

APPLICATION

PERCOLATION TESTING

A 515042

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 Benedict Farm 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

COUNTY #

SOIL PROFILE

0' 463 462 458

orange
brn
sac l m
10-20%
frags

5

beige
tan wh.
sand l m
10-15%
frags

14

459

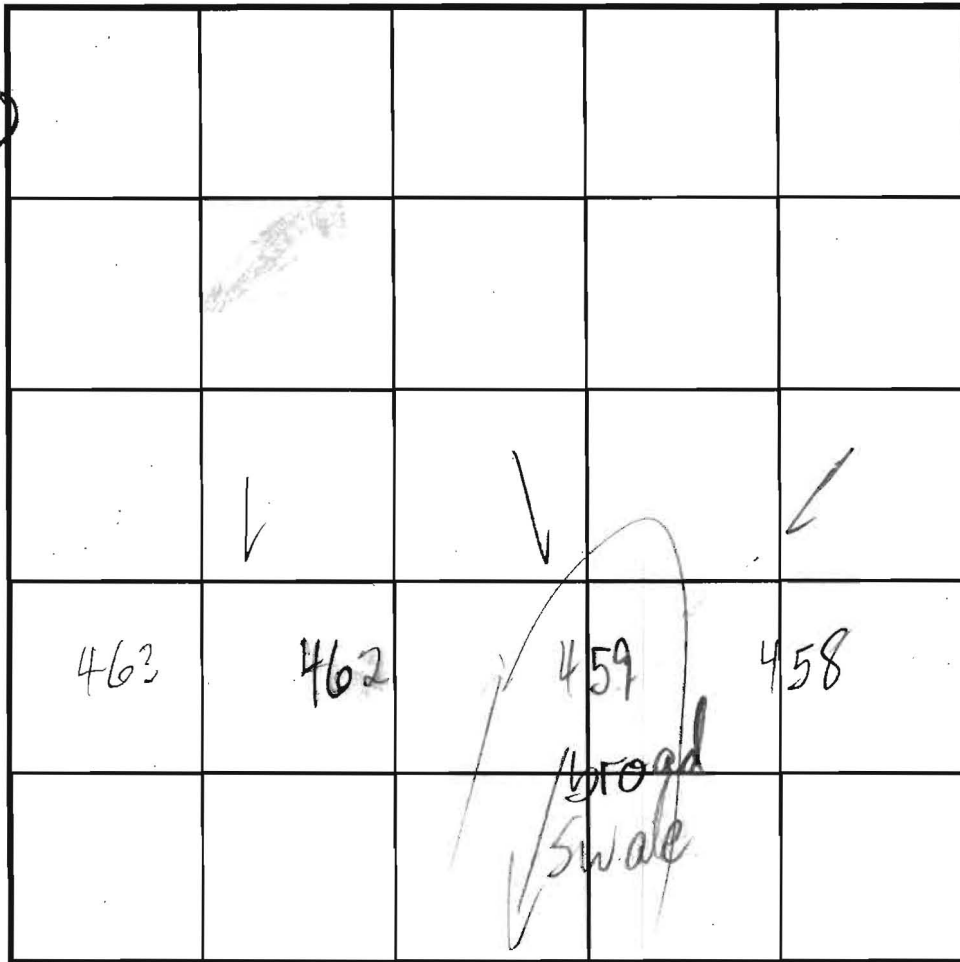
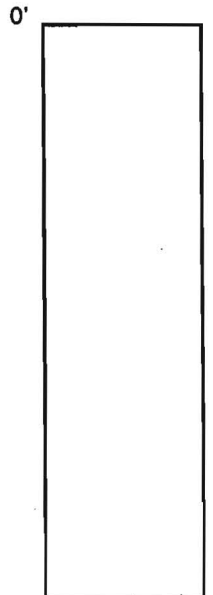
brn
orange red
cl l m
10% frags

4 1/2

orange brn
sa l m
10%
frags

13 1/2

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/16/01	463	5'9" / 14	2:07	2:09	2:09	2:11	2
	462	5 1/2 / 14	2:12	2:14	2:14	2:21	7
	459	5'9" / 13 1/2	2:20	2:22	2:22	2:26	4
	458	4 1/2 / 5 13 1/2	2:25 2:41	2:32 2:51	1/4" 1/2"	SLOW SLOW	
	458	5 1/2	2:59	3:02	3:02	3:12	10

REMARKS ALL HOLES PER PLAN

TYPE OF SOIL

TESTED BY Mark RIFKIN ALSO PRESENT Chuck Crowe Mike Sacrew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

APPLICATION

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

DISTRICT _____

DATE 4-13-01

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 Natalie Ziegler

ADDRESS 11352 Homewood Rd. PHONE 410 740-6380

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. _____

ROAD AND DESCRIPTION Rt 108 + Homewood Rd.

