



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 12/20/05
DATE 12/20/05

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 _____ 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) Quartz Hill, LLC - John Congedo

DAYTIME PHONE (410) 880-3006 CELL (443) 463-2717 FAX (301) 604-3143

MAILING ADDRESS 885 Rt 97 (Hoods Mill Rd.) Cooksville MD 21723
STREET CITY/TOWN STATE ZIP

APPLICANT Quartz Hill, Section 2

DAYTIME PHONE (410) 880-3006 CELL (443) 463-2717 FAX (301) 604-3143

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Northwest corner of Rt 97 & Rt 99 LOT NO. 26

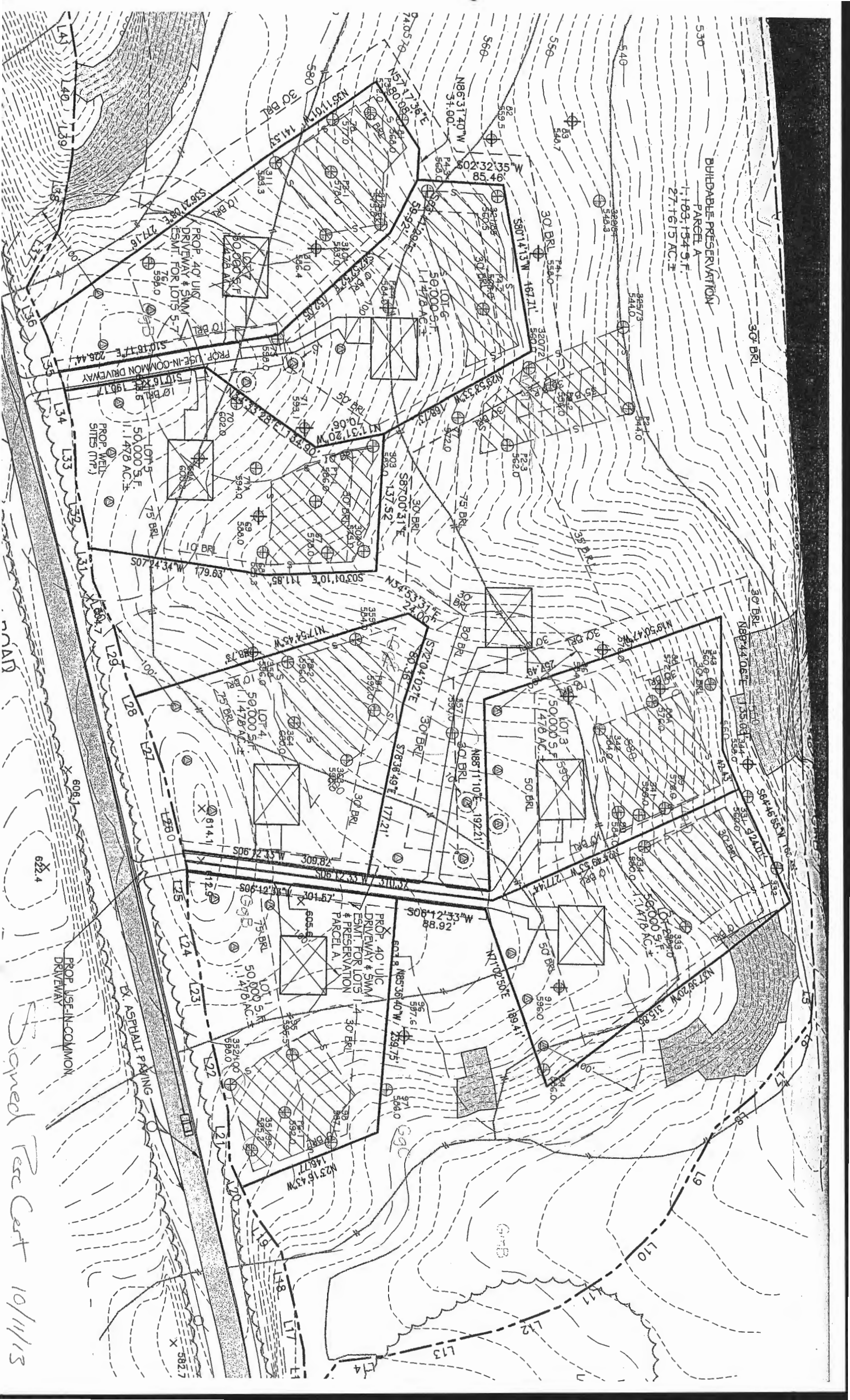
PROPERTY ADDRESS Behind Parcel 33, 2 of 4
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 8 GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

