

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 523/33

AGENCY REVIEW: _____

DATE 8/15/05

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH unknown PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Jay Carroll

DAYTIME PHONE 410-283-6240 CELL _____ FAX _____

MAILING ADDRESS 3841 Manor Lane Ellicott City MD 21042
STREET CITY/TOWN STATE ZIP

APPLICANT Same

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Carroll/Ziegler Parcel Phase 2 LOT NO. 2

PROPERTY ADDRESS Manor Lane Ellicott City
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 23 GRID 17 PARCEL(S) 130 PROPOSED LOT SIZE 1 Ac

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

[Signature]
SIGNATURE OF APPLICANT

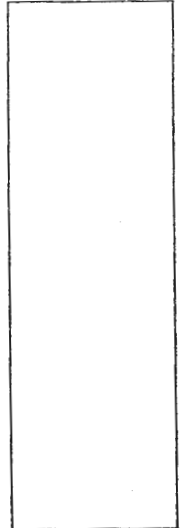
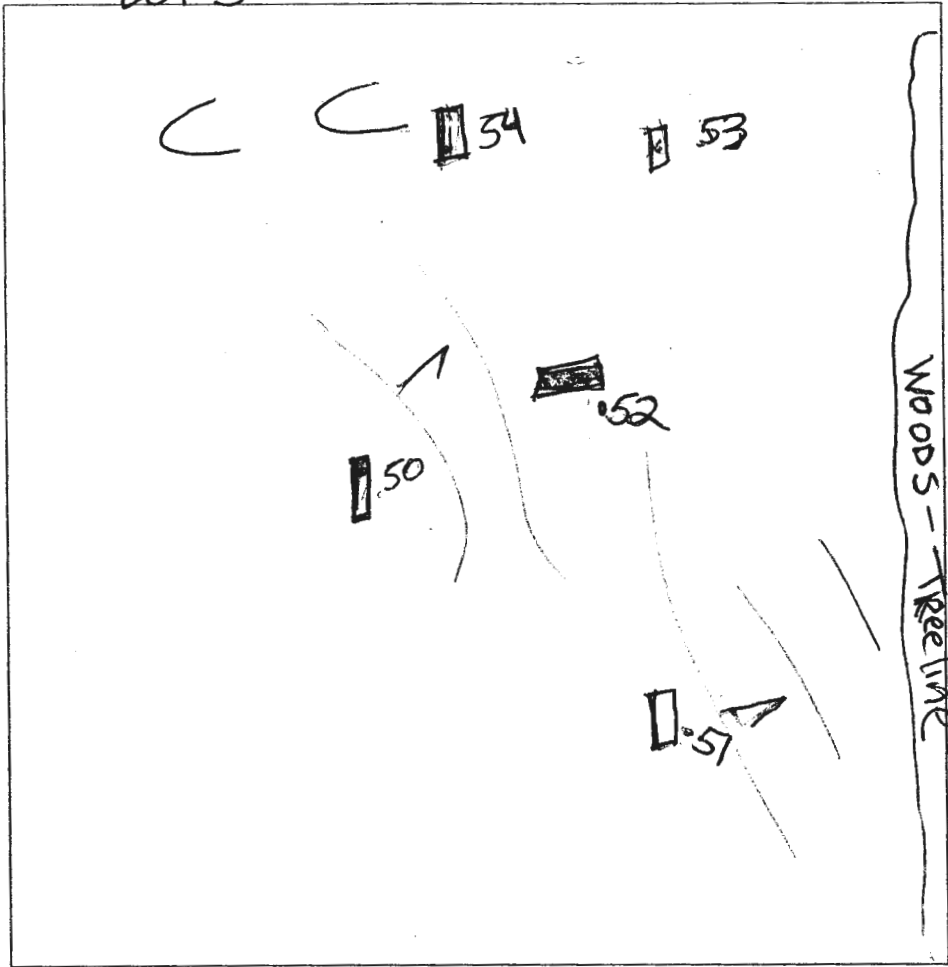
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

Lot 3

A/P (51)
 brown l
 1 4-b-orange micaceous sct 2
 3 white sand vein
 7 platy w-bk compact s1
 8 micaceous
 10 10% cobbles + frags of gneiss s1
 10 Refusal 10