TAX MAP 29 PARCEL # 93/229

SIZE OF LOT 3.0 acres +/- 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. Natalie Ziegler
(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

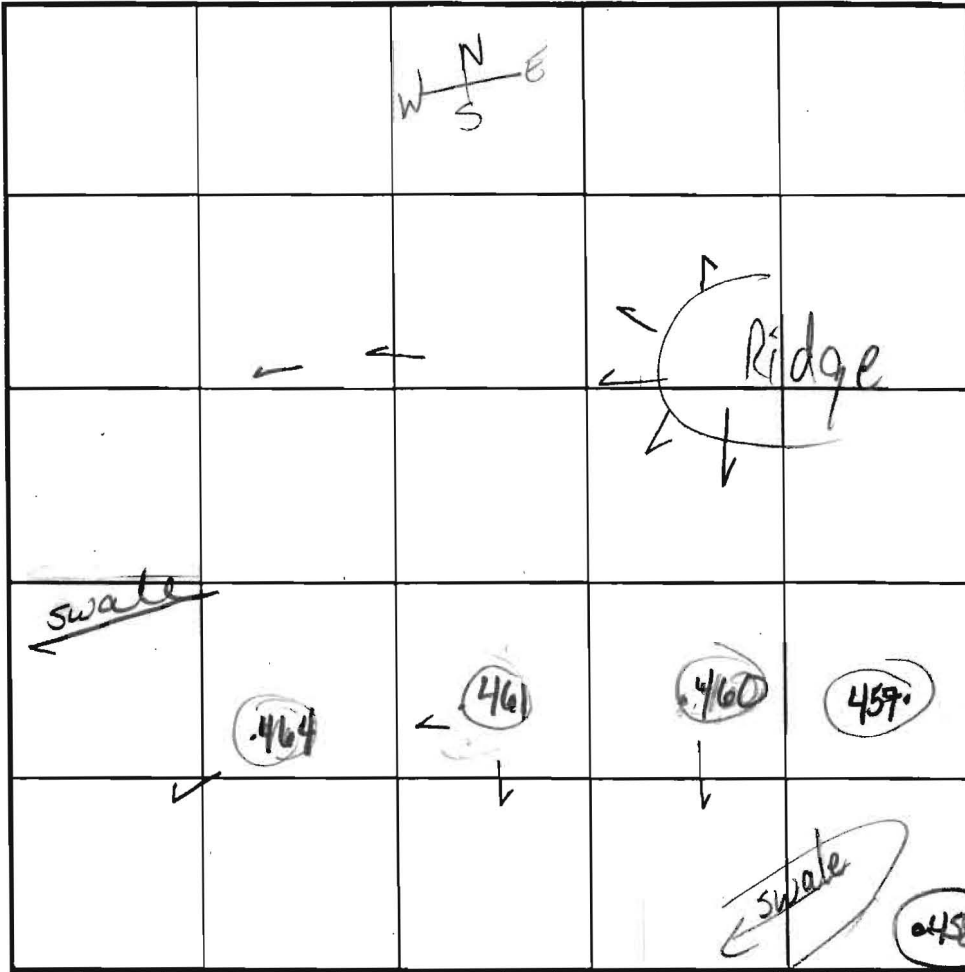
COUNTY #

SOIL PROFILE

0' (464)
 Micaceous
 SCL Lm
 Rd Brn
 tan
 Rock Frag
 10-15%
 5'
 Rock Frag
 5-10%
 SLm
 org brn
 tan
 mica present
 Bottom

8" (461)
 Topsoil
 strong
 org brn
 CL Lm
 Rock 5-10%
 6'
 H beige
 org brn
 Lm
 Rock
 5-10%
 Bottom

6" (460)
 Topsoil
 Granular
 SLm
 micaceous
 10-15%
 Rock Frag
 6'
 H brn
 white
 org brn (H)
 micaceous
 small rock
 frags - pink
 quartzite
 15-20%
 Bottom



