MINNESOTA POLLUTION CONTROL AGENCY
520 Lafayette Road North
St. Paul, MN 55155-4194

Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf.

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 2102721410035 Reason for Inspection Property Transfer

Local regulatory authority info: Washington County

Property address: 9655 Islay Ave S Cottage Grove, Mn. 55016

Owner/representative: Bob Redmond Owner's phone: 651-208-9398

Brief system description: 2 septic tanks and 1 lift tank to drainfield

System status

System status on date (mm/dd/yyyy): 12/28/2021

☒ **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: David R Brown Certification number: 9370

Inspector signature: DRB License number: 3649

(This document has been electronically signed) Phone: 651-788-3296

Necessary or locally required supporting documentation (must be attached)

☒ Soil observation logs ☒ System/As-Built ☐ Locally required forms ☒ Tank Integrity Assessment ☐ Operating Permit

☐ Other information (list):

Property Address: 9655 Islay Ave S Cottage Grove, Mn. 55016

Business Name: David R Brown Date: 12/28/2021

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

Compliance criteria:

System discharges sewage to the ground surface	☐ Yes* ☒ No
System discharges sewage to drain tile or surface waters.	☐ Yes* ☒ No
System causes sewage backup into dwelling or establishment.	☐ Yes* ☒ No

Any "yes" answer above indicates the system is an imminent threat to public health and safety.

Describe verification methods and results:

Attached supporting documentation:

☐ Other:

☐ Not applicable

2. Tank integrity – Compliance component #2 of 5

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	☐ Yes* ☒ No
Sewage tank(s) leak below their designed operating depth?	☐ Yes* ☒ No
If yes, which sewage tank(s) leaks:	

Any "yes" answer above indicates the system is failing to protect groundwater.

Describe verification methods and results:

Attached supporting documentation:

☒ Empty tank(s) viewed by inspector

Name of maintenance business: Meyers

License number of maintenance business: 915

Date of maintenance: 12/28/2021

☐ 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:

Property Address: 9655 Islay Ave S Cottage Grove, Mn. 55016

Business Name: David R Brown Date: 12/28/2021

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

Yes to 3a or 3b - System is an imminent threat to public health and safety.

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

Yes to 3c or 3d - System is failing to protect groundwater.

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

Any "no" answer indicates noncompliance.

Describe verification methods and results:

Attached supporting documentation: ☐ Operating permit (Attach) ☐

Property Address: 9655 Islay Ave S Cottage Grove, Mn. 55016

Business Name: David R Brown Date: 12/28/2021

5. Soil separation – Compliance component #5 of 5

Date of installation 6/3/1999 *(mm/dd/yyyy)* ☐ Unknown

Shoreland/Wellhead protection/Food beverage lodging? ☐ Yes ☒ No

Attached supporting documentation:

☒ Soil observation logs completed for the report

☐ Two previous verifications of required vertical separation

☐ Not applicable (No soil treatment area)

☐ _____

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:* Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*
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:* Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*	☒ Yes ☐ No*
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)* Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*

Indicate depths or elevations

A. Bottom of distribution media	36"
B. Periodically saturated soil/bedrock	72"
C. System separation	36"
D. Required compliance separation*	36"

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

Any "no" answer above indicates the system is failing to protect groundwater.

