

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 123/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-4) S-4

Location Woburn, MA

Owner U.S. EPA

Ground Elev. 53.5' MSL

Driller Geo-Metrics, Inc.

Drilling Completed 7/1/81

Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. 1.4" ID

Depth 91'

Screen Diam. 1.4" ID

Screen Setting 4-91'

Screen Type Schedule 80 PVC

0.01" Slot

Well Type Monitoring

Static Water Level 5'

Date Measured 10/30/81

----- WATER QUALITY -----

Samples Taken Yes x No

No. of Samples

Type of Samples Priority

Pollutant

Date Sampled 11/30/81

Samplers Cook, Porter

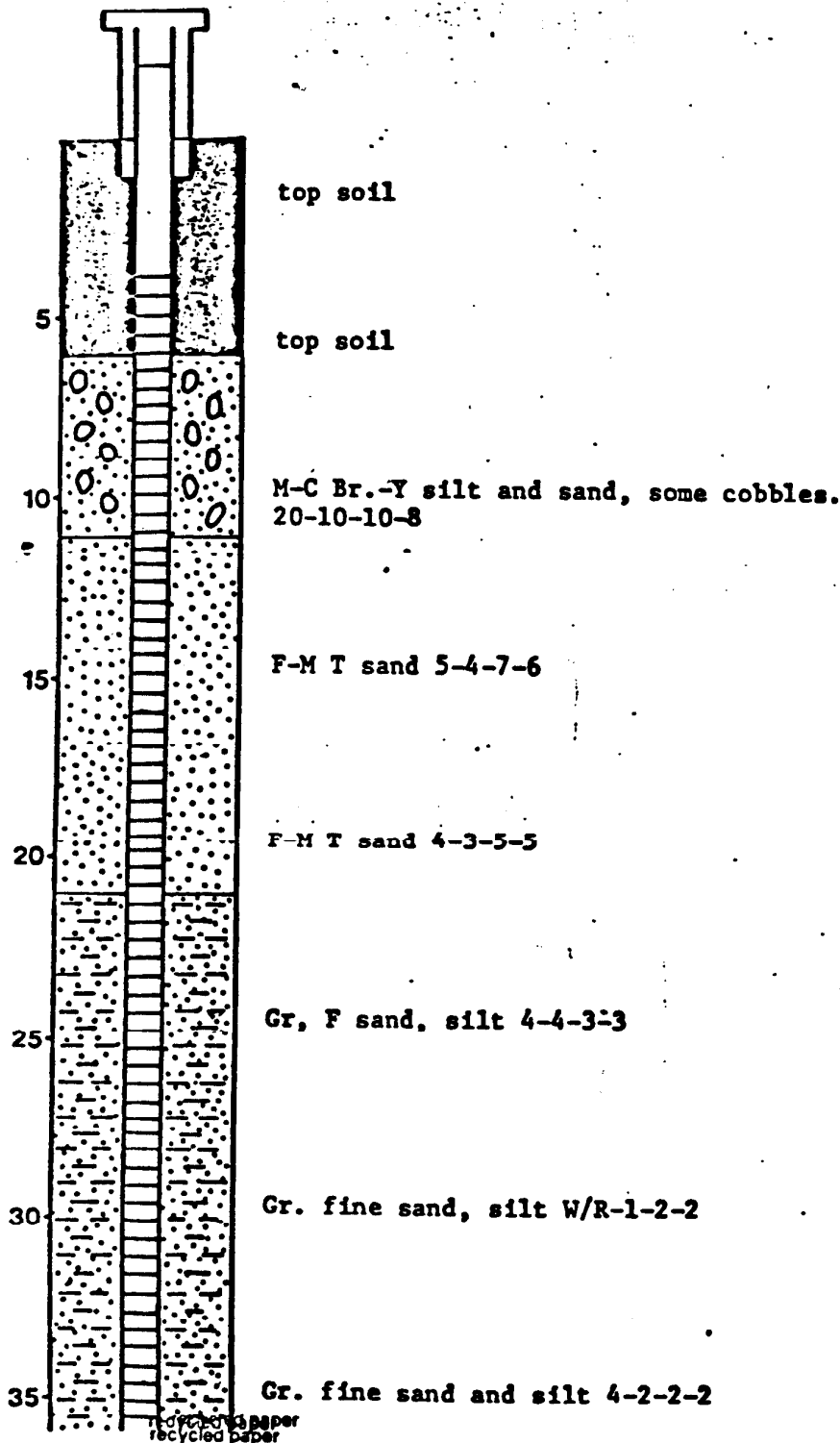
Will be Analyzed for

Sampled for Priority Pollutant
Organics 11/3/81

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red



ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 123/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)	Soil Description Blow Counts/6"	Well No. (W-4) S-4 Location
