

APPLICATION

PERCOLATION TESTING

A 517904

F _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 9/5/02

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 DORSEY MILL L.L.C.
14045 GARET DRIVE
ADDRESS GLENWOOD, MD 21738 PHONE 410-531-8950
FAX 410-531-8939

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

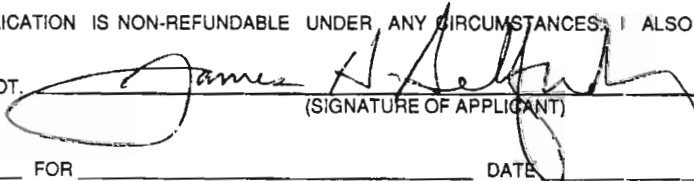
SUBDIVISION DORSEY MILL ROAD LOT NO. _____

ROAD AND DESCRIPTION 14445 DORSEY MILL RD, GLENWOOD, MD 21737

TAX MAP 21 PARCEL # 227

SIZE OF LOT 53.87 AC. TYPE BLDG. SINGLE FAMILY DWELLING
(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

517904

COUNTY #

NOT TO SCALE

SOIL PROFILE

0' 3572
brown
topsoil

1' org-brn
to
red-brn
silty clay
1m

3' red-brn
silt 1m

4' org-brn
fine
sandy 1m
0-5%
Rock

14'

3573

SEE

3572

no obvious
signs of
redox
features
14'6"

3574

SEE

3572

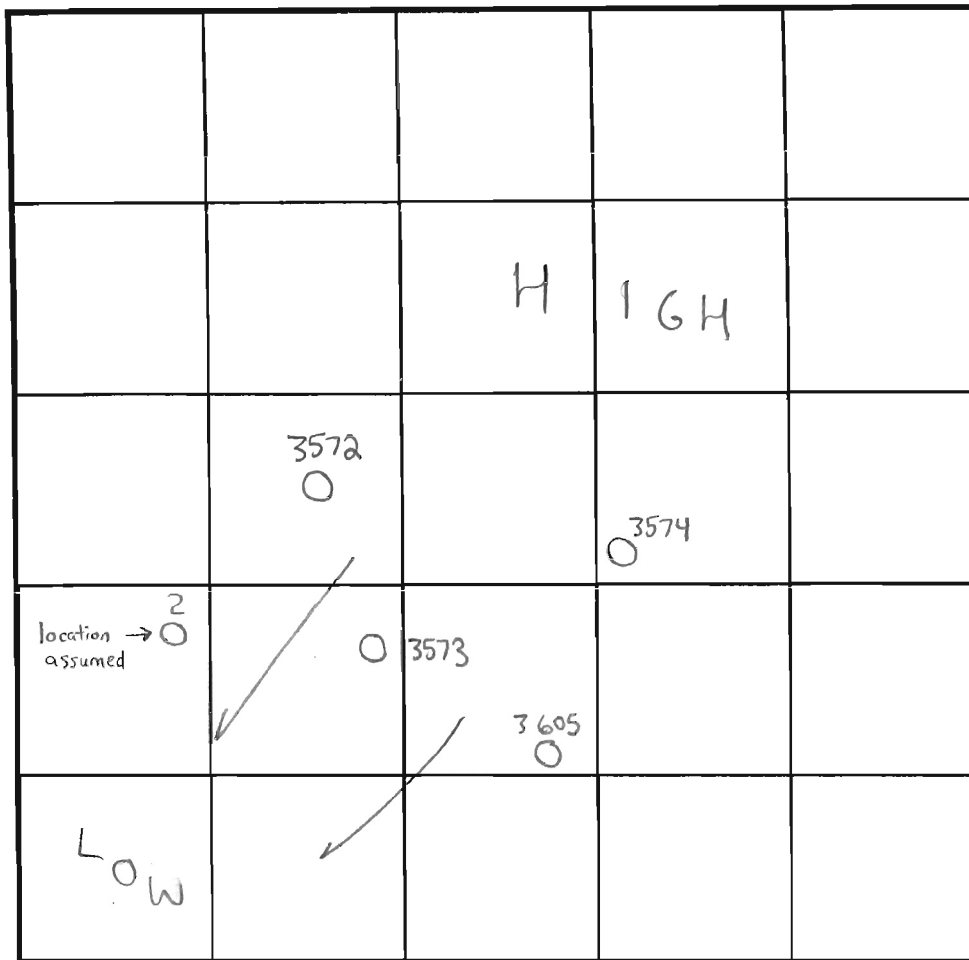
14'7"

SOIL PROFILE

0' 3605

SEE
3572

no obvious
signs
of
redox
features
14'8"



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/6/02	3572	14'V	(VISUAL)	OK	SEE SOIL	PROFILE)	NA	OK
	3573	14'6"V	"	"	"	"	NA	OK
	3574	14'7"V	"	"	"	"	NA	OK
	3605	14'8"V	"	"	"	"	NA	OK
3/16/98	2	13'6"V	(PREVIOUSLY EVAL. BY RJP)				NA	OK
			Water	at	13 1/2'			

REMARKS All holes consistent / picked w/ trowel - Wet season not an issue

TYPE OF SOIL Glenelg

TESTED BY SRK Donnie Simpson = Backhoe ALSO PRESENT Bob Sheesley } 12/6/02
Jim Selfridge }

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2-7 min est TRENCH WIDTH 3'

