

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 _____

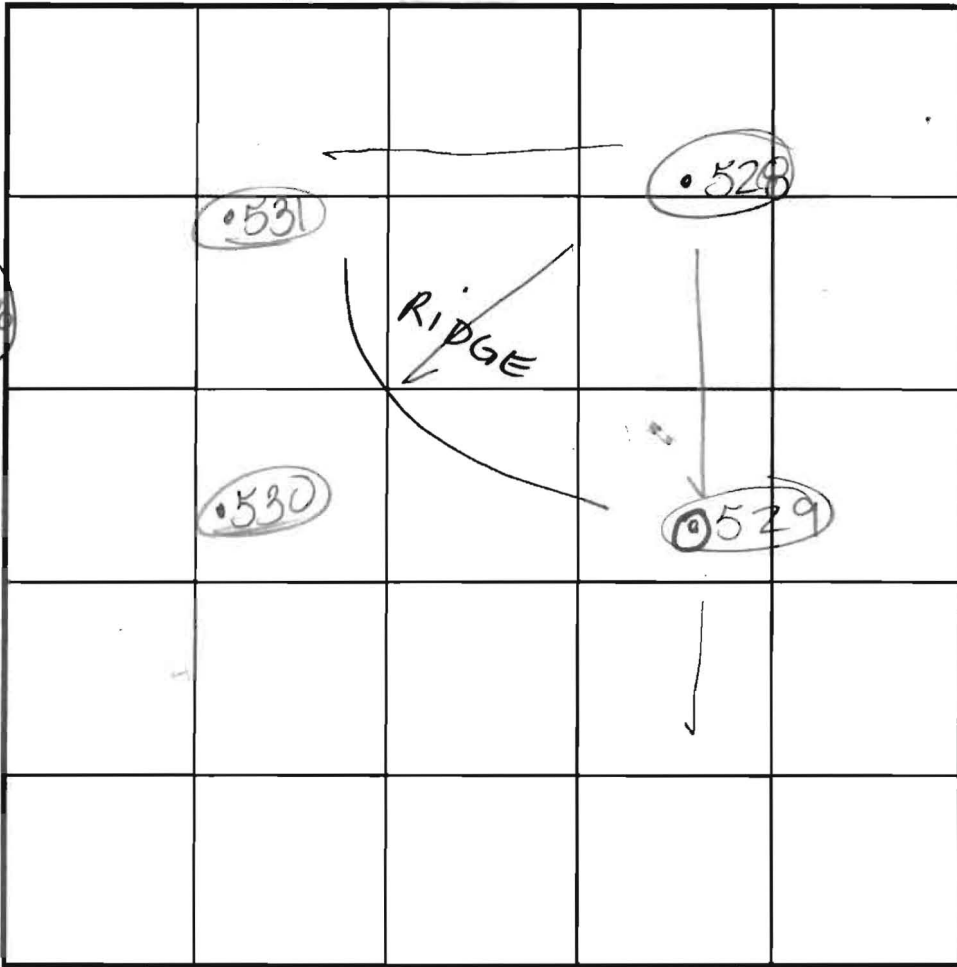
THIS IS NOT A PERMIT

HOMERWOOD

COUNTY #

SOIL PROFILE

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

0' **530** / 528
 Topsoil
 KD CLAY
 DENSE
 (Rock Frag $\leq 10\%$ on 528)
 6'-7'
 brn beige tan
 SA Lm
 14'
 Bottom

(531)
 Topsoil
 HVY RED CLAY
 ↓
 7 1/2'
 org brn tan off white
 SA Lm
 Rock Frag 25-35%
 Bottom

(529)
 Topsoil
 org brn HVY Lm
 5'
 7'
 brn tan
 1m
 Bottom

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME | |
|------|----------|-----------|---------------------------------|------------------------|----------------|---------------------|-----------|--|
| | | | START | STOP | START | STOP | | |
| 9/27 | 530 | 7' S | 12:27 | 12:29 | 12:29 | 12:31 ³⁰ | 2 1/2 min | |
| | | 14' D | → | | | | | |
| | 531 | 7' 7" S | 12:58 | 1:15 | 1:15 | 1:40 | 25 min | |
| | | 12 1/2' D | → | | | | | |
| | 528 | 7' 5" | SOIL PROFILE SUGGESTS DEEP CLAY | | | | | |
| | | 13' D | RETEST SUGGESTED ELSEWHERE | | | | | |
| | (529) | 6' 8" S | 12:46 ⁰⁰ | less than 1" in 30 min | | | FAIL | |
| | | 13' D | → | | | | | |
| | | 8' 4" S | 4:06 | < 1" in 30 min | | | FAIL | |