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.

John Congedo
SIGNATURE OF APPLICANT



BUIDABLE PRESERVATION
PARCEL A
1-183,154 S.F.
27-1615 AC.±

PROP. 40' UIC
DRIVEWAY & 5' UIC
ESM. FOR LOTS 5-7
50,000 S.F.
11,478 AC.±

PROP. USE-IN-COMMON
DRIVEWAY
50,000 S.F.
11,478 AC.±

PROP. 40' UIC
DRIVEWAY & 5' UIC
ESM. FOR LOTS
& PRESERVATION
PARCEL A
50,000 S.F.
11,478 AC.±

ASPHALT PAVING
PROP. USE-IN-COMMON
DRIVEWAY
Signed Rec Cert 10/11/13

514205

COUNTY #

SOIL PROFILE

334

Red Brown Clay Loam

2.5'

Light Or Brown Si Sa Loam

~10% Rock

12'

333

Red Brown Clay Loam

4.0'

Light Red Brown Si Sa Loam

~15% Rock

11.5'

332

Red Brown Clay Loam

4.5-5.0'

Red Brown Sa Cl Loam

~25% Rock

11.5'

SOIL PROFILE

335

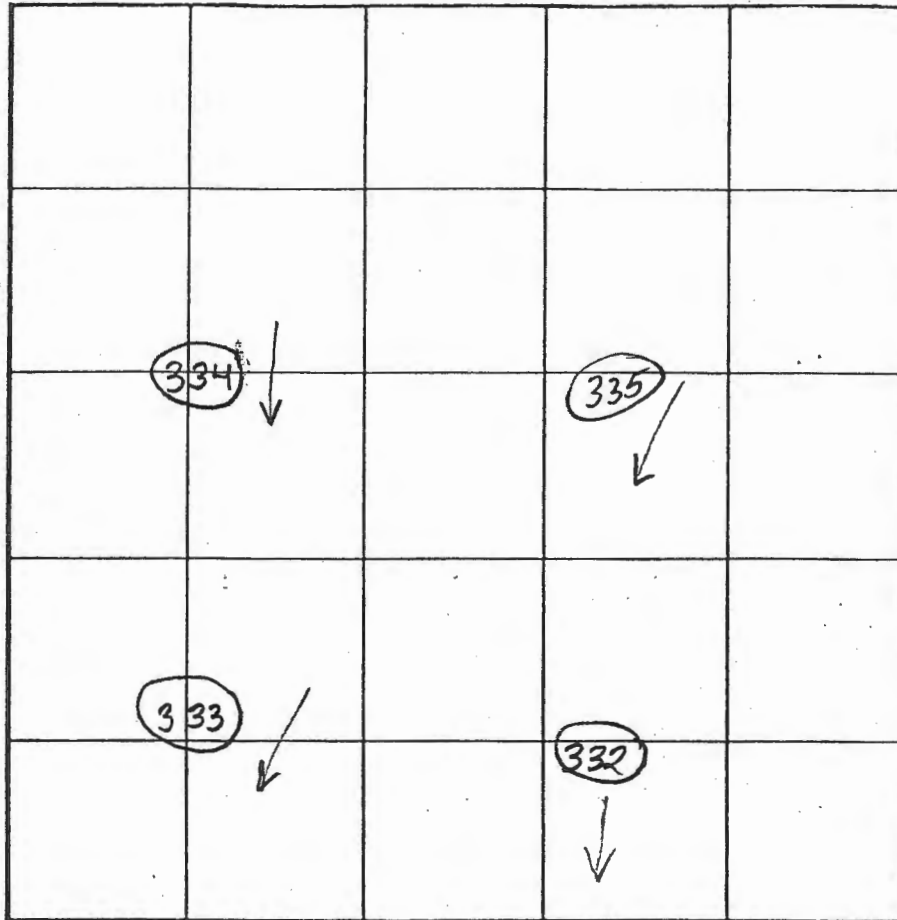
Red Brown Cl Loam

4.0'

Red Br sa Si Loam

~15% Rock

11.0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 97

