

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 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 410 740-6880

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 310 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

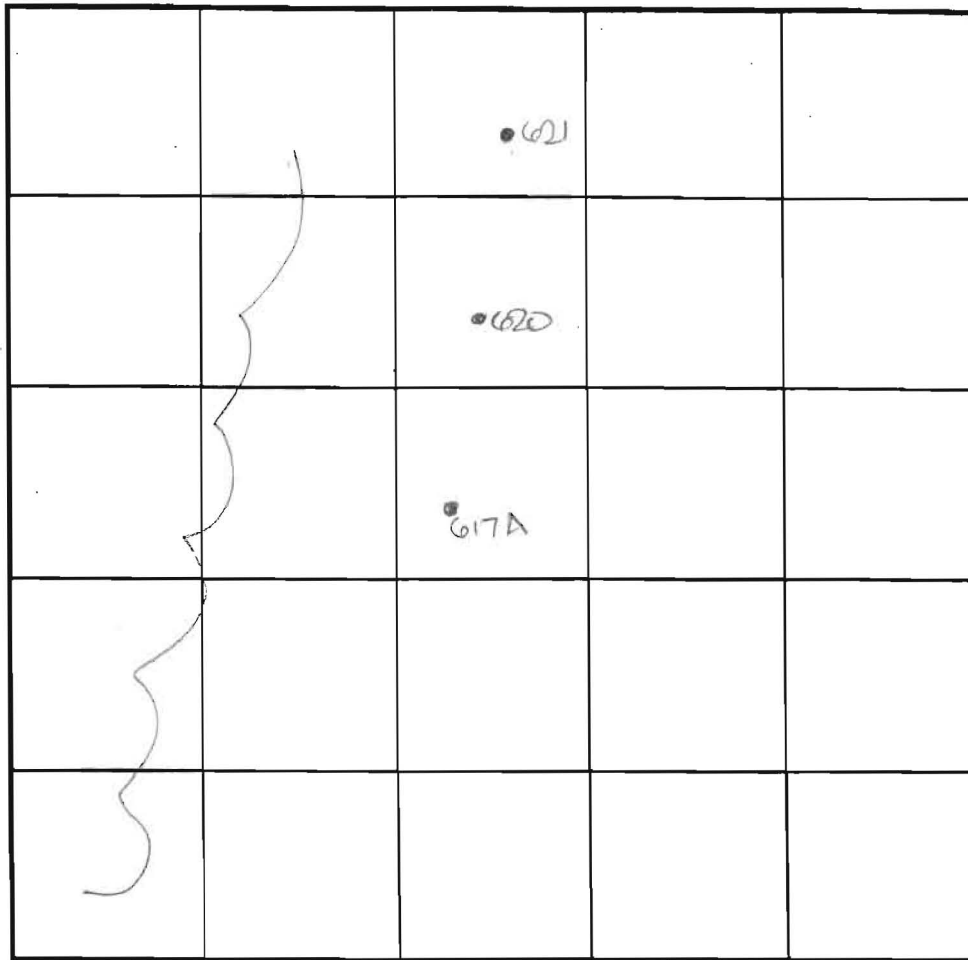
COUNTY #

SOIL PROFILE

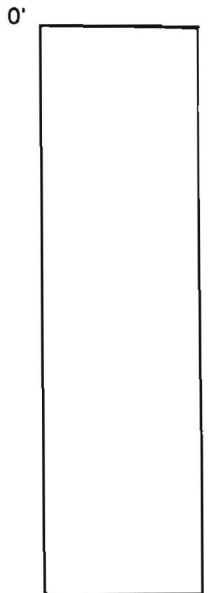
0' 617A
 1' topsoil
 org brn cl lm
 5' de org brn to de brn cl lm
 8' cave in
 10' Water

d 620
 1' topsoil
 org brn cl lm
 5' med org brn cl lm
 molles
 11' seepage
 11.5' Water

0' 621
 1' topsoil
 red brn cl lm
 3.5' 4' org brn si mica lm
 25% rock
 14' Water



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-11-01	617A	8.0' D	Water	seepage	- see profile		FAIL
	620	11.5' D	Water	seepage	- see profile		FAIL
	621	4.5' S	11:10.3	11:11.3	11:11.3	11:13	2
		14.0' D	Visual	- see profile			OK

