

Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions:

Control Agency (MPCA) website at

Instructions for filling out this form are located on the Minnesota Pollution

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 3002821320009 Reason for Inspection Sale of property

Local regulatory authority info: Washington County

Property address: 4705 WILD CANYON DR, CITY OF WOODBURY

Owner/representative: Sandy McDonald Owner's phone: 612-803-5047

Brief system description: One septic tank gravity fed to drain field

System status

System status on date (mm/dd/yyyy): 10/13/2023

Compliant – Certificate of compliance*

(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)

***Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.**

Noncompliant – Notice of noncompliance

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance or under section 145A.04 subdivision 8.

Reason(s) for noncompliance (check all applicable)

- Impact on public health (Compliance component #1) – *Imminent threat to public health and safety*
- Tank integrity (Compliance component #2) – *Failing to protect groundwater*
- Other Compliance Conditions (Compliance component #3) – *Imminent threat to public health and safety*
- Other Compliance Conditions (Compliance component #3) – *Failing to protect groundwater*
- System not abandoned according to Minn. R. 7080.2500 (Compliance component #3) – *Failing to protect groundwater*
- Soil separation (Compliance component #5) – *Failing to protect groundwater*
- Operating permit/monitoring plan requirements (Compliance component #4) – *Noncompliant - local ordinance applies*


Comments or recommendations

Certification

I hereby certify that all the necessary information has been gathered to determine the compliance status of this system. No determination of future system performance has been nor can be made due to unknown conditions during system construction, possible abuse of the system, inadequate maintenance, or future water usage.

By typing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.

Business name: SS Septic Solutions, LLC Certification number: 9917

Inspector signature:  License number: 4137
(This document has been electronically signed) Phone: 651-343-9117

Necessary or locally required supporting documentation

- Soil observation logs
- System/As-Built
- Locally required forms
- Tank Integrity Assessment
- Operating Permit
- Other information (list):

1. Impact on public health – Compliance component #1 of 5

Compliance criteria:

System discharges sewage to the ground surface	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System discharges sewage to drain tile or surface waters.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System causes sewage backup into dwelling or establishment.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attached supporting documentation:

- Other: _____
- Not applicable

Describe verification methods and results:

2. Tank integrity – Compliance component #2 of 5

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, which sewage tank(s) leaks:	

Attached supporting documentation:

- Empty tank(s) viewed by inspector
 - Name of maintenance business: Meyers
 - License number of maintenance business: _____
 - Date of maintenance: 10/13/2023
- Existing tank integrity assessment (Attach)
 - Date of maintenance (mm/dd/yyyy): _____ (must be within three years)
 - (See form instructions to ensure assessment complies with Minn. R. 7082.0700 subp. 4 B (1))
- Tank is Noncompliant (pumping not necessary – explain below)
- Other: _____

Describe verification methods and results:

1000 gallon septic tank in good shape at time of inspection. New owners should keep all fats, oil, grease and flushable wipes out of the system. I suggest they get the tank maintained every two years since this is a 3 bedroom house.

3. Other compliance conditions – Compliance component #3 of 5

3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsecured?

Yes No Unknown

3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety? Yes No Unknown

3c. System is non-protective of ground water for other conditions as determined by inspector? Yes No

3d. System not abandoned in accordance with Minn. R. 7080.2500? Yes No

Describe verification methods and results:

Attached supporting documentation: Not applicable

4. Operating permit and nitrogen BMP* – Compliance component #4 of 5 Not applicable

Is the system operated under an Operating Permit? Yes No If "yes", A below is required

Is the system required to employ a Nitrogen BMP specified in the system design? Yes No If "yes", B below is required

BMP = Best Management Practice(s) specified in the system design

If the answer to both questions is "no", this section does not need to be completed.

Compliance criteria:

a. Have the operating permit requirements been met? Yes No

b. Is the required nitrogen BMP in place and properly functioning? Yes No

Describe verification methods and results:

Attached supporting documentation: Operating permit (Attach)

Property Address: 4705 WILD CANYON DR, CITY OF WOODBURY

Business Name: SS Septic Solutions, LLC.

Date: 10/13/2023

5. Soil separation – Compliance component #5 of 5

Date of installation 06/21/1984 Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? Yes No

Compliance criteria (select one):

5a. For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment: Yes No
Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.

5b. Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food, beverage, or lodging establishment: Yes No
Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*

5c. "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules 7080.2350 or 7080.2400 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day) Yes No
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.

Attached supporting documentation:

- Soil observation logs completed for the report
- Two previous verifications of required vertical separation
- Not applicable (No soil treatment area)
-

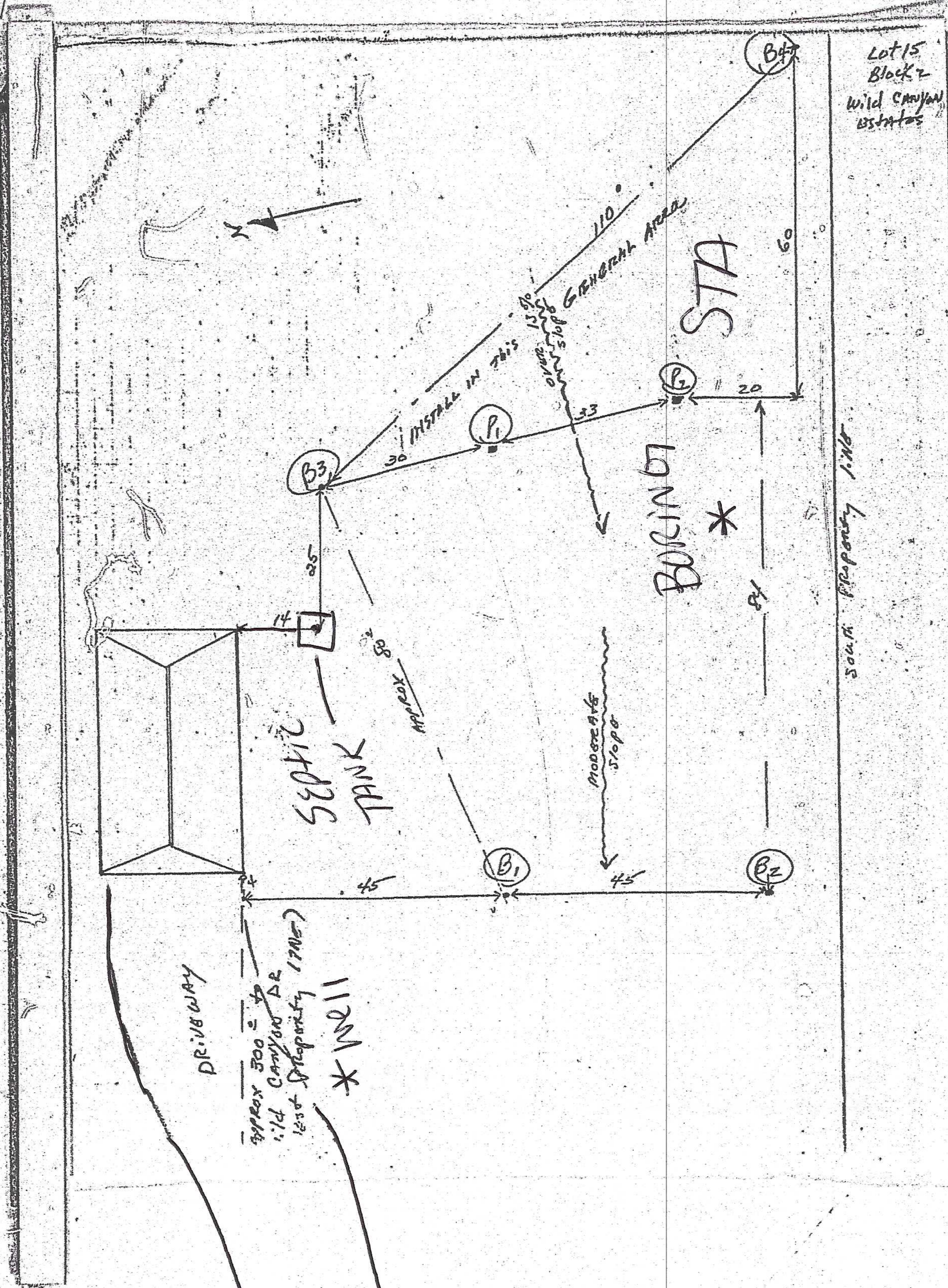
Indicate depths or elevations

A. Bottom of distribution media	2'
B. Periodically saturated soil/bedrock	5'
C. System separation	3'
D. Required compliance separation*	3'

*May be reduced up to 15 percent if allowed by Local Ordinance.