40	Gr. fine sand and silt 4-10-10-10	Owner U.S. EPA Ground Elev. Driller Geo-Metrics, Inc. Drilling Completed Type of Rig Truck Mounted ----- WELL DATA ----- Well Diam. 1.4" ID Depth Screen Diam. 1.4" ID Screen Setting Screen Type Schedule 80 PVC 0.01" Slot Well Type Monitoring Static Water Level Date Measured ----- WATER QUALITY ----- Samples Taken Yes No No. of Samples Type of Samples
45	Gr. fine sand and silt, trace of clay W/R-2-5-7	Date Sampled Samplers Will be Analyzed for
50	Gr. fine sand and silt, trace of clay 3-6-4-4	
55	Gr. fine sand and silt, trace of clay 6-5-4-4	
60	Gr. fine sand and silt, 5-6-12-10	
65	Gr. fine sand and silt 5-7-6-5	
70	G. fine sand and silt, trace of clay 3-5-5-6	
75	Gr. fine sand and silt 1/W/R-2-3	

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

recycled paper
recycled paper

ecology and environment
ecology and environment

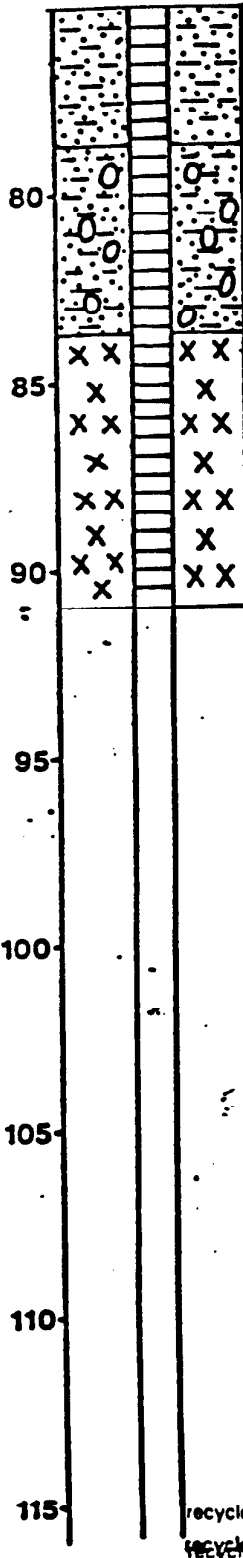
ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 123/3
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-4) S-4
Location



Gr. fine sand, silt, trace of gravel
19-18-15-100/2 1/2"

Bedrock

Owner U.S. EPA
Ground Elev.
Driller Geo-Metrics, Inc.
Drilling Completed
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID

Depth

Screen Diam. 1.4" ID

Screen Setting

Screen Type Schedule 80 PVC

0.01" Slot

Well Type Monitoring

Static Water Level

Date Measured

----- WATER QUALITY -----

Samples Taken Yes No

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

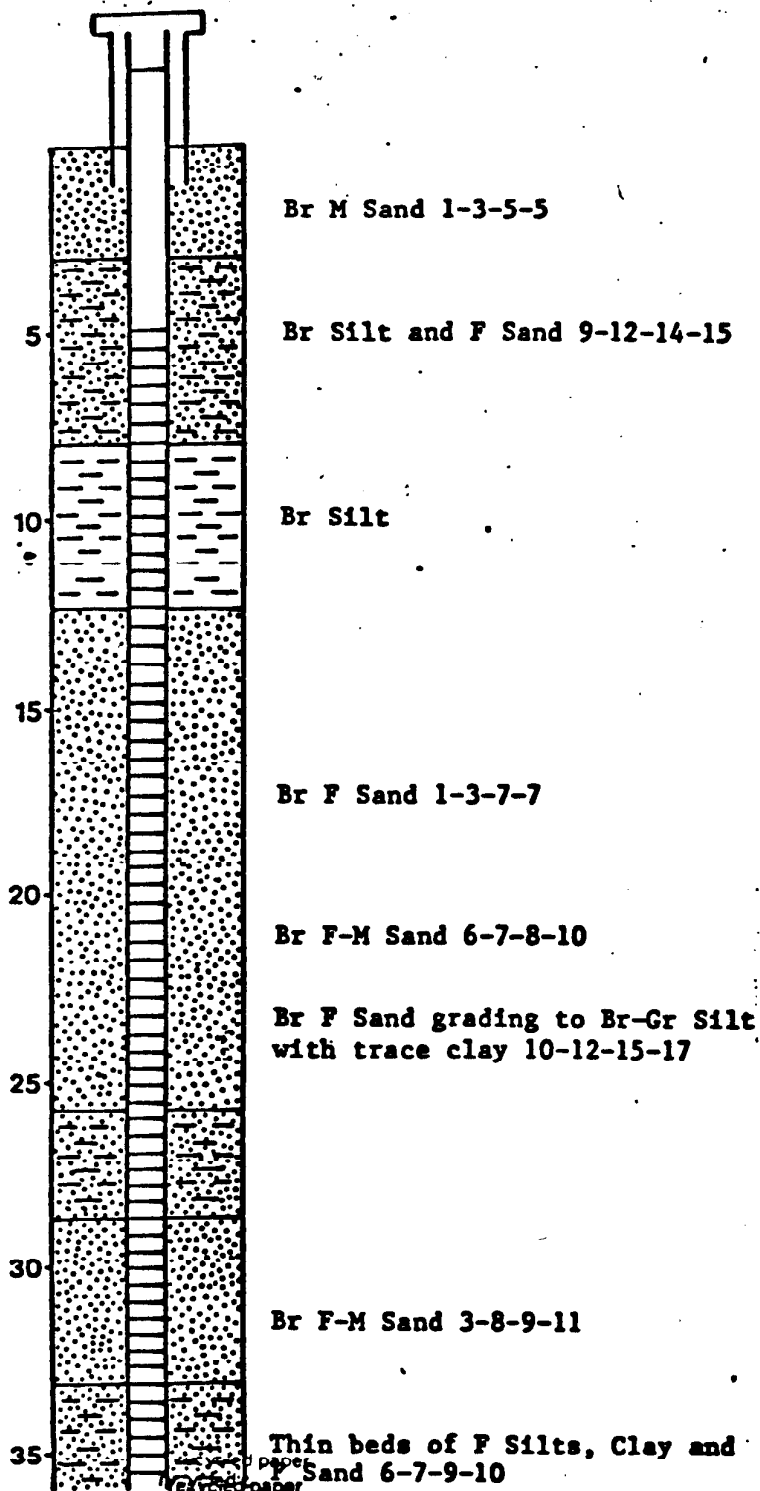
Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

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ecology and environment, inc.

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 125/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. (W5) S5
Location Woburn, MA

Owner U.S. EPA
Ground Elev 54' MSI
Driller Geo-Metrics, Inc.
Drilling Completed 7/7/81
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth 65.5'
Screen Diam. 1.4" ID
Screen Setting 4'-65.5'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 2' 11"
Date Measured 10/30/81

----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples
Type of Samples Priority
Pollutant

Date Sampled 11/30/81
Samplers Cook, Porter
Will be Analyzed for

Sampled for Volatile
Organics 11/3/81

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

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ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 125/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-5) S-5
Location

Owner U.S. EPA
Ground Elev.
Driller Geo-Metrics, Inc.
Drilling Completed
Type of Rig Truck Mounted

WELL DATA
Well Diam. 1.4" ID
Depth
Screen Diam. 1.4" ID
Screen Setting
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level
Date Measured