50
 brown till 11
 2 ob-ob s1 2
 5 4-b micaceous compact s1 5
 7 4-b micaceous 7
 10 bands of white cemented coarse s1 10
 12 slight signs of mottles 12

52
 brown l 1
 2 o-b heavy l 2
 5 4-b s1 slightly micaceous 5
 8 quartz sand vein b 1/2
 12 4-b s1 micaceous 12
 15 quartz sand vein a 1/2
 12 4-b s1 12
 15 5-10% cherty frags 12



53
 brown l
 heavy o-b loam 2 1/2
 micaceous w/ll compact sct to s1
 7 1/2 white quartz vein 4-b s1
 10-15% cherty frags coarse s1

54
 brown l
 o-b heavy loam
 2 o-b s1 massive + compact
 5 4-b s1
 8 d1-d2 mottles (mass) white s1
 12

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
9/6/05	51	3 / 10	9:40	9:45	9:50	5	P
	50	3 / 12	9:42	9:43	9:45	2	P
	52	4 / 12	9:42	9:43	9:46	3	P
	53	5 / 12	10:00		slow	-	F
	54	4 / 12	9:55		slow	-	F

REMARKS _____
 SANITARIAN PAY BACKHOE Mike Johnson OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 3 SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



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PROPERTY OWNER(S) Jan Carroll

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APPLICANT Same

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APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Carroll/Egler LOT NO. 5

PROPERTY ADDRESS Manor Lane Ellicott City
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 23 GRID 17 PARCEL(S) 130 PROPOSED LOT SIZE 1Ac

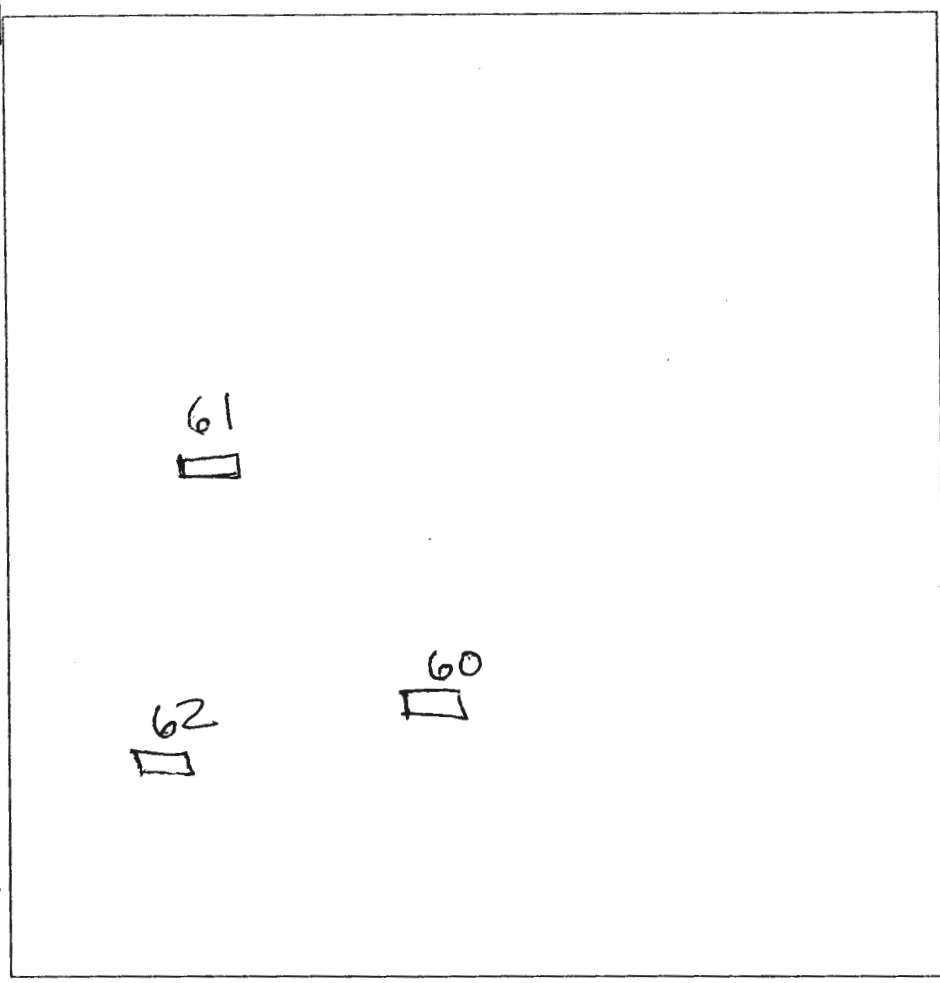
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TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