REMARKS

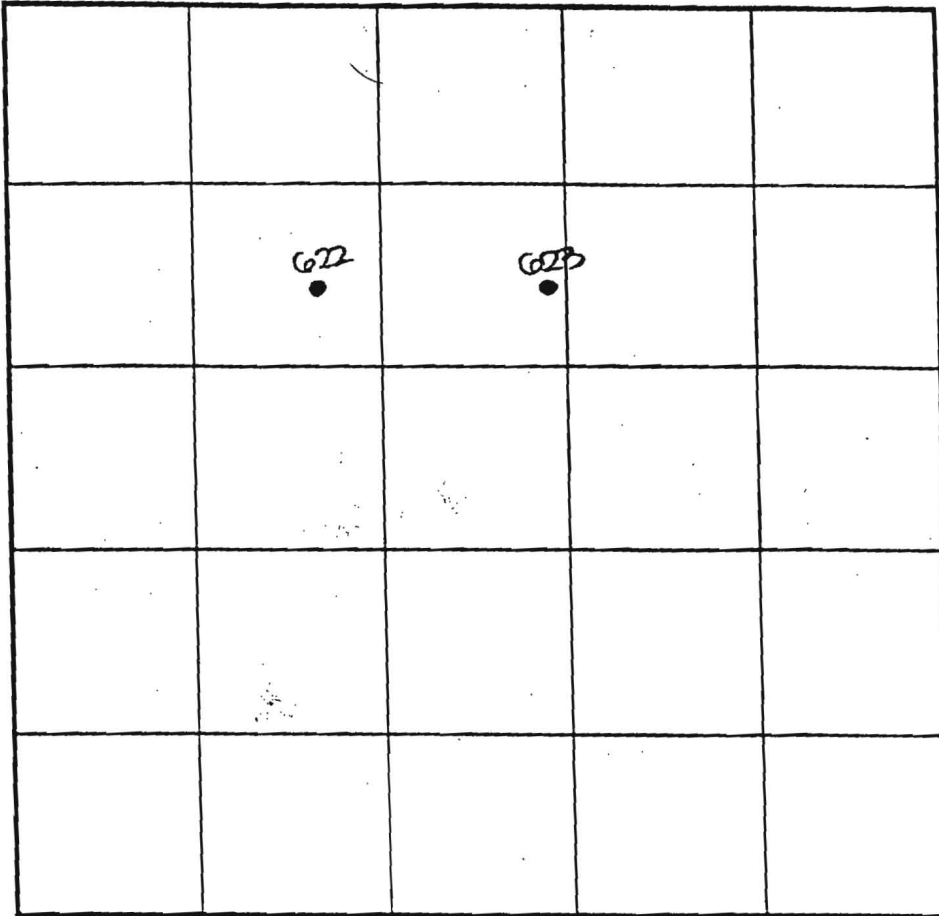
TYPE OF SOIL _____ DUE TO DROUGHT CONDITIONS,
 TESTED BY DKC APPROVABLE HOLES MUST HAVE 8
 FEET FROM OBSERVED
 TRENCH DESIGN DATA: A GROUNDWATER TO BOTTOM OF
 INLET DEPTH _____ PROPOSED SEPTIC SYSTEM

PRESENT M. Johnson & Crew
 Owners
 TRENCH WIDTH _____
 FT/BEDROOM _____

COUNTY #

SOIL PROFILE

0' 622
 topsoil
 dk red
 brn
 cl brn
 6.0'
 med
 brn
 sa mic
 Lm
 10% root
 13.5'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

623

0' 623
 topsoil
 dk brn
 cl brn
 b
 dk brn
 sa mic
 Lm
 8.8" seepage
 11' water

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5-29-01	<u>622</u>	6.0' S	11:25	11:26	11:26	11:27	2
		13.5' D	Visual	- see	profile		OK
	<u>623</u>	11.0' D	Water	(seepage 8.8")			FAIL

REMARKS _____

TYPE OF SOIL _____ DUE TO DROUGHT CONDITIONS,
 TESTED BY DLC APPROVABLE HOLES MUST HAVE 8
 TRENCH DESIGN DAT _____ FEET FROM OBSERVED
 INLET DEPTH _____ GROUNDWATER TO BOTTOM OF
 PROPOSED SEPTIC SYSTEM