Describe verification methods and results:

Upgrade requirements: (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.



DRIVEWAY

APPROX 300' ± WILD CANYON DR (EAST PROPERTY LINE)

* WELL

SEPTIC TANK

BURLING *

STA

PROPERTY LINE

Lot 15 Block 2 Wild Canyon Estates



INSTALL IN THIS GENERAL AREA

MODERATE SLOPE

B3

P1

B2

B4

B1

B2

14

25

80

45

45

30 15 110 33 20 60

84

20

60

612/459-0766



PERCOLATION REPORT

WISE RESOURCE MANAGEMENT DOESN'T COST.....IT PAYS

Hand Construction Company
Custom One
13770 Undercliff St. NW
Anoka MN 55303

427 8500

SOIL TESTING FOR THE DESIGN OF ABSORPTION SYSTEMS

New Site...Lot 15, Block 2..Wild Canyon Estates
Woodbury MN

House...1605 Square feet....3 Bedroom

Soil analysis indicate that trenches should be relatively shallow and that the upper end (East end) of test area should be used as much as possible. Because slope is more that 13% in this upper area drop boxes should be used see diagram (D-14)

Mike Schneider
certification #00546

System subject to approval by local officials

6-15-84

J.B. 7/3/84

WOODBURY, MINNESOTA
Tel. 739-5972

Permit Fee.....	\$ 15.00
State Surcharge..	.50
Penalty.....	\$ 15.00
PLANCHERIE FEE	
TOTAL FEE.....	\$ 30.50
PERMIT NUMBER....	1958

1/84 J

SEWAGE DISPOSAL SYSTEM PERMIT

OWNER: HAND CONST CO TEL. NO. 427-8500 HM. _____ WK. _____

SITE ADDRESS: 4705 WILD CANYON DRIVE

CONTRACTOR: MIDWESTERN MECHANICAL CORP.

MINIMUM SYSTEM REQUIRED: 3 BEDROOMS, PERCOLATION RATE: 22 M in/inch

SEPTIC TANK: 1000 GAL. LIQUID CAPACITY DEPTH OF TRENCHES: 24

DROP DISTRIBUTION BOX: CONCRETE 10 INSTRUCTION COVER

ABSORPTION TRENCH: SQUARE FEET 600 LINEAL FEET 200 WIDTH 3'

DEPTH OF ROCK BELOW TILE LINES: 12 INCHES ABOVE TILE: 2 INCHES

MINIMUM COVER: 6 INCHES MAXIMUM COVER: INVERT FILL 6 INCHES

MINIMUM LENGTH OF LINES: 17 FEET

MINIMUM NUMBER OF LINES: 3

MAXIMUM LENGTH OF INDIVIDUAL LINE: 100 FT.

MINIMUM SPACING OF LINES: 8 FT. C TO C

Potable water & waste connections to the building shall be the responsibility of a state licensed plumber. Minn. Statutes 326.43 License No. 2785M8

Inspection of installation must be accomplished by this office before any portion of system is covered, unless prior approval by inspector is obtained.

SPECIAL CONDITIONS: LIFT PUMP REQ. TO INSTALL DROP BOX SYSTEM TO THE EASTERN AREA OF B-3 & B-4, P-1 & P-2. TRENCHES MUST HAVE LEVEL BOTTOMS. INLET PIPE SHALL BE AT LEAST 1" HIGHER THAN THE OUT LET PIPE OF THE NEXT TRENCH. BOXES MAY BE LOCATED AT ENDS OR CENTER OF TRENCHES CIRCUMVENTING SLOPE.

INSTALLATION APPROVED (inspectors signature): _____

COMMENTS: PROTECT THE AREA FROM HEAVY LOADING BEFORE, DURING & AFTER INSTALLATION.