Lot 1



60
brown L 1
o-b scl 3 1/2
o-b
y-
SI
w/o
cherty
frags
d-1
mottles
o-b
SI/ls 9
12

62
brown L 1
o-b
scl 4
o-b-y
scl /
SI
massive
&
compact
10- d-1 moist
white
15

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
	60	5 / 12	11:24	11:28	11:32	4	P
	61	4 1/2 / 12	11:28	11:35	11:41	6	P
	62	5 / 13	11:30	11:40	11:50	10	P

61
brown L 1
10%
cherty
fragst
100% cobbles
scl 3
o-b
rocky
scl /
SI
SI y-b 8
10- d-1
mottles
12

REMARKS 61 No deeper than 5.5 - effective @ 4'

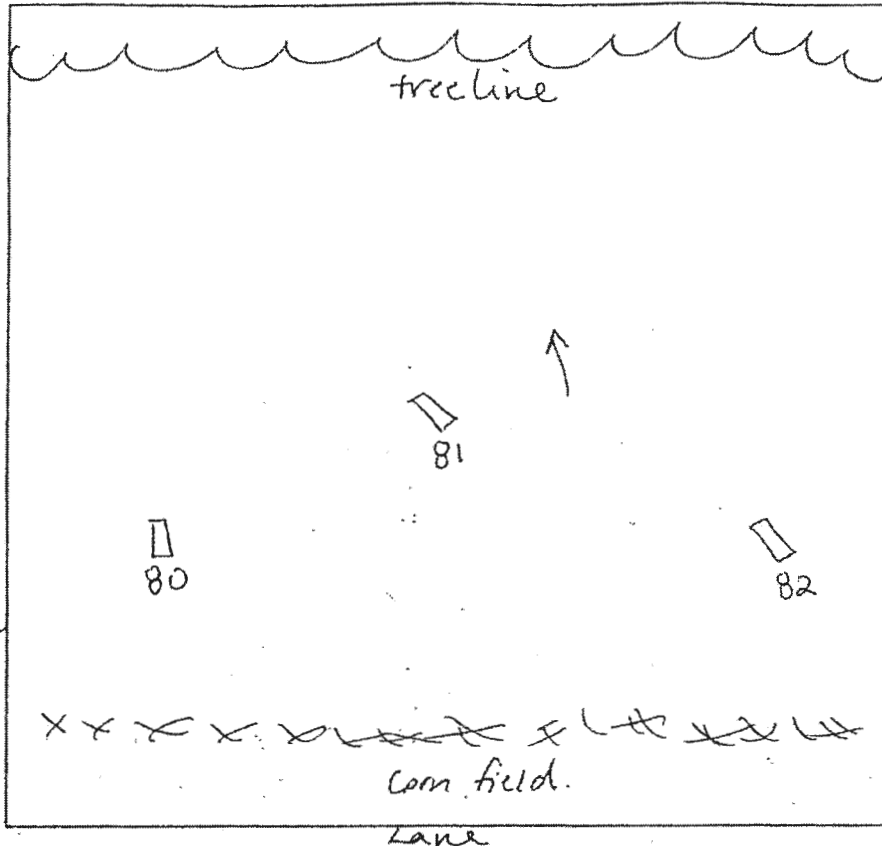
SANITARIAN PAY BACKHOE _____ OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME 7 SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Lot 2

A.P.