ALSO PRESENT U. Schmecken
 TRENCH WIDTH _____
 SO. FT./BEDROOM _____

COUNTY #

SOIL PROFILE

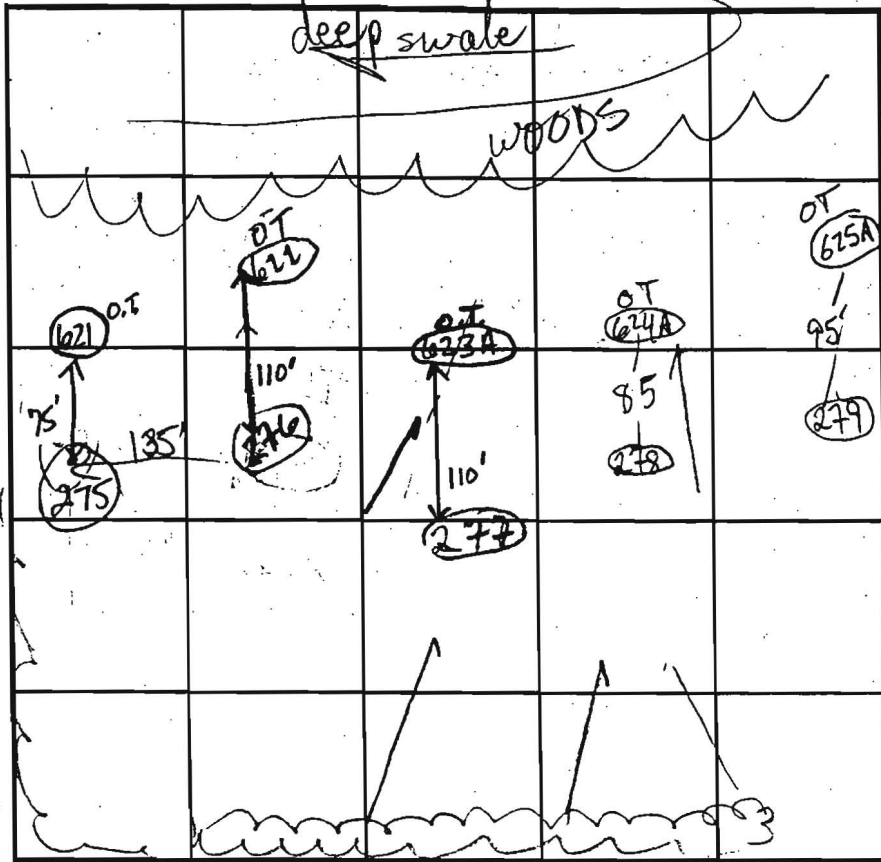
0" (278)
 4" Topsoil
 Rd brn Heavy Clay
 52" 1" tan org rdbrn Si Lm
 7" beige 1" beige SA Lm Bottom
 5-10% Overite Rock Frag

(279)

4" Topsoil
 rd, org, dk brn micaceous CL Lm 3-5% rock
 2' rd brn brn dk br mica tan rock frag
 12' 10-15% 20-30% rock Bottom
 13'

(276)

4" Topsoil
 Dk rd Heavy Clay 5-10% rock frag
 2 1/2" tan 1" brn beige micaceous Si Lm Rock frag 15-25%
 13'



SOIL PROFILE

0" (273)
 19" Topsoil
 rd Heavy Clay
 32 1/2" tan brn beige off-white micaceous Si Lm 5-10% frag
 74' Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-29-01	278	5'8" S	11:55	11:58	11:58	12:00	2 min
		13'6" D					PASS
	277	6' S	12:05 ³⁰	12:07 ²⁰	12:07 ²⁰	12:07 ⁴⁰	repair
		13' D					MARGINAL
			12:11 ³⁰	12:12 ²⁰	12:12 ²⁰	12:13 ⁴⁰	~1 min ²⁰ sec
	276	5'6" S	12:10	12:21	12:21	12:24	3 min
		13'6" D					PASS
	275	~4 1/2' S?	12:29	12:32	12:32	12:34 ¹⁵	~2 min
		14' D					PASS

REMARKS

HOLES DETR PLANT

TYPE OF SOIL

TESTED BY G. G. G. G.

ALSO PRESENT Chuck C. MIKE J. crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM