



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

ADP 546326M
DATE 4-23-14

AGENCY REVIEW: _____

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) MARJORIE & STEPHEN CRAWFORD

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 19612 ISLANDER ST. OLNEY MD 20832-1021

STREET CITY/TOWN STATE ZIP

APPLICANT ELM STREET DEVELOPMENT

DAYTIME PHONE 410-720-3021 CELL _____ FAX _____

MAILING ADDRESS 5074 DORSEY HALL ROAD, STE 205 COLUMBIA MD 21042

STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Crawford Property LOT NO. 14

PROPERTY ADDRESS 6780 HAVILAND MILL ROAD CLARKSVILLE

STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 0034 GRID 0019 PARCEL(S) 0052 PROPOSED LOT SIZE 50,000 sq.ft.

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 OF APPLICANT
Jason Van Kirk

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

Large empty rectangular box for notes or drawings.

Vertical rectangular box on the left side.

Vertical rectangular box on the right side.

Vertical rectangular box on the left side.

Vertical rectangular box on the right side.

Vertical rectangular box on the left side.

Vertical rectangular box on the right side.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

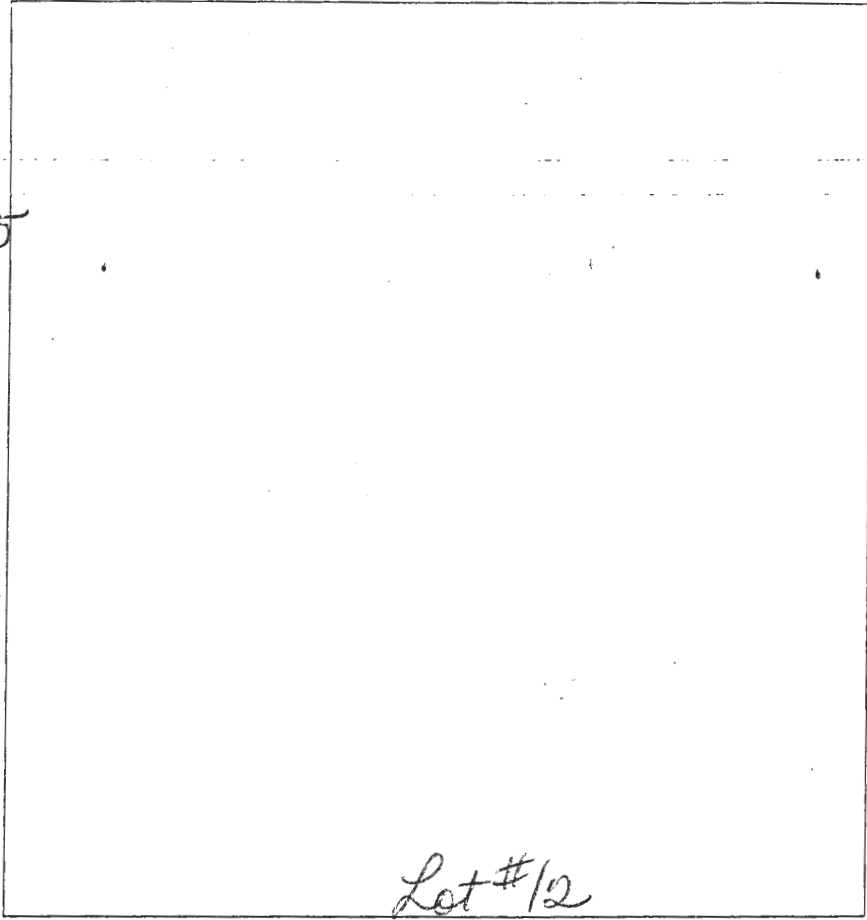
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

A/P

49
 Red Brown
 Sh.
 Many mica 3.5
 Red Brown
 yellow
 FSL
 20-30%
 Shale
 @ 7'
 ↓ 14'

#46
 Red Brown
 yellow
 Sh 4'
 Sh
 30-40%
 Shale
 Refusal
 @ 6'
 6'

#45
 Red Brown
 Sh
 Red Brown
 yellow
 Sh
 20-30%
 Shale
 @
 ↓ 14'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6-24-14	49	4.5/14	3:03	3:04	3:05	1 min	
		Repair	3:05	3:06	3:07	1 min	F
		46 @ 6'	Refusal @ 6' → F				
6-24-14	45	4.4/14.5	3:13	3:15	3:17	2 min	P

REMARKS _____

SANITARIAN Downard BACKHOE _____ OTHERS _____

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

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

HOWARD COUNTY PERC TEST REPORT

A/P# _____

Lot # _____

Hole # 94

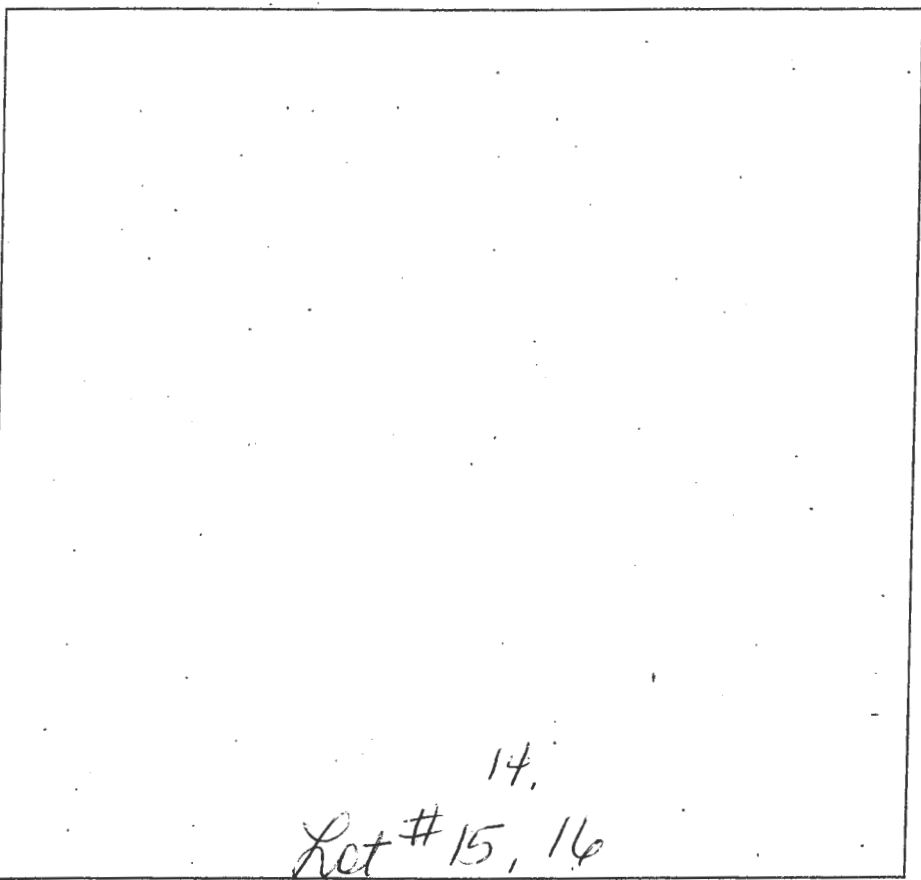
Red Brown
yellow
SCL 3'
Red Brown
yellow
FSL
many
mic 5-10%
R4 13'

Hole # 92

Red Brown
yellow
SCL 4.5'
Red Brown
yellow
Sh
5-10%
R4
many
mic 14.5'

Hole # 90

Red Brown
yellow
SCL 3'
Red Brown
many
mic
FSL
Shale
@ 9'
↓ 14'



Hole # 91

Red Brown
yellow
SCL 4.5'
Red Brown
yellow
Shale
@ 6'
many
mic
FSL
↓ 13'

Hole # 89

Red Brown
yellow
SCL 4'
Red Brown
yellow
FSL
many
mic
10-20%
R4 @ 10'
↓ 14.5'

Hole # 88

Red Brown
yellow
SCL 3'
Red Brown
yellow
FSL
10-20%
Shale
@ 7'
↓ 13.5'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-3-15	94	4/13	11:47	11:50	11:53	3min	P
2-3-15	92	5.5/14.5	11:56	11:58	12:03	5min	P
2-3-15	90	4.5/14	12:05	12:07	12:09	2min	P
2-3-15	91	5/13	12:14	12:17	12:20	3min	P
2-3-15	89	5/14.5	12:18	12:19	12:20		
2-3-15	88	5.5/13.5	12:23	12:24	12:25		
			Repair	12:26	12:27	12:30	P
			Repair	12:31	12:35	12:38	3min P