SOIL PROFILE

0' (457)
 4" Strong
 red brn
 CL Lm
 Mn aggregates
 5 1/2" org brn
 Si CL Lm
 TRACE
 Rock
 Frag
 13 1/2" Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-16-01	(464)	5'8"	12:31 ⁰⁰	12:32	12:32 ⁰⁰	12:33 ⁴⁵	1mm 45 sec
		13' Bottom					Pass
	(461)	5 1/2' S	12:45	12:54	12:54	1:24	30 min
		12' Bottom					OK @ 6'
	(460)	5'3" S	12:50 ³⁰	12:54	12:54	1:00	6 min
		13' Bottom					PASS
	(457)	5'3" S	1:02	1:02	Pulled		
		13 1/2' Bottom					OK @ 7'
	RESERVED (457)	7'5"	1:31 ³⁰	1:41	1:41	2:07	26 min
							PASS

REMARKS Per Plan, Trace Rock Frag < 2% #461 Shelf Bottom @ 6' - much better soil

TYPE OF SOIL HOLES PER PLAN

TESTED BY Goedeking ALSO PRESENT Chuck C.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH MIKE J crew

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ FT/Bedroom

EAST

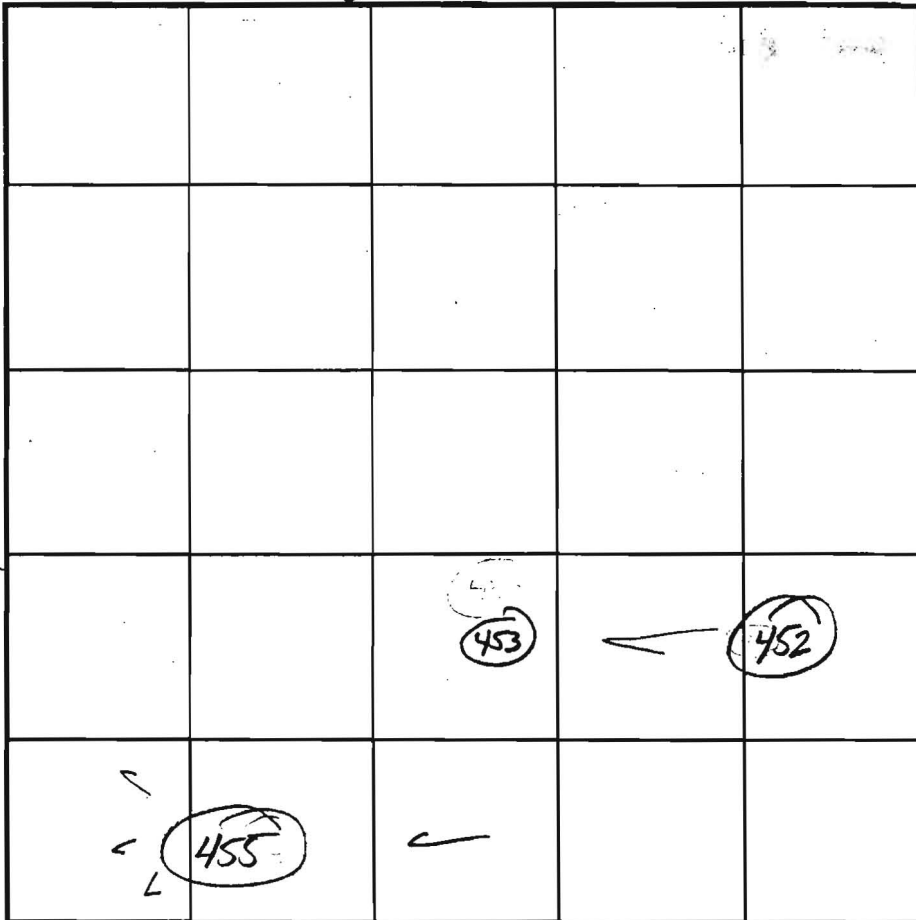
COUNTY #

SOIL PROFILE

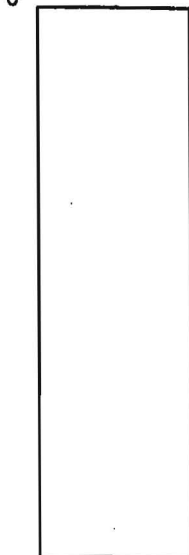
(455)