82
 1' brown L
 yellow brown
 sil
 35' gravel
 cw sbk/bk
 orange brown
 sil m
 micaceous
 5' yellow brown
 sil sg
 7' micaceous
 sand
 12'

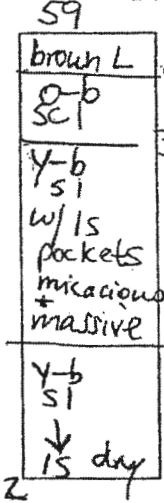
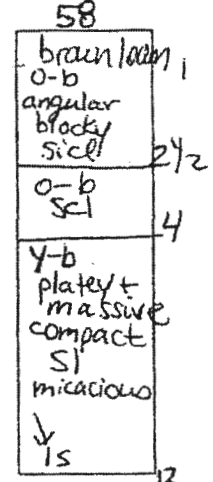
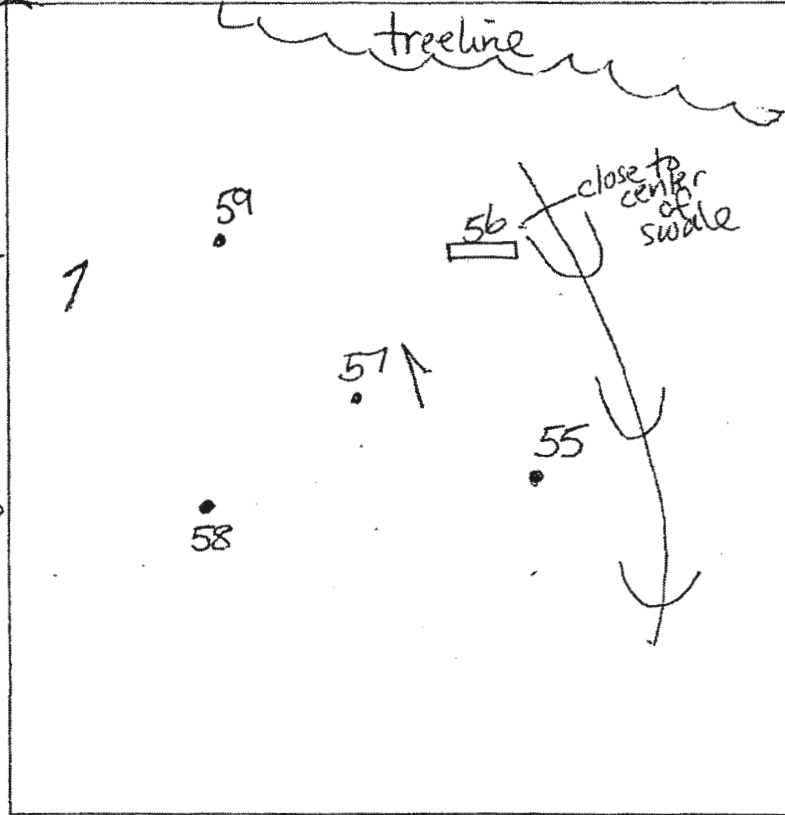
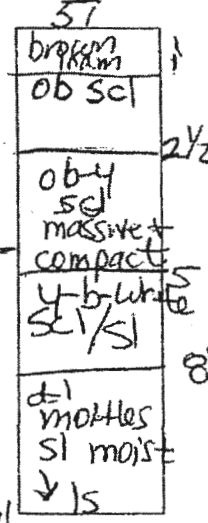
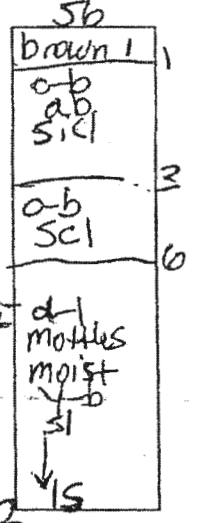
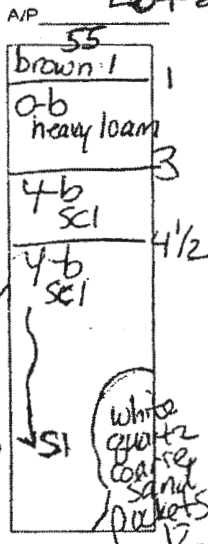
81
 1' brown L
 orange red
 brown
 sil
 cw sbk
 micaceous
 55' yellow brown
 d sil
 sg
 micaceous
 6.5' yellow brown
 15 sg
 14'