REMARKS DENSE RED CLAY DEEP, Low % of rock, SA Lm or Lm underneath
 TYPE OF SOIL HOLES PER PLAN
 TESTED BY Goedeking ALSO PRESENT Chuck Crovo Mike & crew
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

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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)

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

THIS IS NOT A PERMIT

RT 108

COUNTY #

SOIL PROFILE (647)

0' DK brn str. rdbm
micaceous SCL Lm
Trace Rx
beige tan
Lm sand
micaceous Rx - Trace
Bottom 14'

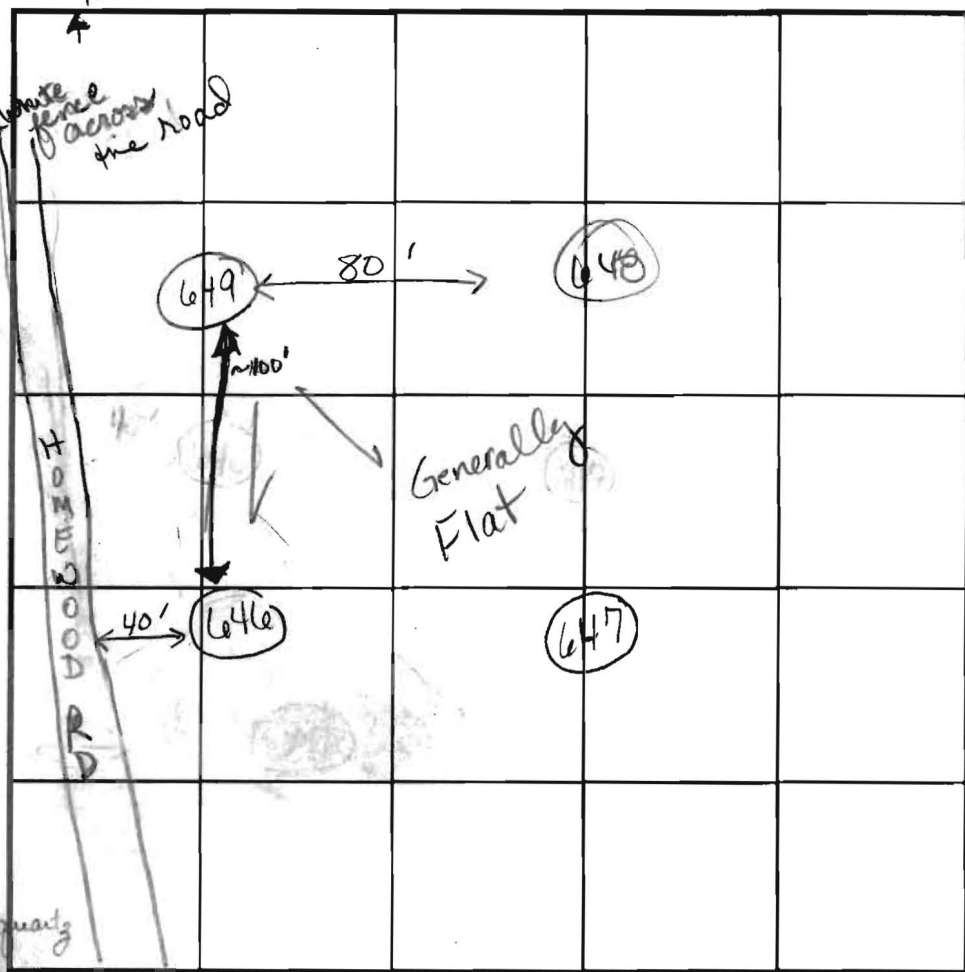
646
DK brn Rdbm
hvy S Lm
w/ clay skins
Rx 10-15%
micaceous quartz
Bottom 14'

62' beige stringy brn org coarse sand
Rx 570%
Bottom 14'

649
Strong Rdbm
granular clay Lm
Trace Rx
beige white fine sand
Rx 15-10%
small rock packet lateral structure
Bottom 13 1/2'

SOIL PROFILE (648)

0' DK brn rdbm
hvy SCL Lm
beige white tan sand
Trace Rx
Bottom 14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|-----------------------|----------|----------|----------------|----------|-----------------------------------------------|
| | | | START | STOP | START | STOP | |
| 2-21-02 | 647 | 6'5" 14'0" | 9:50:33 | 9:54:22 | 9:54:22 | 10:03:58 | 9 min OK |
| | 646 | 6'5" 14'0" 14'D | 10:19:30 | 10:30 | 10:30 | 11:03 | 33 min Pulled - 3/4" DEEPER RE-TEST REQ'D |
| | 649 | 6 1/2' S 13 1/2'D | 10:39:48 | 10:42:35 | 10:42 | 10:48 | 6 min OK |
| | 648 | 5 1/2' S 14'D | 10:51:59 | 11:07 | 11:07 | 11:37 | 36 min Pulled ONLY 1" DEEPER RE-TEST REQ'D |

