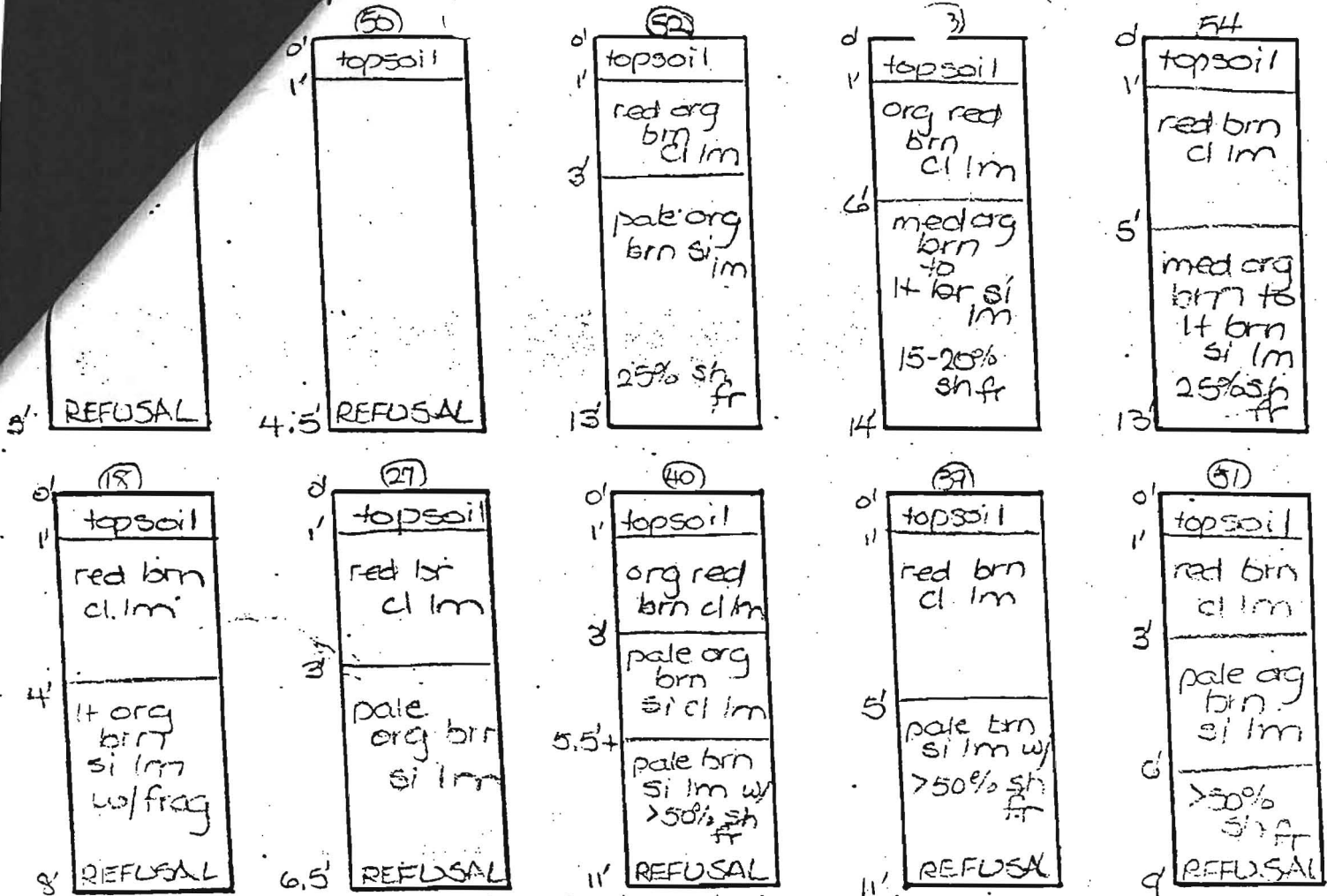
HOLD PENDING FURTHER TESTS _____

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 _____

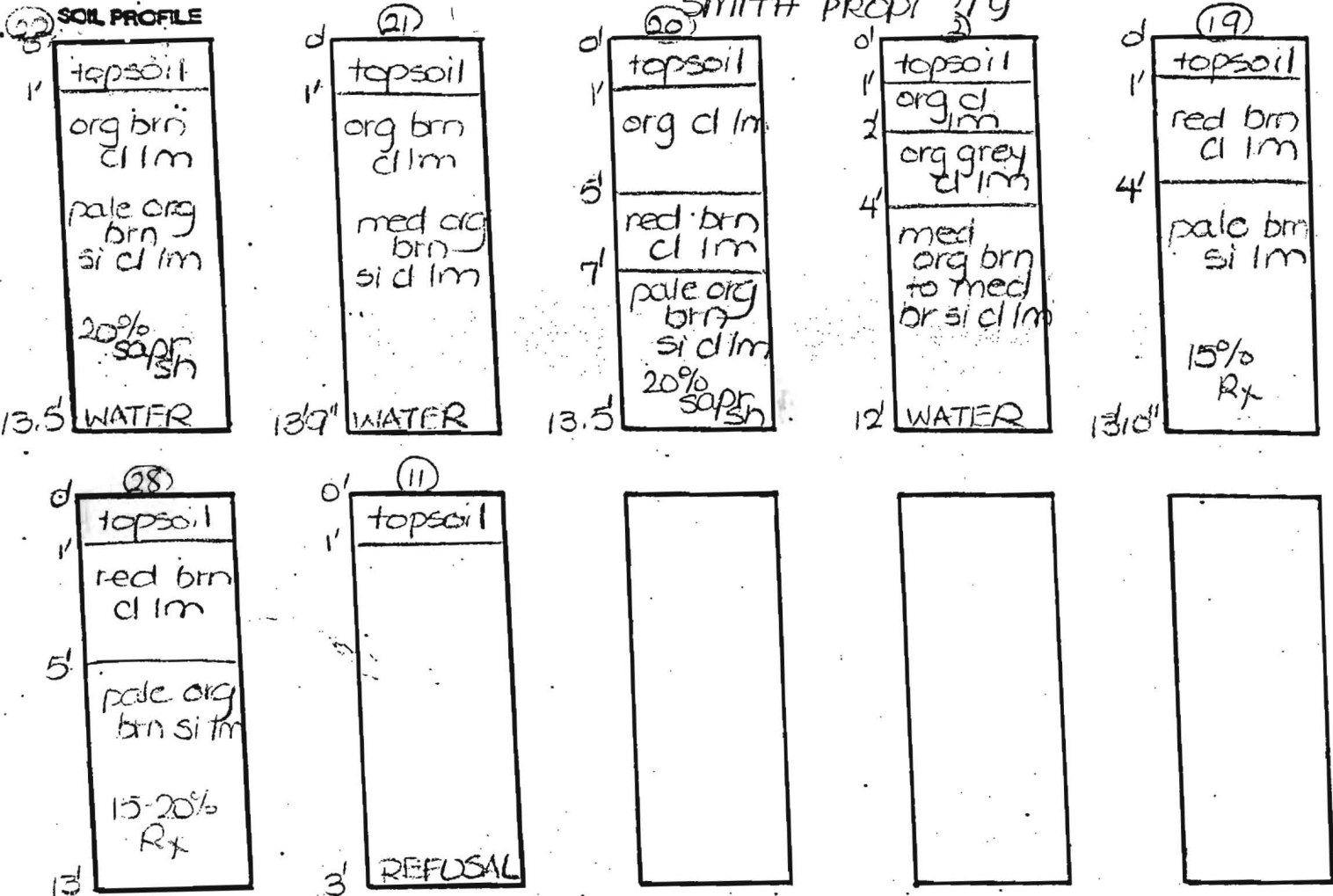
THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-13-97	17	3.0'D					FAIL
	18	8.0'D					FAIL
	27	6.5'D					FAIL
	40	11.0'D					FAIL
	39	11.0'D					FAIL
	51	9.0'D					FAIL
	50	4.5'D					FAIL
	52	3.0'S	10:51	10:57	10:57	11:09	12
		13.0'D					OK
	53	6.0'S	11:15	11:25	11:25	11:44	19
		14.0'D					OK
	54	5.5'S	11:28	11:31	11:31	11:45	14
		13.0'D					OK

SOIL PROFILE

SMITH PROPERTY



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-12-97	22	6.0'S	2:32	NO mvmt			FAIL
		13.5'D	Water				
	21	7.5'S	2:55 ₃	NO mvmt			FAIL
		13'9"	Water				
	20	5.5'S	3:09	3:34	3:34	1/4" @ 4:04	FAIL
		13.5'D					
	12	6'10"S	3:21	3:49	3:49	NO mvmt 4:10	FAIL
		12.0'D					
	19	4'11"S	3:26 ₃	3:28	3:28	3:32	4
		13'10"D					
	28	6.0'S	3:42	3:46	3:46	3:52	6
		13.0'D					
	11	3'3"D	Refusal				FAIL

Approved Perc Plan 7/27/01