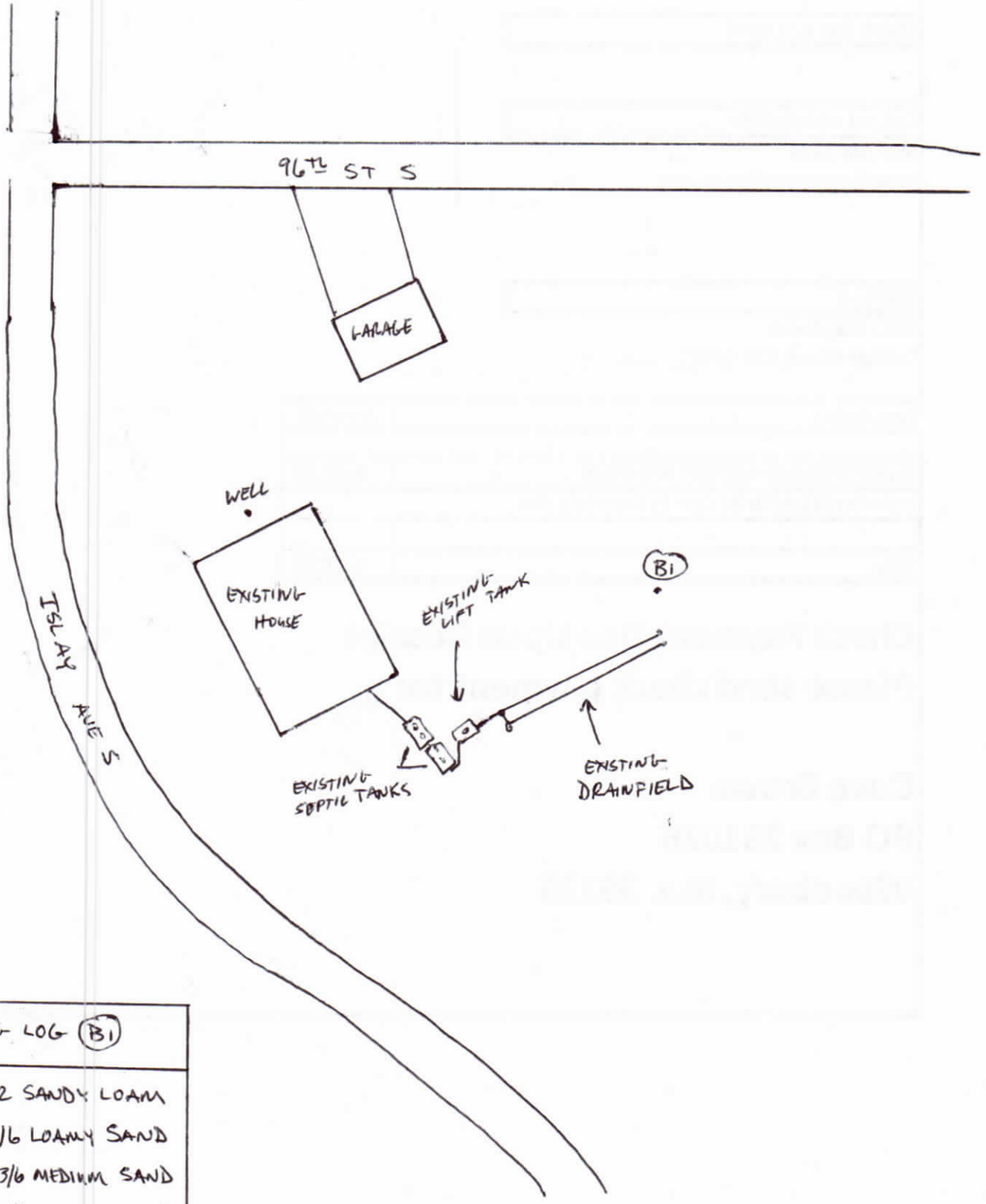
Describe verification methods and results:

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.*

9655 ISLAY AVE S COTTAGE GROVE, MN. 55016

N↑

NO SCALE



SOIL BORING LOG (B1)
0"-12" = 10YR2/2 SANDY LOAM
12"-26" = 10YR3/6 LOAMY SAND
26"-40" = 10YR 3/6 MEDIUM SAND
40"-72" = 10YR 4/6 MEDIUM SAND

City of Cottage Grove
Building Division

7516 80th St S, Cottage Grove, MN 55016

PERMIT NO: 9900644
DATE ISSUED: 06/03/99

RC 2234

Address : 9655 Islay Ave S
PIN : 21-027-21-41-0020
Legal Desc : Subdivision LANGDON ADD
: Lot 005 Block 024 Parcel
Permit Type : Septic
Property Type : Single Family Detached
Construction Type : Septic System
Activity : Septic System