REMARKS: Holes per plan deep Tx system required

TYPE OF SOIL _____

TESTED BY: Goedeking ALSO PRESENT: Chuck Crow, Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

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PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Benedict LOT NO. 84

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

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

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515042

COUNTY #

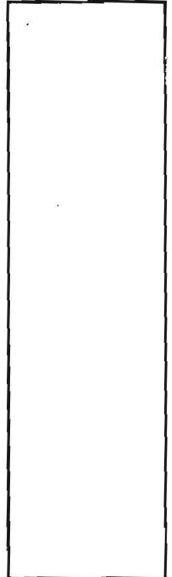
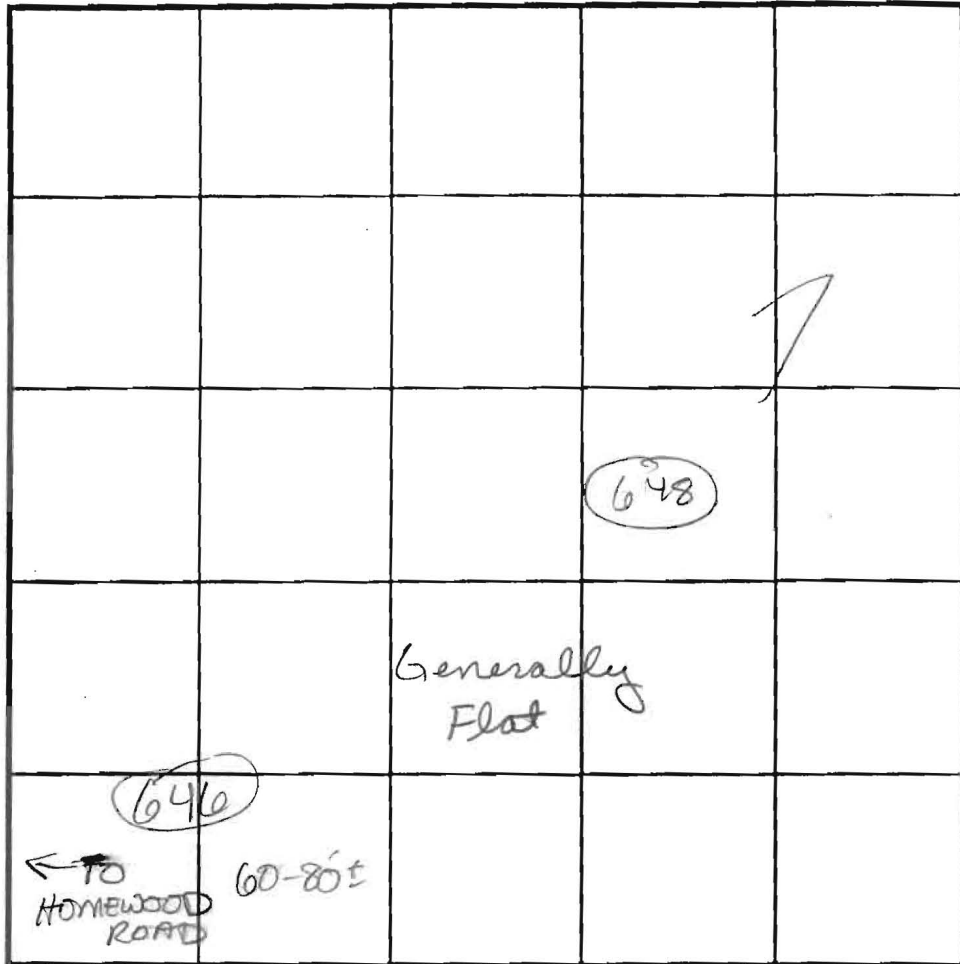
SOIL PROFILE

648

SOIL PROFILE

0'

RESTEVED ONLY DUG TO 9' No Visual Looking for highest perc point



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|--------|----------|---------|---------|--------|----------------|----------|--------|
| | | | START | STOP | START | STOP | |
| 9-4-02 | 648 | 6'1/2'S | 3:19:20 | 3:37 | 3:37 | 4:05 | 26 min |
| | 646 | 6'1/2'S | 3:39:20 | 4:05 | 4:05 | TOO SLOW | |
| | | | AVOID | BY 25' | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS Area of deep clay dug per plan
 TYPE OF SOIL LOT 84
 TESTED BY Kaci ALSO PRESENT Chuck Cross
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____