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|----------|----------|-------------|---------|---------------|----------------|-------|------|
| | | | START | STOP | START | STOP | |
| 11/13/06 | 334 | 4'/12'v | 11:10 | 11:18 | 11:18 | 11:27 | 9 |
| | 333 | 4.5'/11.5'v | 11:19 | 11:24 | 11:24 | 11:33 | 9 |
| | 332 | 5.0'/11.5'v | 11:30 | Pulled - Slow | | | |
| | 332 | 5.5' | 11:56 | 12:10 | 12:10 | 12:36 | 26 |
| | 335 | 5.0'/11.0'v | 12:00 | 12:04 | 12:04 | 12:09 | 5 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS _____

TYPE OF SOIL _____

TESTED BY B. Baker ALSO PRESENT Mike Johnson,

TRENCH DESIGN DATA AVERAGE PERCOLATION TIME _____ TRENCH WIDTH John Congedc

INLET DEPTH _____

MAXIMUM BOTTOM DEPTH _____

SQ FT/BEDROOM _____

Proposed Lot 7

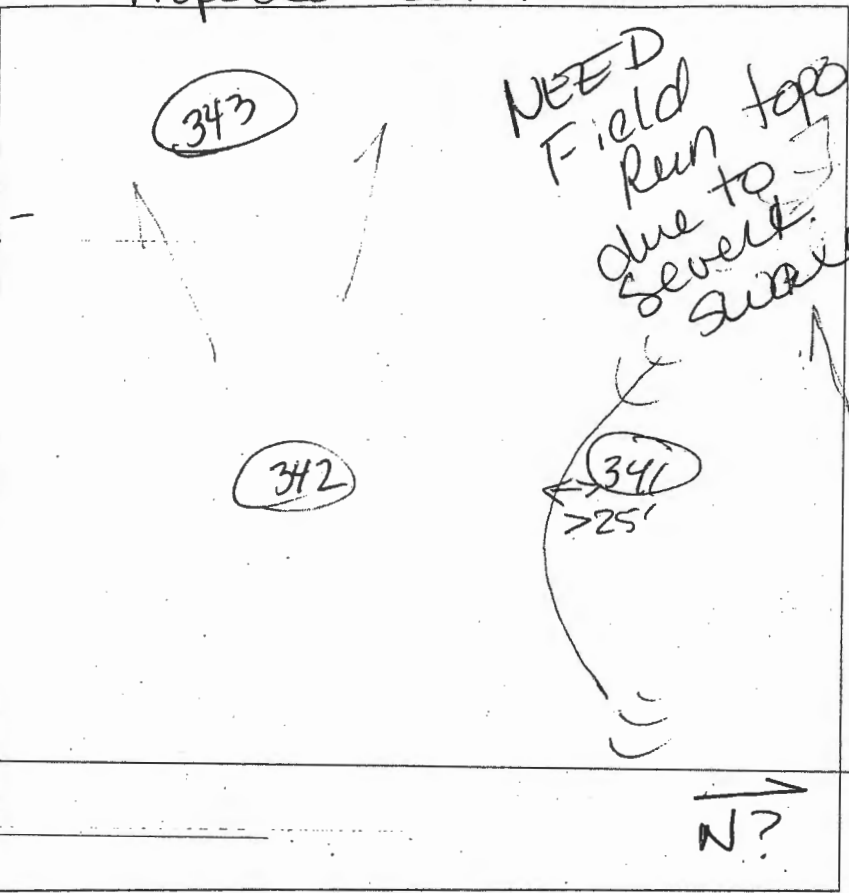
A/P 523834

331

(342)
 Str red brn
 hvyl-cl
 3 1/2' -
 5'
 ABE upr
 Δ
 White
 Lt brn
 LS
 Med gr
 wk saprolite
 compact
 ↓
 BOTTOM 12'