NOTE: Replace/upgrade system. Provide asbuilt certification document to City upon project completion

APPLICANT

Cenco Inc
9225 St. Croix Tr
Hastings, MN 55033

Septic (New)	$75.00
State Surcharge (Septic)	$2.00
Total	$77.00

Paid with check # 10432

AGREEMENT AND SWORN STATEMENT

The work for which this permit is issued shall be performed according to : (1) the conditions of this permit; (2) the approval plans and specifications; (3) the applicable city approvals, Ordinances, and Codes; and, (4) the State Building Code. This permit is for only the work described, and does not grant permission for additional or related work which requires separate permits. This permit will expire and become null and void if work is not started within 60 days, or if work is suspended or abandoned for a period of 120 days any time after work has commenced. The applicant is responsible for assuring all required inspections are requested in conformance with the State Building Code.

SEPARATE PERMITS REQUIRED FOR WORK OTHER THAN DESCRIBED ABOVE.

7516 - 80th St S
Cottage Grove, MN 55016
Phone: (651) 458-2877
Fax: (651) 458-2881

City of Cottage Grove Building Division

PLUMBING & SEWER PERMIT APPLICATION

LOCATION 9655 ISLAY PERMIT #

RECEIVED
MAY 28 1999

The undersigned hereby makes application for plumbing or sewer work as herein specified, agreeing to do all work in strict accordance with the municipal ordinances and rulings.

DATE: 5-28-99

OWNER: Robert + Ann Redmond PHONE: 459-1996
ADDRESS: 9655 Islay Ave So

CONTRACTOR: Cenco PHONE: 436-8292 FRANK
ADDRESS 9225 St Croix Trail

TYPE OF BUILDING: Residential USED AS:
COMPLETION DATE: ESTIMATED COST: $ 1/

Approved 6-1-99 BBK

WORK DESCRIPTION

	H20 Clo.	Bath tub	Lav.	Sink	Wash tray	Flr. Dr.	H20 htr.	Sho-wer	Uri-nal	Sump pump	H20 soft	Garb disp	Dish wash
base													
1st													
2nd													
3rd													

	SEWER/WATER CONNECTION	SEPTIC TANK DRAINFIELD	MISCELLANEOUS
REPAIR:			
ALTERATION:			
INSTALLATION:			

SIGNED BY: Frank Tully

Proposed System Design based on P.C.A. Rules 6 MCAR §4.8040

Individual Sewage Treatment System Standards

Number of bedrooms 3 Bedrooms

Tank size 1000 Gallon Septic Tank 1000 Gallon Lift Station

Number of lines 2 Length of lines 63'

Spacing of lines 7.5' on center

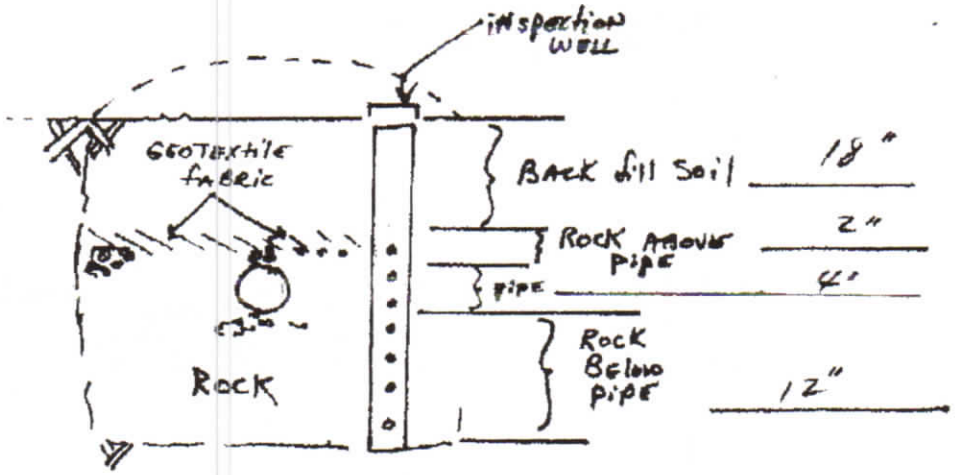
Depth of trenches 36" Width of trenches 36"