PERMIT: Permission is hereby granted to the above-named applicant to perform the work described in the application, to the specifications shown under minimum system required. This permit is granted upon express condition that the person to whom it is granted, and his agents, employees and workmen shall conform in all respects to ordinances of Woodbury, Minnesota. This permit may be revoked at any time upon violation of any said ordinance, and permit shall be void if work is not commenced within six (6) months.

APPROVED: (inspectors signature) Louis Bunch

DATE: 6-21-84

White copy - office, Yellow copy - inspector, Pink copy - applicant

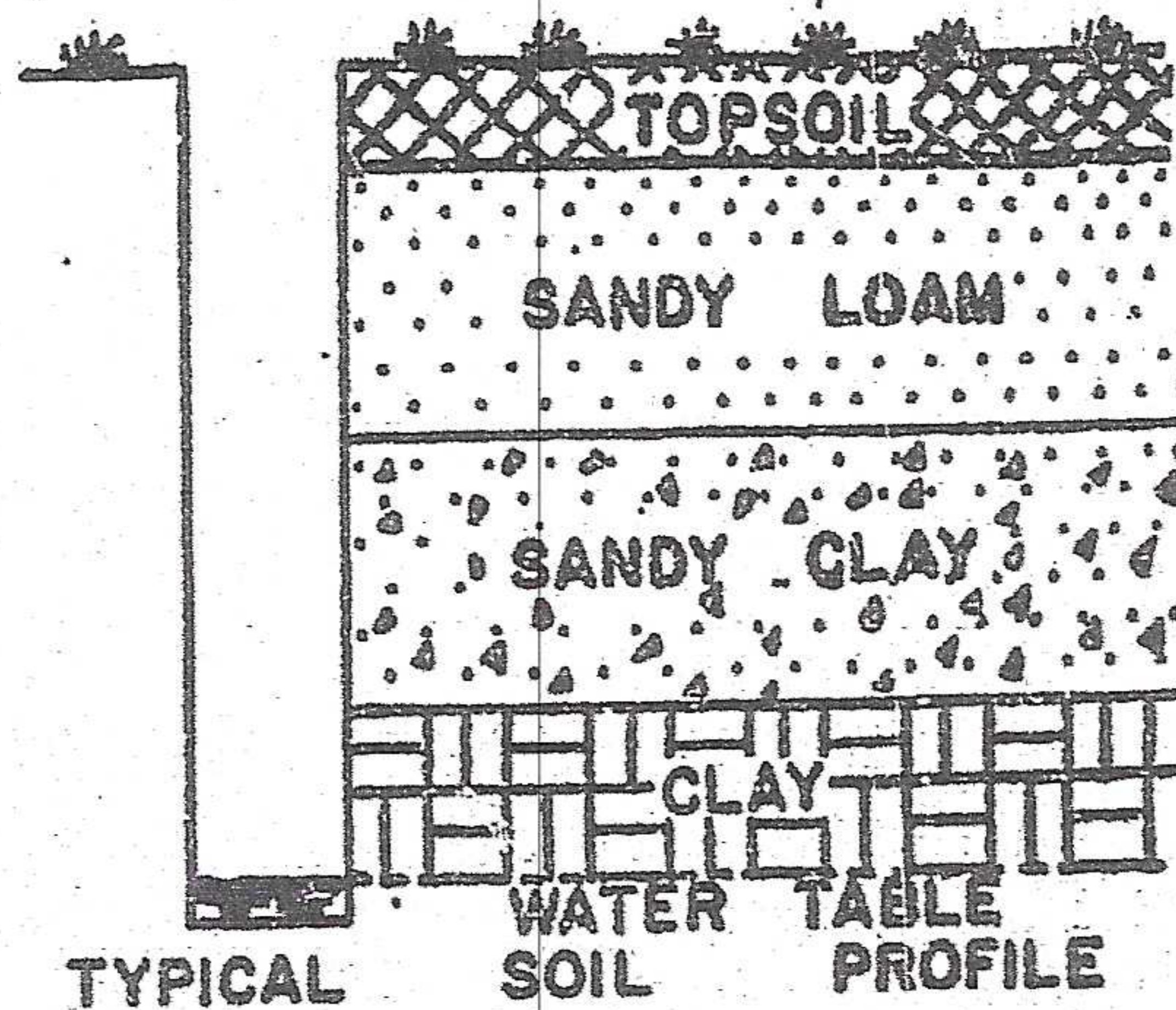
-SOIL BORING-

Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.