(341)
 Str ong.
 brn
 L
 3 sbk
 Sm pebb
 4'
 Lt brn
 LS
 Rc < 10%
 ↓
 BOTTOM 12'

(343)
 Hy Brn
 L
 2'
 Lt brn
 Med gr
 SAND
 lg frags
 of flagstone
 9' Refusal



5'
 12'
 Brn
 hvyl L
 1 1/2 brn SL
 west
 wall
 BOULDER
 @ Grade
 to 6'
 deep
 Bottom

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H | |
|---------|----------------|--------|-----------------------|------------------|-----------------|---------------------|----------|--|
| 4-18-06 | 342 | | | | | | | |
| | 342 | 5' | 12:06 | 12:08 | 12:12 | 4 | P | |
| | 341 | 5' | 12:14 | 12:16 | 12:18 | 2 | P | |
| | 343 | 9' | 5 gallons into bottom | | | | 7 min | |
| | | | 1:38 | - 1:45 | | | Marginal | |
| | 331 | 5 1/2' | 1:47 | 1:49 | 1:53 | 4 | P | |
| | 341 | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

REMARKS _____
 SANITARIAN Race BACKHOE Hot fields OTHERS Angedo
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

AP 94
 w/ pocket
 SWEST
 wall
 org
 nuyl -
 CL
 brn
 Lt
 brn
 SL
 pockets
 SCL
 Rock
 @ 10' & 20'
 N. Bottom 11'

^
 N

92
 NOT DUG

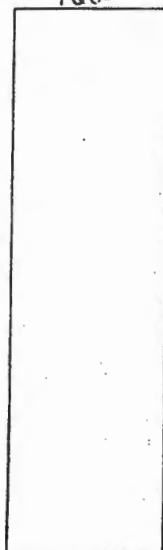
93
 Rx ledge
 hand suprolite

NOT DUG
 91



94
 Floor
 hole
 clayish
 sub
 SW side

96a



93

str red
 brn
 CL
 5' ?
 red brn
 nuyl
 Brn. H. brn.
 @ 7'
 Loam
 pockets
 of SL
 str org.
 suprolite
 lens of w.
 void 35%
 13' Bottom

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2nd INCH | P/F/H |
|-----------------|--------|-------------------------------|-------|------------------|-----------------|---------------------|-------|
| 2/22/06 | 94 | 4 1/2' TR zone | 10:24 | 10:27 | 10:32 | 5 | P |
| | 91 | 2-5' Refusal | | | | | I= |
| | 92 | NOT DUG DUE TO FEASIBILITY | | | | | |
| NOT PER PLAN | 96a | Refusal @ 7' Rx @ 4' | | | | | F |
| | 93 | | | | | | |
| | | LET G | | | | | |

REMARKS Holes dug per stake
 SANITARIAN Karen Thomas BACKHOE Hatfields OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