0' DK brn organic lm
 6-8" hy lm - CLM
 7.5YR 6/6 (reddish yellow)
 53" 5/6 7.5YR 5/6 Strong brn lm
 <2% Weak saprolite from parent material

NORTH



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 108

14' Bottom (453) (455)

6" Topsoil
 5YR 4/6 yellowish rd
 hy. lm micaceous

7 1/2" lm
 6/3 5YR 8/1, 8/2, Grey weak saprolite (variable color) Rock Frag 5%

13-14" Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/12/01	P 455	5 1/2' S	10:54	11:00	11:00	11:10	10 min
		14' D					PASS
	P 453	5' 4" S	11:02	11:07	11:07	11:14	7 min
		13' D					PASS
	P 452	Visual	SEE	SOIL PROFILE (453)			PASS

REMARKS Saprolite color of parent material | HOLES PER PLAN

TYPE OF SOIL _____
 TESTED BY Goede King, K ALSO PRESENT (WR) Mike & crew
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

COUNTY #

SOIL PROFILE

(449)

Strong Red brn choc DK brn, strong yellow brn granular CL Lm Rx ≤ 5% 5 1/2 - 6'

dk yellow brn tan, beige Micaceous Lm Rx - Trace 8'

yellow brn fine sand Rx Trace Bottom 13'

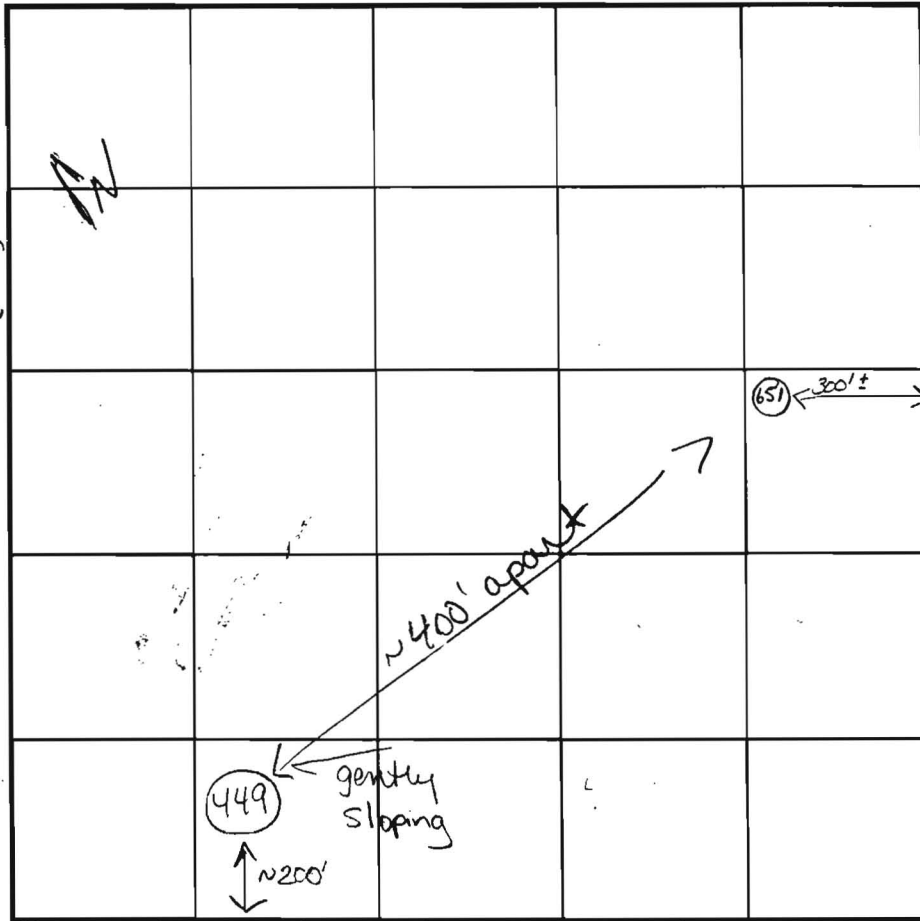
(651)

Brown DK brn org brn granular CL Lm 2'

Mottles lite grey w/ tan clay 3'

rd clay w/ quartz frags 5-10% 7'

tan beige white md size sand granular coarse Rx Trace Bottom 14'



SOIL PROFILE

0'

H
O
M
E
L
A
N
D
R
D

↑ white fence across street in sight approx 300'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Route 108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-22-02	449	6' 4" S	9:24:33	9:33	9:33	9:52	19 min
		13' D					OK
	651	7' S	9:43:27	9:44:38	9:44:38	9:53 ⁰⁷	9 min
		14'					OK
Info copied twice to attach to local notes for each hole.							