INLET DEPTH 3.5' MAXIMUM BOTTOM DEPTH 5.5' SQ. FT./BEDROOM 180

A 59819

Woodmont Academy

COUNTY #

SOIL PROFILE

0' Topsoil Dark grey Brn
Stab Brn CL

12-15' Red Brn HL

4' Red Brn Micaceous - SL

10-12' Brown hard + thick str. Supr. cad. Blk. Brn. Stab. - grey, rusty, thin

13-15' water seepage

5' water underlay

3' Topsoil grey HL

1-2' pale yellow FSL (mica)

12' low str. Spindle bottom

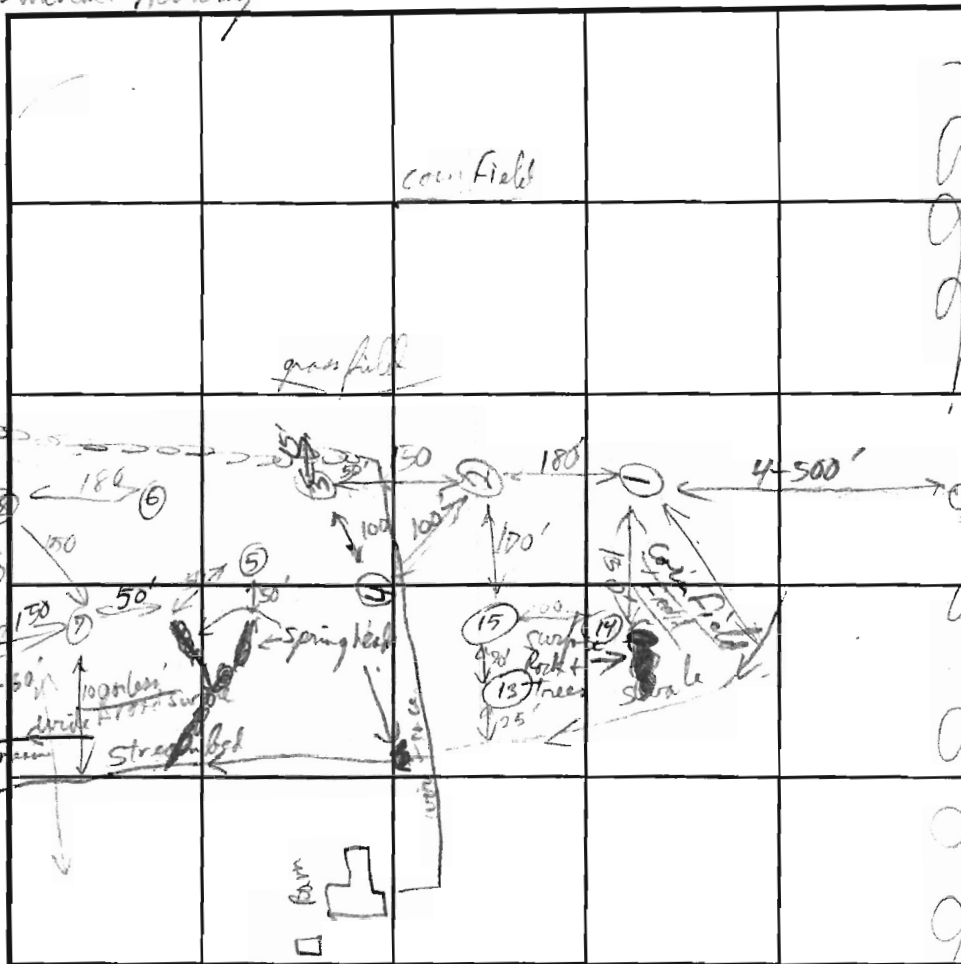
5' St. Brn SL-L

8' yellow. Stab HL-L

12-15' pale cream, yellow, grey, + pale grey, + dark brown - BLK. in m. 3p Black (SL) in micaceous - SL

5' water underlay

2' Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 14, 15, 9, 7

St. Brn HL + sub. pad HL

12-15' Topsoil

Micaceous Saprotite

8-12' Black + dark Brn. Mn + Fe stains and cad. dark Brn. unres. in Saprotite

pale yellow to orange-red mottles, and grey mottles in Saprotite

FSL

14-15'

3' grey loam

1/2' Red Brn loam

1/2' dark grey Sil

2' 1" Mod Brn in FSL

4' Min. rusty yellow Brn. + pale blue grey SL gran.

7-12' stone in 3p Black

8' cnc + unres. water bed

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/16/98	1	12'	hard Saprotite @ bottom		OK flow 3 1/2 - 4 ft		OK below 2 1/2 - 3
	2	11' to 15'	Seepage water level @ 14 1/2', seepage @ 13 1/2'		Black & grey mottles in Saprotite		> 1 1/2
	4	9'	Refusal, > 50% locking grey SL @ 6-6 1/2'				Fail
	3	12 1/2'	St. Saprotite @ bottom				OK only depth
	5	9'	Water @ 5 ft, covering 4', Heavy mottles @ 2 1/2' + low				Fail
	7	10 1/4'	water @ 10' mottles, dark brown variegated in Saprotite @ 2 1/2' + low				
	9	10 1/2'	water @ 9 3/4', thin plates, shales, Saprotite, fine @ 8-8 1/2' + low				
	11	10 1/2'	water @ 8 3/4' covering - mottles at 2 1/2' ft + low				Fail
	12	10 1/2'	No water, No Saprotite (OK one depth) only 20' from a sand				Fail

REMARKS (HOLES NOT FIELD LOCATED BY ENGINEER - Exact locations unknown)

TYPE OF SOIL Heavy, Applicable

TESTED BY R. F. Fennell ALSO PRESENT T. Fennell, D. Kerr

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

-SRW
RJP
12/20/02