AP

89
Strong
Loam,
high L
pebbles
& SL

Strong
Loam
(w.c.s.g.)
pebbles

Bottom

90

Brn
CL

lt brn
w/ Korg
Stony
Rocks

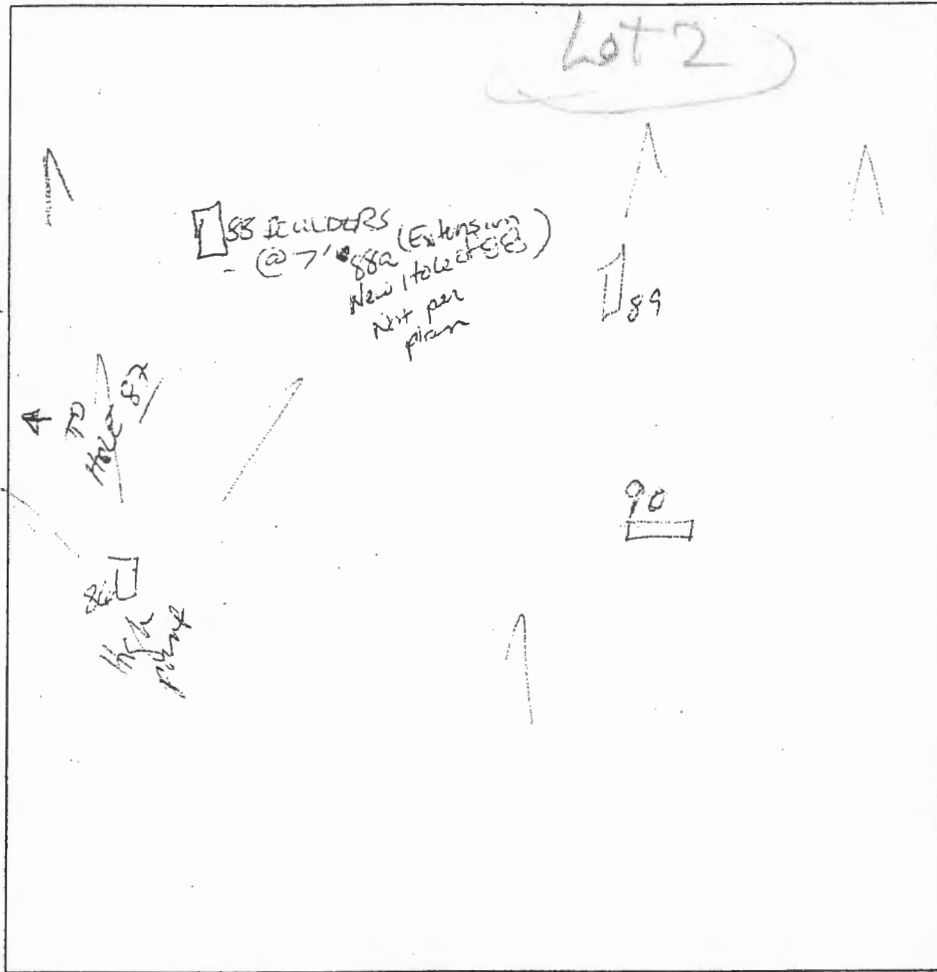
14' 136 ftom

88a
lry brn
med cgt
SAND

West
wall

lt
brn
ybrn
stony
pebbles
& SL

Bottom
10'



| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2nd INCH | P/F/H |
|---------|-----------|---|-------|---------------|--------------|------------------|-------|
| 2/22/06 | <u>89</u> | <u>4'</u> | 12:47 | 12:48 | 12:51 | 3+ | P |
| | <u>90</u> | SEE Note for <u>89</u> | | | | 3+ | P |
| | 88 | EXCESSIVE ROCK begins @ 7' (AN West wall) | | | | | F |
| | 86 | FAILS EXCESSIVE ROCK | | | | | F |
| | 88a | 5 1/2' | 1:26 | 1:27 | 1:29 | 2min | M/MF |
| | 87 | SHALLOW STONE FRAGS TO 5' Refused | | | | | F |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