WATER QUALITY

Samples Taken Yes No

No. of Samples

Type of Samples

Date Sampled

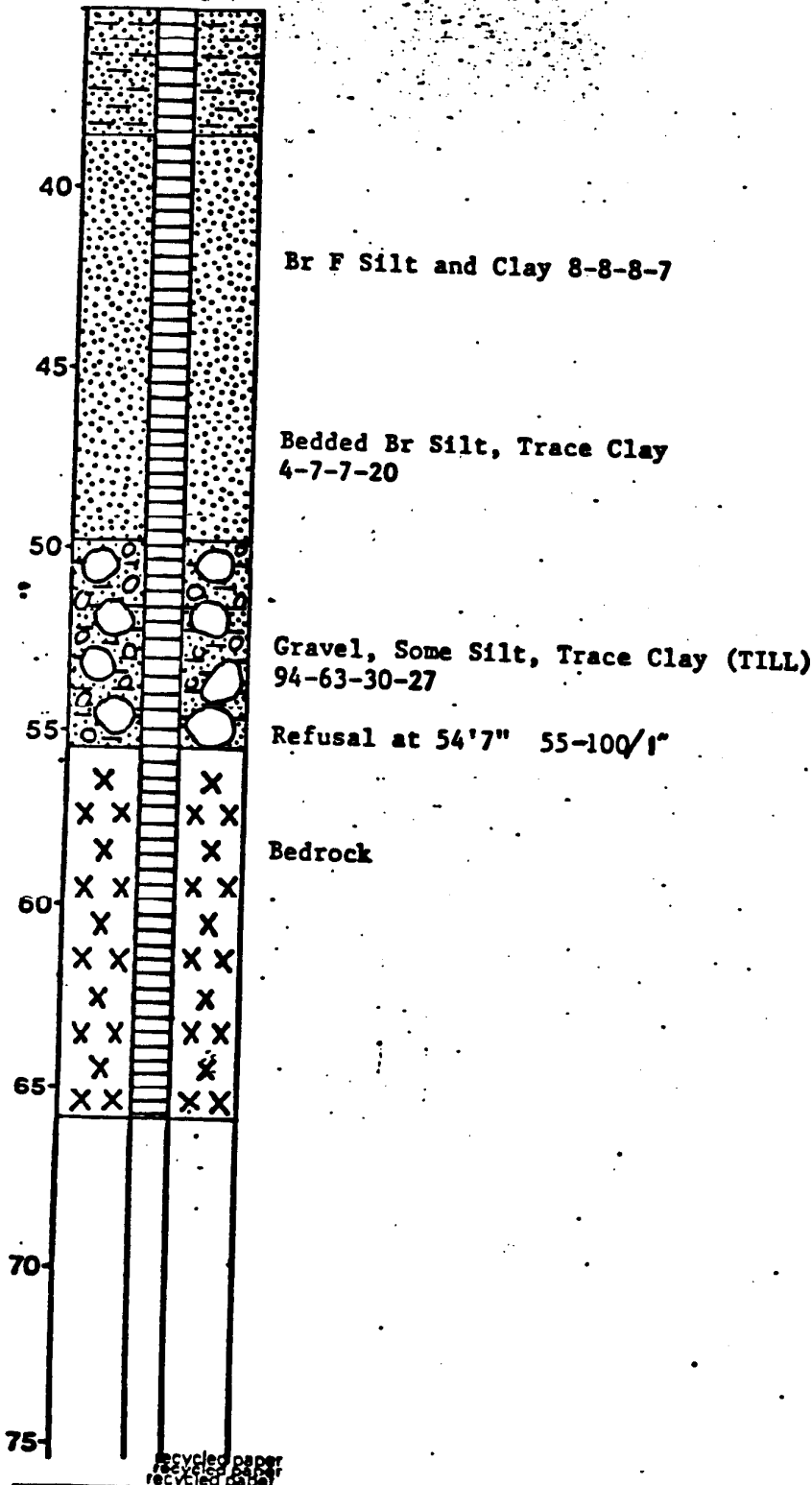
Samplers

Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

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T-tan
Gr-grey
R-red



ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 124/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. (W-6) S-6
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 57.5' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 7/14/81
Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. 1.4" ID
Depth 94'
Screen Diam. 1.4" ID
Screen Setting 4-94'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 8'2"
Date Measured 10/30/81