REMARKS (651) @ 2' tan matrix w/ grey. Fragments 2-3' holes per plan

TYPE OF SOIL _____

TESTED BY Goedeking ALSO PRESENT Chuck Crovo
Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

515042

COUNTY #

SOIL PROFILE

1276

Strong DK RED
CL Lm-
hvy loam
Dense
packed
Rx Trace

tan
y brn
micaceous
fine
sand
Trace
Bottom

1279

Strong
RD
CL Lm
Trace Rx

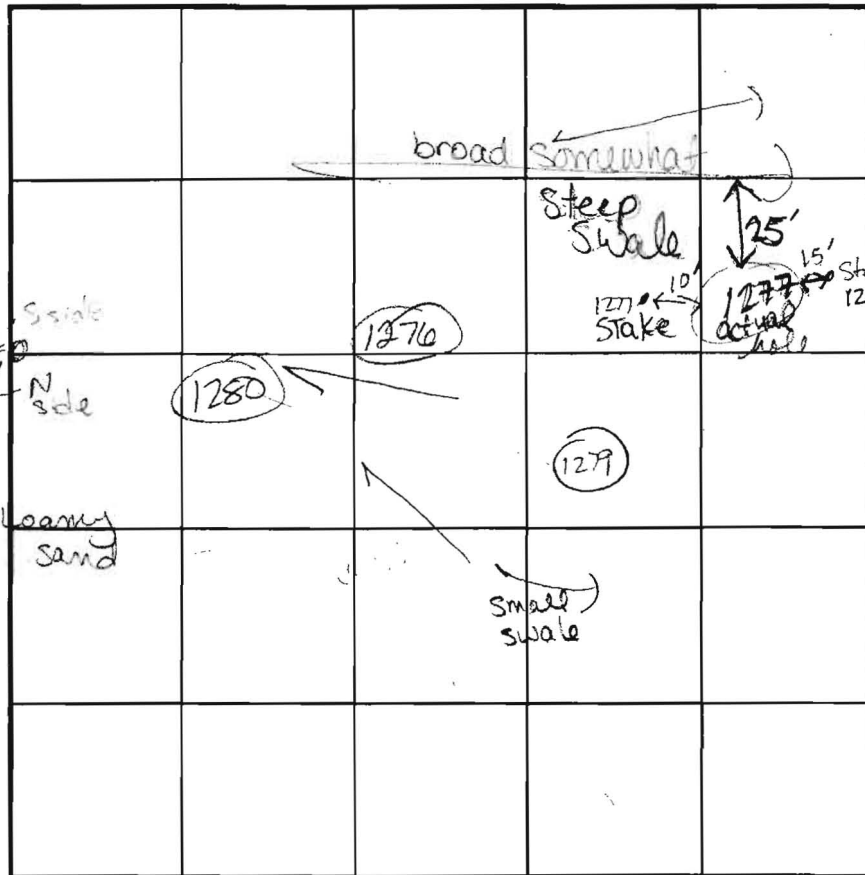
tan
y brn
micaceous
fine
sand
Rx: 5%

Bottom

1280

brn
Si loam
Loam
Rx Trace

lt brn
lt tan
micaceous
Loam
almost
Si Lm
Rx
Trace



SOIL PROFILE

1275/1277

Dense
packed
RD CL Lm
Trace
Rx

W Long
Loamy
SAND
micaceous
Bottom
Rx 5%

Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Rt 108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-4-02	1276	5 1/2' S / 7 1/2' M / 13'	10:59:45	11:01:00	11:01:00	11:05:10	4 min OK
	1279	5 1/2' S / 7 1/2' M / 13'	11:15:00	11:22	11:22	11:32	10 min OK
	1280	Visual	See	Soil Profile			OK
	1277	5' S / 13' V	11:39:10	11:40:55	11:40:55	11:51	No Moist OK @ 6 1/2' or 7'
	1275	7 1/2' S / 13' V	11:36:33	11:44:07	11:44:07	11:57	13 min OK

REMARKS Staked per plan. Topo per plan

TYPE OF SOIL LOT 60 / LOT 58 area

TESTED BY Kacie ALSO PRESENT Chuck Crow

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