Depth of rock below tile 12" Depth of rock above tile 2"

Depth of earth cover over rock 18"

Special conditions

Type of distribution box Drop Boxes



Trench must be flat along length and relatively level from end to end

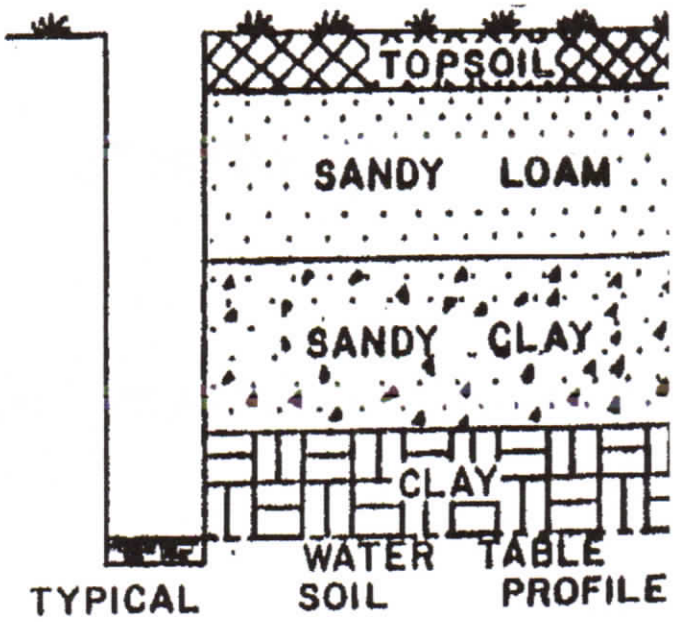
-SOIL BORINGS-

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.



TYPICAL SOIL PROFILE

LOG OF SOIL BORING

BORING NO. 1

Depth in Feet	Soil Description
1	1': DARK BROWN FINE LOAMY SAND
2	2': DARK BROWN FINE SAND
3	3': YELLOWISH BROWN FINE SAND
4	4': YELLOWISH BROWN FINE - MEDIUM SAND
5	
6	YELLOWISH BROWN FINE - MEDIUM SAND + SOME FINE GRAVEL
7	
8	8':

NO RESTRICTIVE BACKGROUND COLORATION FOUND

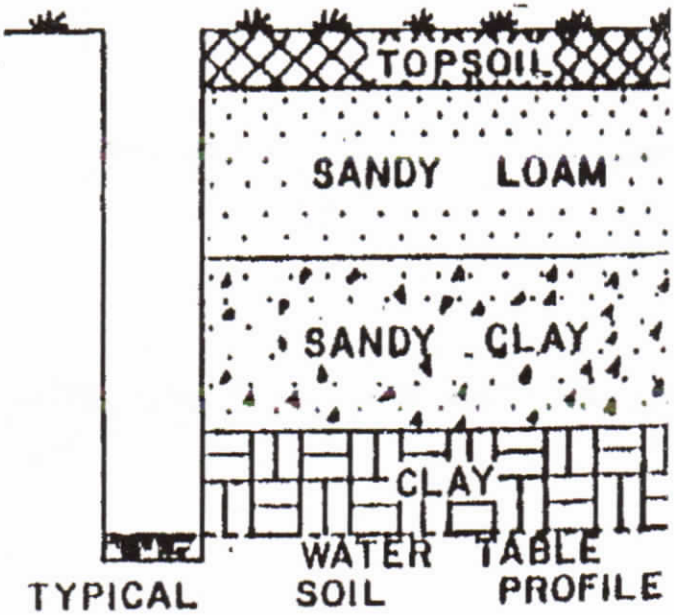
-SOIL BORINGS-

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. 2

Depth In Feet	Soil Description
1	1" DARK BROWN fine loamy SAND
2	2" DARK BROWN fine SAND
3	3" YELLOWISH BROWN fine SAND
4	4" YELLOWISH BROWN fine - medium SAND
5	
6	YELLOWISH BROWN fine - medium SAND + some fine GRAVEL
7	
8	8"