LOG OF SOIL BORING

BORING NO. 1

Depth in Feet	Soil Description
<u>1</u>	<u>12</u> - BLACK silty SANDY LOAM
<u>2</u>	<u>20</u> - DARK TAN silty SANDY LOAM
<u>3</u>	
<u>4</u>	<u>55</u> DARK TAN silty SANDY LOAM (HIGH CLAY content)
<u>5</u>	
<u>6</u>	
<u>7</u>	- SAME with a fairly HIGH moisture content - Not saturated
<u>8</u>	<u>76</u> OBSTRUCTION

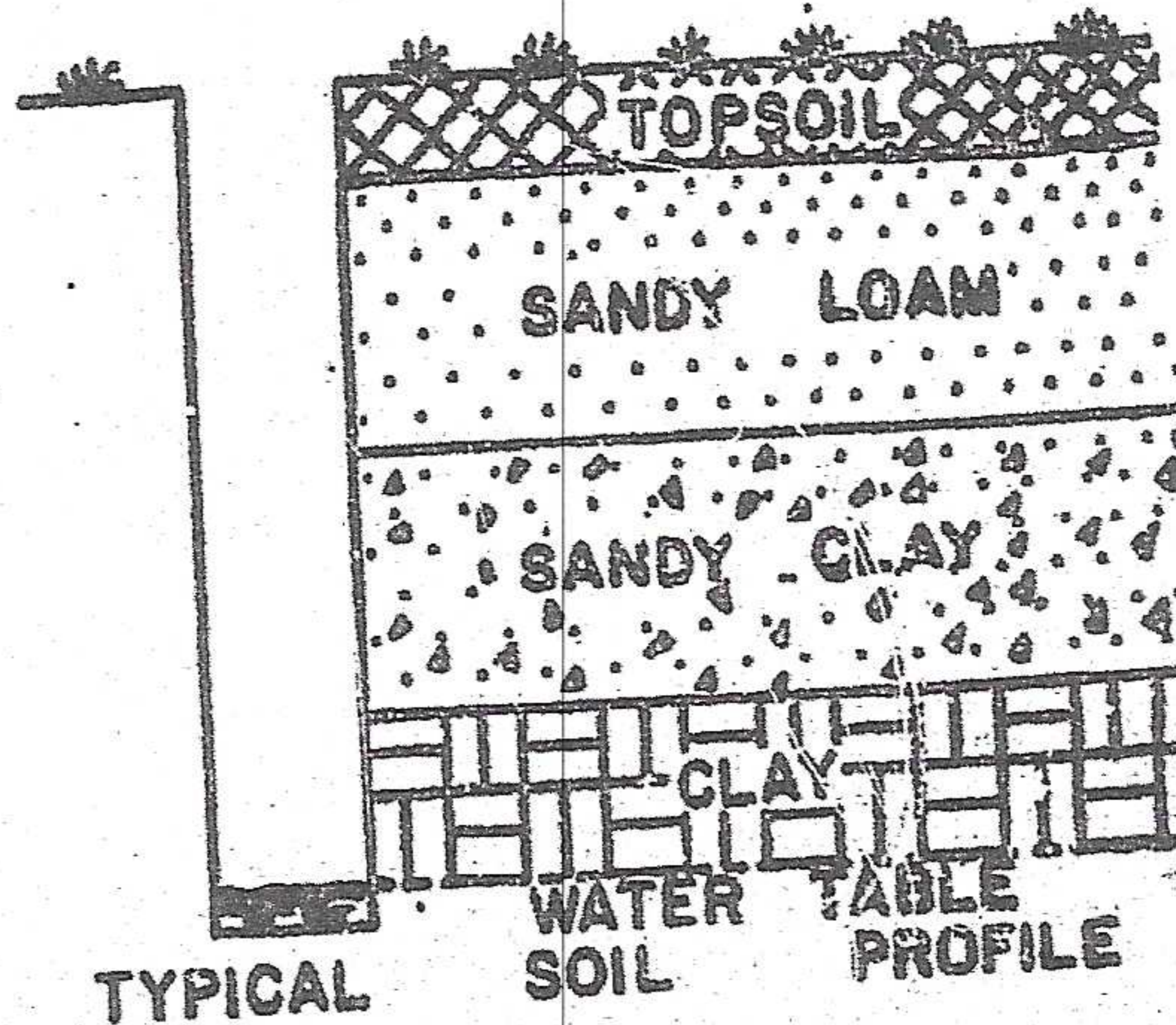
-SOIL BORINGS-

Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.