80
 brown L
 orange brown
 sil
 cw sbk
 micaceous
 35' transition
 sil to sil
 s/s rock
 gravel
 4' yellow brown
 15 sg
 micaceous
 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
9/22/05	82	57" / 12'	8:58	9:01	9:07	6	P
	81	7' / 14'	9:06	9:44	9:58	14	P
	80	6' / 12'	9:17	9:22	9:32	10	P

REMARKS Hole # 81 - effective area starts at 6.5'
 SANITARIAN SF BACKHOE Mike Johnson (AEC) OTHERS Ian Carroll
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 10 SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

Lot 2

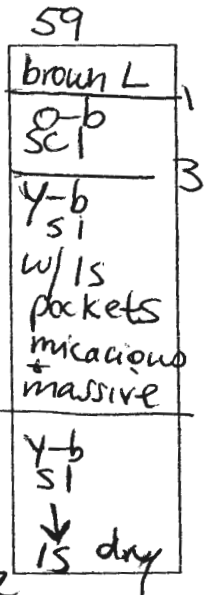
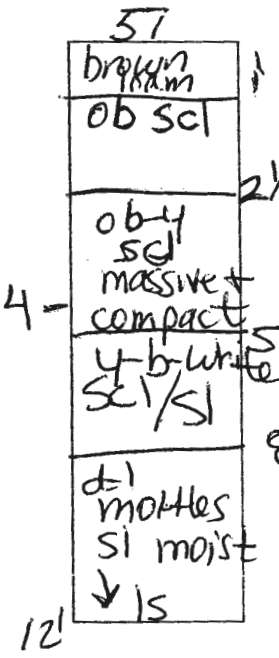
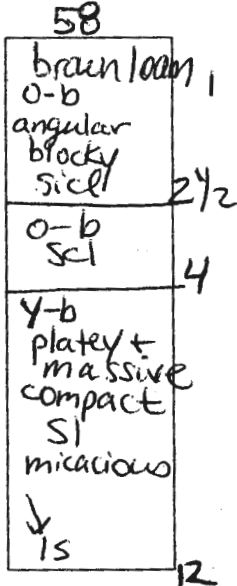
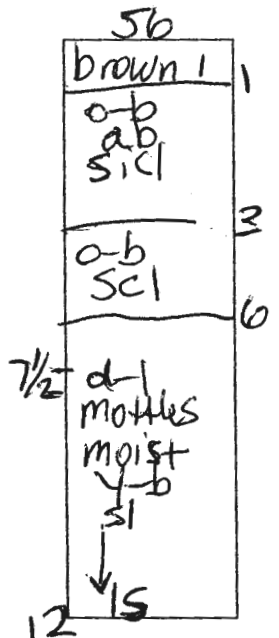
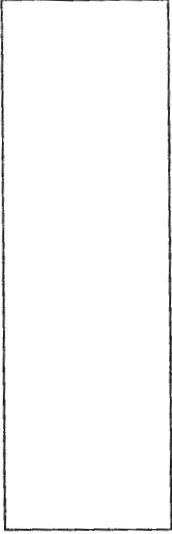
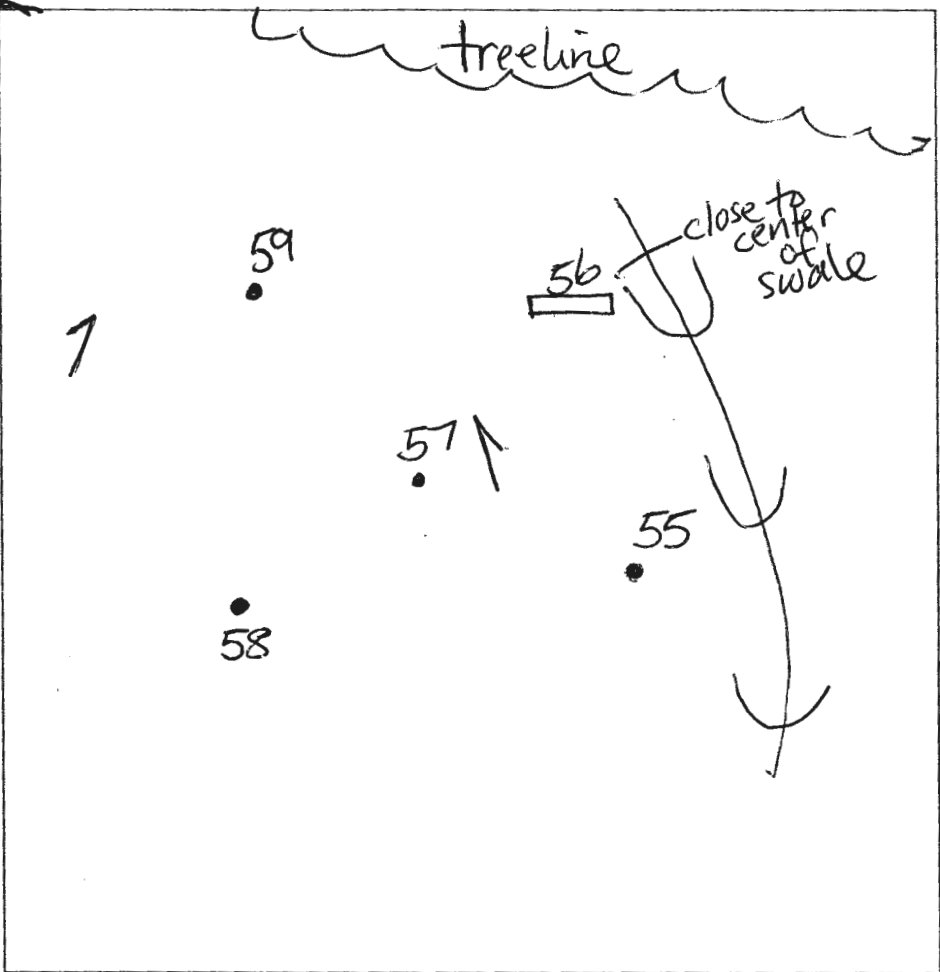
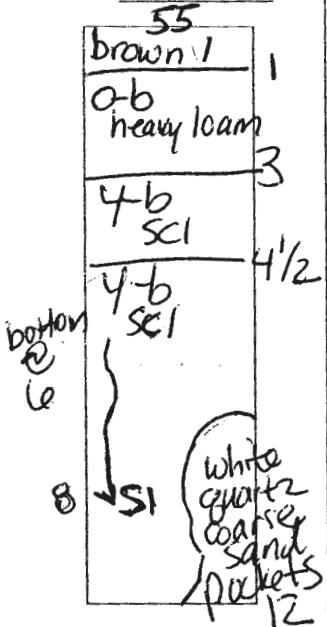


DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	PIF/H
9/6/05	55	5/3	10:31	10:35	10:41	6	P
	56	4/12	10:17	slow			F
	57	4 1/2/12	10:47	slow			F
	58	5/12	10:55	11:02	11:09	7	P
	59	5/12	10:20	10:23	10:27	4	P

REMARKS *56 no 4' buffer
 SANITARIAN PAY BACKHOE Mike Johnson OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 6 SQ. FT/HR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Lot 2

AP



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9/6/05	55	5/13	10:31	10:35	10:41	6	P
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	59	5/12	10:20	10:23	10:27	4	P

REMARKS *56-no 4' buffer
 SANITARIAN PAY BACKHOE Mike Johnson OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 6 SQ. FT/BR _____
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IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

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APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Carroll/Ziegler Parcel Phase 2 LOT NO. 3

PROPERTY ADDRESS Manor Lane Ellicott City
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 23 GRID 17 PARCEL(S) 130 PROPOSED LOT SIZE 1 Ac

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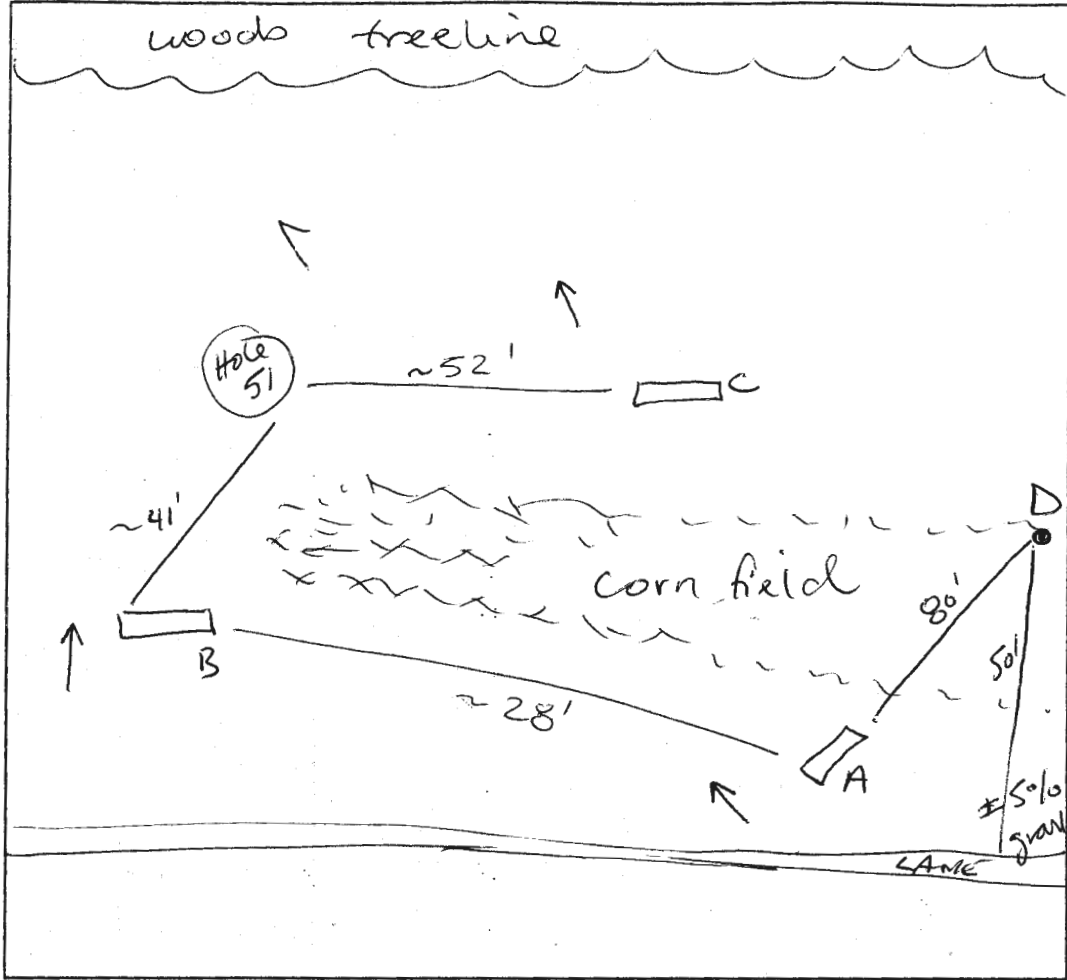
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Lot 3 - extra holes

A/P



B
 brown L sg/cw sbk
 2' 3"
 brown sl sg/cw sbk micaceous
 4'
 brown/white coarse ls sg micaceous
 12'

C
 brown L cw sbk
 3'
 brown sl sg 5% gravel/cobbles micaceous
 7'
 yellow brown ls sg 2.5% cobbles stony
 12'

A
 brown L cw sbk
 brown sl sg/cw sbk micaceous
 brown ls sg w/white patches micaceous
 12'

D
 brown L
 brown hl-sil cw sbk transition
 brown d sl sg 2.5% gravel micaceous
 4'
 yellow brown sl/ls → s micaceous
 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
9/13/05	B	5' 12'	2:03 ²⁸	2:05 ⁰⁵	2:09	4	P
	C	6' 12'	2:37 ²⁸ 2:39 ⁴⁹	2:37 ⁵¹ 2:40 ⁵⁷	2:38 2:42 ⁵⁸	2	P
	A	5' 12'	2:34	2:35 ⁴⁶	2:38 ⁰⁹	3	P
9/22/05	D	5' 12'	10:22	10:30	10:44	14	P

REMARKS Holes field located = Effective area can start around 3 feet
 SANITARIAN SF BACKHOE Mike J (AEC) OTHERS John Ziegler
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 60 SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