REMARKS _____

SANITARIAN Beenard BACKHOE Hitchhicks

OTHERS _____ SQ. FT/BR _____

TEST HOLES USED IN SDA _____ AVG PERC TIME _____

TRENCH WIDTH _____ INLET DEPTH _____

MAX BOT DEPTH _____ EFFECTIVE SDW _____

A/P

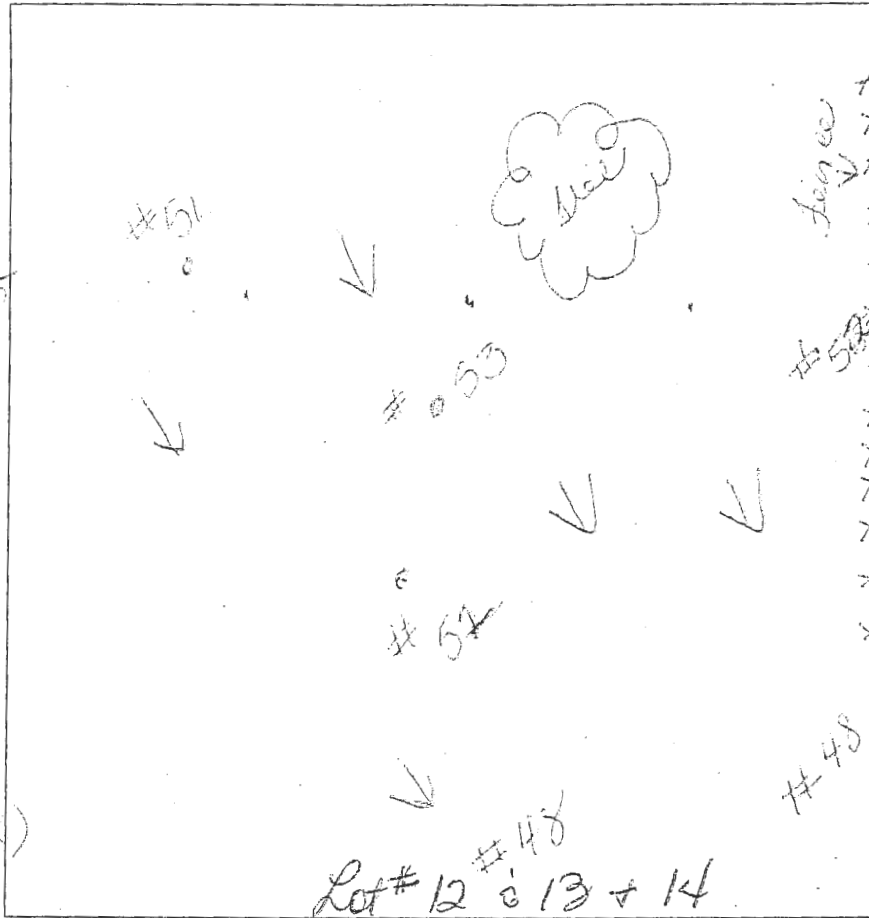
#47
Red Brown
SCL
3.5'

#48
Red Brown
SCL (Dense)
(Compact)
↓

6.5'
Red Brown
yellow
Sh
shale @ 10'

#50
Red Brown
yellow
SCL (Dense)
5'

Red Brown
yellow
FSL
10-20%
Shale @ 9'
↓



#52
Red Brown
SCL
Red Brown
yellow
Sh
FSL
10-20%
Shale @ 10'

#53
Red Brown
yellow
SCL
5'
Red Brown
yellow
Sh
Shale @ 6'
↓

Return #51
Red Brown
yellow
SCL (Dense)
3.0'
Red Brown
yellow
Return FSL
10-20%
Shale
↓

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6-26-14	47	4 1/4	10:27	10:37	10:57	2 min	P
6-26-14	48	9 1/4	2:05	2:14	2:28	1 min	P
	7	Repair	2:12	2:14	2:16	2 min	P
6-26-14	50	15	2:19	2:10	2:11	1 min	P
6-26-14	51	4.5/14	11:07	11:09	11:13	4 min	P
6-26-14	52	4.5/13.5	11:06	11:03	11:05	2 min	P
6-26-14	53	10 1/4/15	11:12:19	2:21	2:22		
	8	Repair	2:22	2:24	2:26	2 min	P