LOG OF SOIL BORING

BORING NO. 3

Depth in Feet	Soil Description
—	—
—	—
<u>1</u>	<u>DARK BROWN silty SANDY LOAM</u>
<u>2</u>	<u>TAN silty SANDY LOAM</u>
<u>3</u>	<u>TAN silt LOAM (HIGH clay content)</u>
<u>4</u>	<u>—</u>
<u>5</u>	<u>—</u>
<u>6</u>	<u>TAN SANDY clay LOAM (Gets a little sandier as you go deeper)</u>
<u>7</u>	<u>—</u>
<u>8</u>	<u>OBSTRUCTION</u>

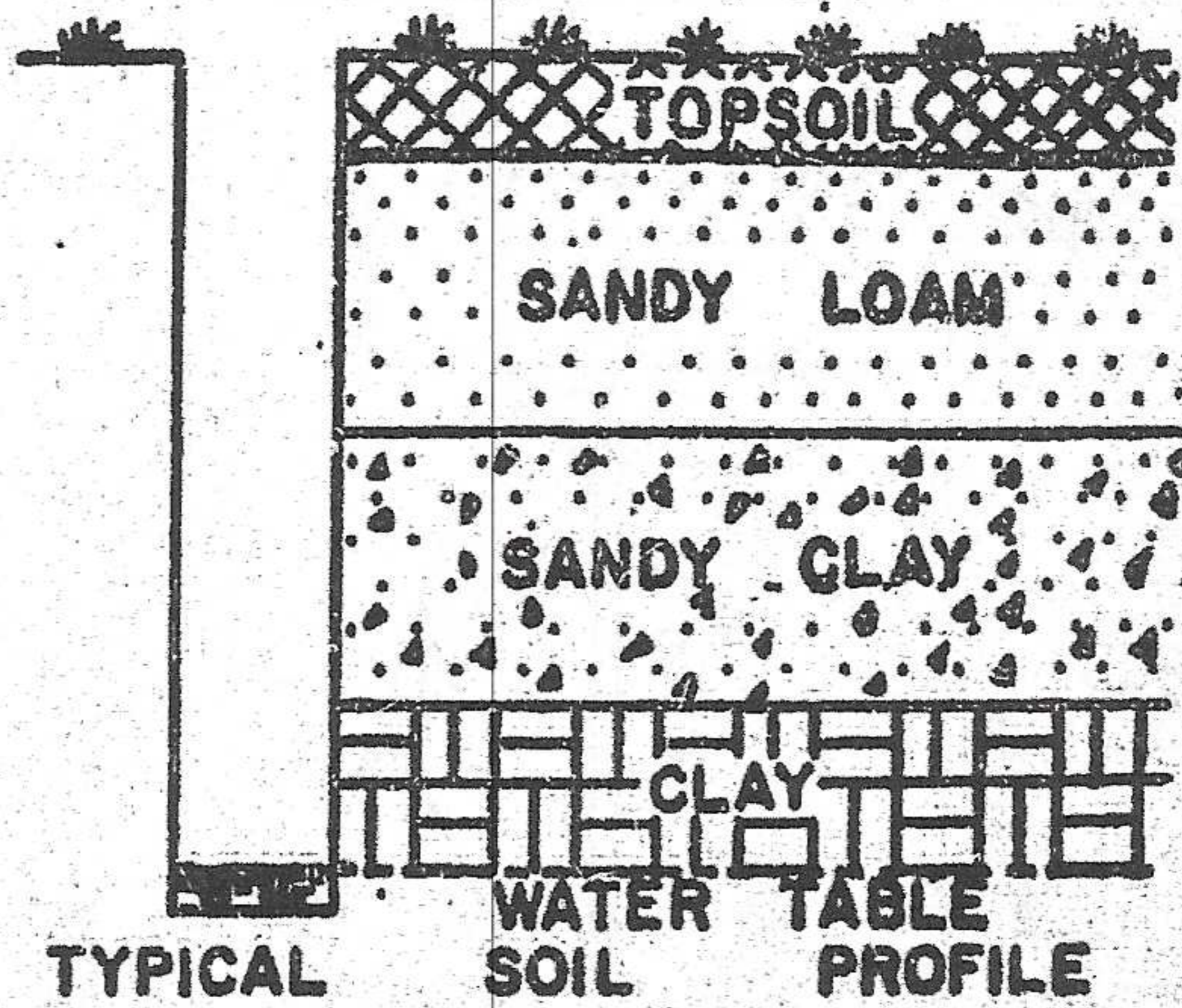
-SOIL BORINGS-

Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.



LOG OF SOIL BORING

BORING NO. 4

Depth in Feet	Soil Description
<u>1</u>	<u>4" DARK BROWN FINE SANDY LOAM</u>
<u>2</u>	<u>1' TAN FINE SANDY LOAM</u>
<u>3</u>	<u>2' TAN CLAY LOAM</u>
<u>4</u>	<u>REDDISH TAN MEDIUM SAND + GRAVEL</u>
<u>5</u>	<u>+ 40% CLAY (APPROXIMATELY)</u>
<u>6</u>	<u>REDDISH TAN MEDIUM SAND + GRAVEL</u>
<u>7</u>	<u>+ SMALL ROCKS + APPROX 20% CLAY</u>
<u>8</u>	<u>OBSTRUCTION</u>

SS Septic Solutions, LLC additional terms and information.

1. SS Septic Solutions, LLC has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period beyond the inspection date. Due to numerous factors (usage, maintenance, tank pumping, soil characteristics, previous failures, etc.) which may affect the proper operation of a septic system. The report shall not be construed as a warranty that the system will properly function for any period.
2. Minimum compliance inspection requirements relative to this inspection and this report include only verification that the septic system has a watertight septic tank(s) and lift tank, the required separation from the bottom of the drain field/mound distribution medium and saturated soils, no backup of sewage into the dwelling and no discharge of sewage onto the ground surface or surface water. SS Septic Solutions, LLC does not inspect basement sewage ejector pumps or exterior lift pumps as they are a maintenance item. Sewage backup verification is limited to the information supplied by the last occupants/owner if available. I cannot guarantee that the information given to me is accurate. Some people may attempt to hide or conceal signs of previous backups.