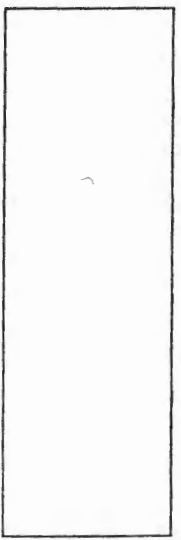
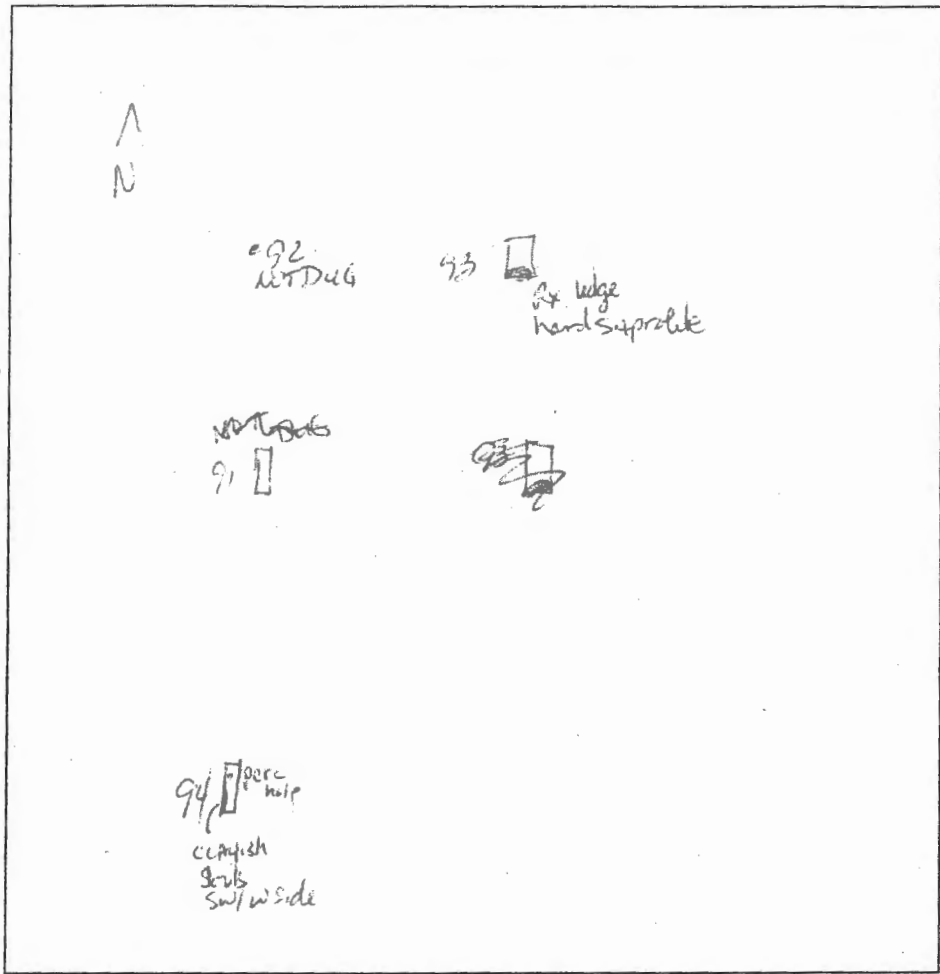
REMARKS _____

SANITARIAN Kane BACKHOE Hatfield OTHERS owner

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

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

AP 94
 brn
 Lt brn
 SL
 SW side
 wall
 orig
 nuyl
 CC
 pockets
 SCL
 Rock
 @ 10' ± 20%
 N. Bottom



96a

93
 str rd
 brn
 CC
 5'
 rd brn
 nuyl
 Brn. Lt brn
 @ 7'
 loam
 pockets
 of sil
 strong
 sample
 lens of w
 @ 35%
 13'

| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2nd INCH | P/F/H | |
|--------------|--------|----------------------------|-------------|------------------|-----------------|---------------------|-------|----|
| 2/22/06 | 94 | 4 1/2' Tx zone | 10:24 | 10:27 | 10:32 | 5 | P | |
| | 91 | 2-5' | Refusal | | | | | I= |
| | 92 | NOT DUG DUE TO FEASIBILITY | | | | | | |
| NOT PER PLAN | 96a | Refusal | @ 7' R @ 4' | | | | F | |
| | 93 | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

REMARKS Holes dug per notes
 SANITARIAN Kan. Hanna BACKHOE Hoffhelds OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____