REMARKS

SANITARIAN Burnwood BACKHOE Domino OTHERS Pedco

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

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

135

A/P _____

#47

Red Brown
SCL

3.5'

Red Brown
yellow
Sh

many
mix a
shale
@ 11

#48 14'

Red Brown
SCL (Dense)
(Compact)

↓

6.5'

Red Brown
yellow
Sh
shale

#50

Red Brown
yellow
SCL (Dense)

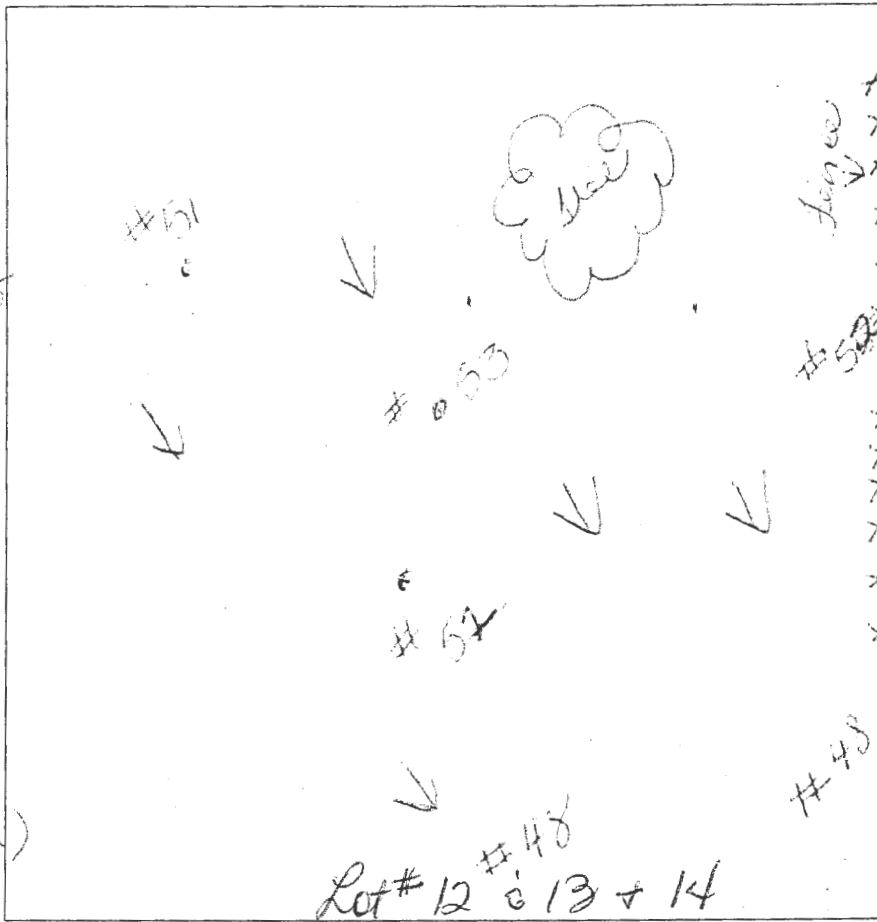
5'

Red Brown
yellow

FSL
10-20%
Shale
@ 9

↓

13.5'



#52
Red Brown
SCL
Red Brown
yellow
Sh
FSL
10-20%
Shale
@ 10

#53
Red Brown
yellow
Sh
Red Brown
yellow
FSL
Shale
@ 6

Return #51
Red Brown
yellow
SCL (Dense)
Red Brown
yellow
FSL
10-20%
Shale
@ 9

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H	
6-26-14	47	4/14	10:29	10:37	10:57	2 min	P	
6-26-14	48	7/14	10:05	2:14	2:28	1 min	P	
6-26-14	49	7/14	2:12	2:14	2:16	2 min	P	
6-26-14	50	7.5/15	2:10	2:10	2:11	1 min	P	
6-26-14	51	4.5/14	11:07	11:09	11:13	4 min	P	
6-26-14	52	4.5/13.5	11:00	11:03	11:05	2 min	P	
6-26-14	53	17/15	11:12:19	2:21	2:29			
			Repair	2:22	2:24	2:26	2 min	P