3. Certification of this system does not warranty any future use beyond the date of inspection. Any system, new or old, can be hydraulically overloaded because of more people moving into the house than were previously occupying it, improper maintenance, heavy usage, tree roots, freezing conditions, or surface drainage problems. The system could simply stop working due to age.
4. A compliance inspection is not meant to be a test of the longevity of the septic system. The inspection is strictly for the purpose of determining if the septic is polluting the environment at the date and time the inspection is performed. The inspection is not intended to determine if the system was originally designed or installed to past or present MPCA or local unit of government code requirements.
5. Winter Work – Client understands that inspections conducted in winter weather conditions are more difficult to perform due to snow cover and frost. Septic system components like tanks, tank covers, drop boxes and soil treatment areas are more difficult to locate in these conditions. Soil borings and drain field locations are also more difficult to perform due to ground frost. The client needs to understand that due to the weather conditions, the same level of standards may not be possible compared to an inspection during the spring/summer/fall months.
6. If hired to perform the compliance inspection, the client hereby agrees that SS Septic Solutions, LLC will not be responsible for any monetary damages, claims or causes of action including attorney fees arising from the performance of this inspection.
7. Nothing other than gray water (laundry, showers, etc.) human waste and toilet tissue should be disposed of into the septic tanks. Garbage disposals are not recommended. Smaller amounts of laundry, soaps, dish soap, cleaning agents, etc. are better for the system. Antibacterial soaps and chlorine agents may kill the bacteria needed to treat effluent properly. Additives are not recommended and may be harmful to your system. Recommend to pump and clean your tanks by a certified pumper every other year if you have 1 tank and every 2-3 years if you have a 2-tank system to ensure proper maintenance.