No Restrictive Back Ground Coloration found

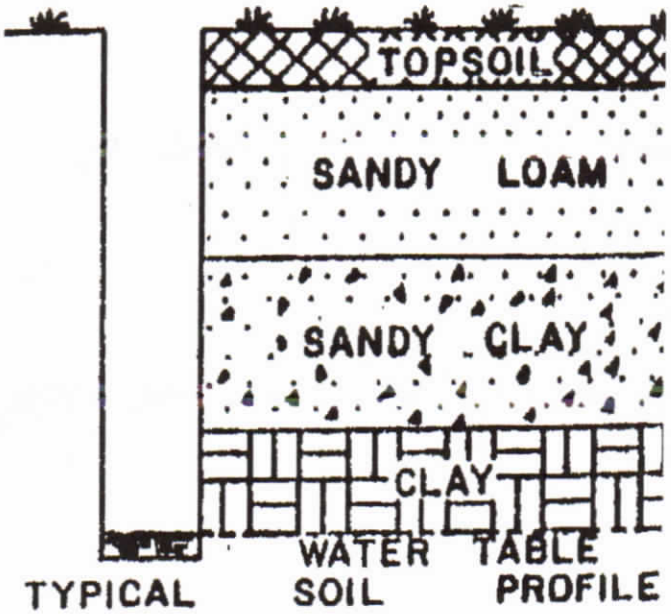
-SOIL BORINGS-

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.



TYPICAL SOIL PROFILE

LOG OF SOIL BORING

BORING NO. 3

Depth in Feet	Soil Description
1	1": DARK BROWN FINE LOAMY SAND
2	
3	YELLOWISH BROWN FINE SAND
4	4":
5	
6	YELLOWISH BROWN FINE-MEDIUM SAND + SOME FINE GRAVEL
7	
8	8":

NO RESTRICTIVE BACKGROUND COLORATION FOUND

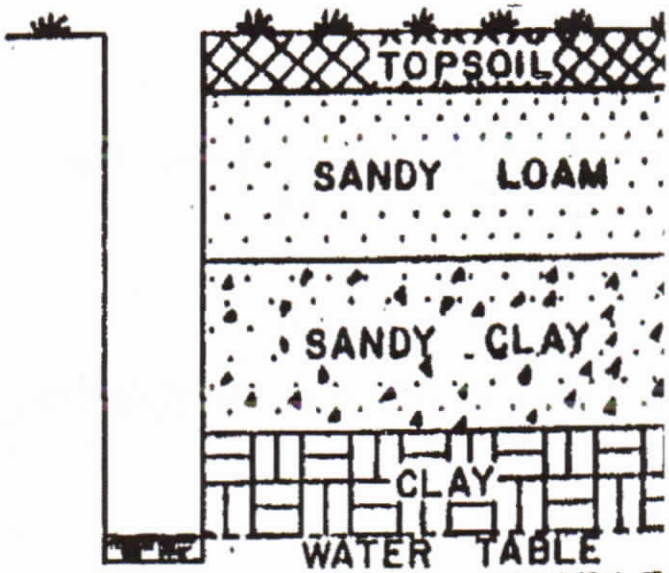
-SOIL BORINGS-

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.



TYPICAL SOIL PROFILE

LOG OF SOIL BORING

BORING NO. 4

Depth In Feet	Soil Description
1	DARK BROWN fine loamy SAND
2	
3	YELLOWISH BROWN fine SAND
4	
5	
6	YELLOWISH BROWN fine-medium SAND + some fine GRAVEL
7	
8	

11. P.L. Line Background coloration found