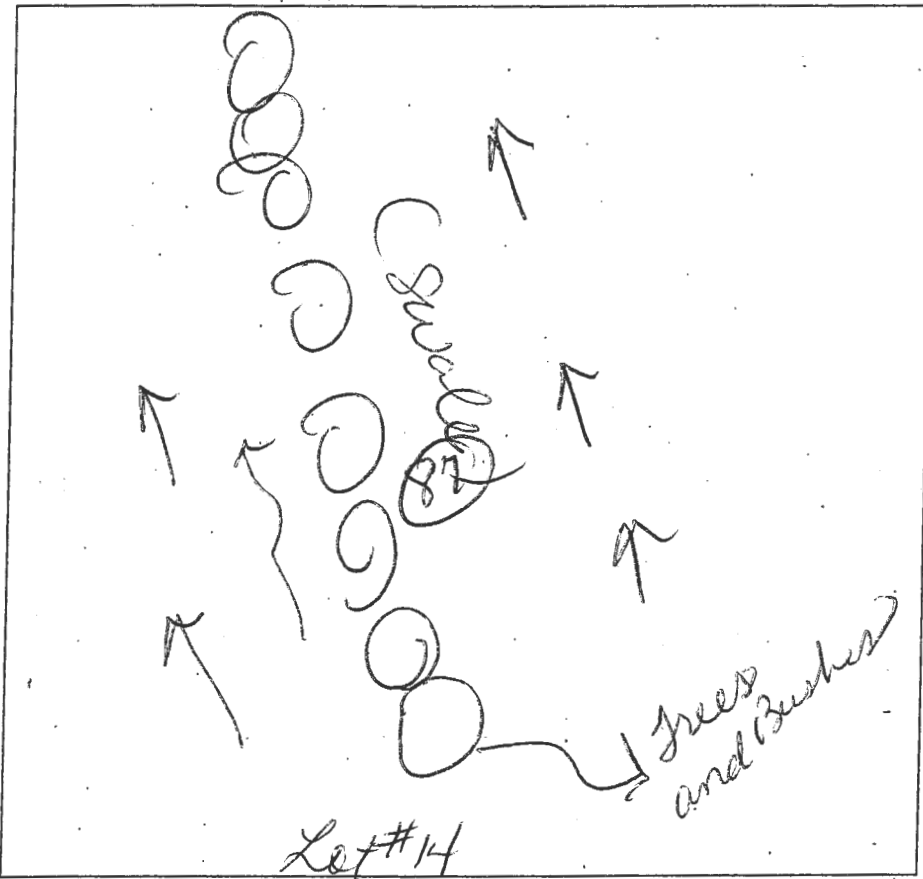
REMARKS _____
 SANITARIAN Bernard BACKHOE Dennis OTHERS Pat
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

HOWARD COUNTY PERC TEST REPORT

A/P# _____

Lot # _____

Hole # 87
 Red Brown
 yellow
 SL
 3'
 Red Brown
 yellow
 FSL
 Shale
 10-30%
 ↓



Hole # 84
 Red Brown
 yellow
 SL
 3'
 Red Brown
 yellow
 grey
 SL
 20-30%
 P
 ↓
 14'

Hole # 85
 Red Brown
 yellow
 SL
 4'
 Red Brown
 yellow
 grey
 SL
 Shale
 10-30%
 ↓
 14'

Hole # 82
 Red Brown
 yellow
 SL
 Dense
 5.5'
 Red Brown
 yellow
 SL
 many
 mud
 20-30%
 shale
 ↓
 14'

Hole # 86
 Red Brown
 yellow
 SL
 4'
 Red Brown
 yellow
 grey
 SL
 shale
 10-30%
 ↓
 13'

Hole # 83
 Red Brown
 yellow
 SL
 4.5'
 Red Brown
 yellow
 FSL
 10-30%
 shale
 ↓
 15'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-3-15	87	4/11	2:03	2:04	2:14	3min	P
2-3-15	85	5/14	2:03	2:10	2:12	3min	P
2-3-15	86	5/13	2:14	2:15	2:17	3min	P
2-3-15	84	4.54	2:20	2:22	2:27	5min	P
2-3-15	82	6.54	2:29	2:31	2:32	3min	P
2-3-15	83	5.5/15	2:34	2:36	2:38	3min	P

REMARKS _____

SANITARIAN Beenan BACKHOE Hotfields

OTHERS _____ SQ. FT/BR _____

TEST HOLES USED IN SDA _____ AVG PERC TIME _____

TRENCH WIDTH _____ INLET DEPTH _____

MAX BOT DEPTH _____ EFFECTIVE SDW _____