----- WATER QUALITY -----

Samples Taken Yes x No

No. of Samples

Type of Samples Priority PollutantDate Sampled 11/30/81Samplers Cook, Porter

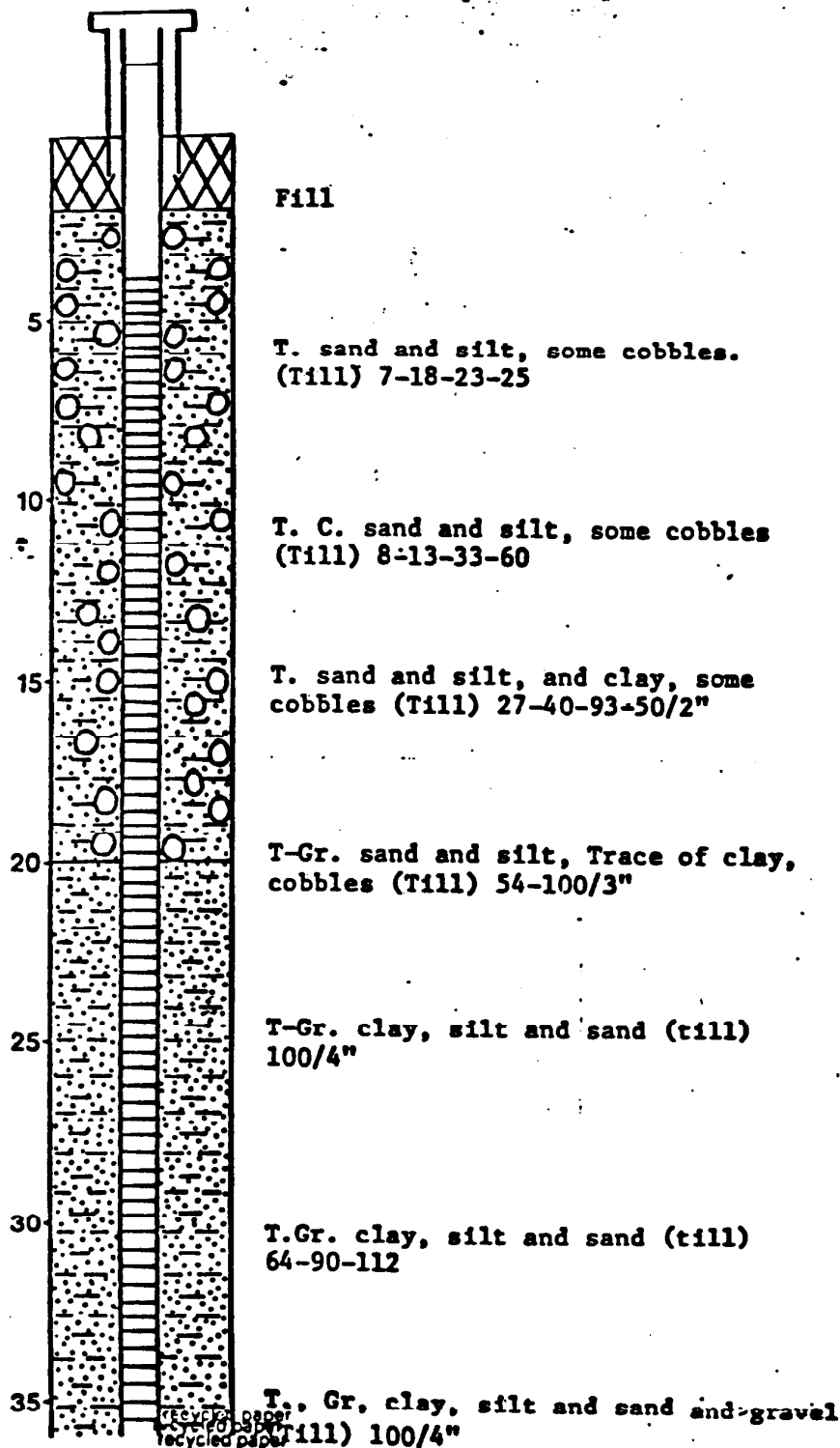
Will be Analyzed for

Sampled For Volatile Organics
11/3/81

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



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ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 124/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-6) S-6
Location

Owner U.S. EPA

Ground Elev.

Driller Geo-Metrics, Inc.

Drilling Completed

Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. 1.4" ID

Depth

Screen Diam. 1.4" ID

Screen Setting

Screen Type Schedule 80 PVC

0.01" Slot

Well Type Monitoring

Static Water Level

Date Measured

----- WATER QUALITY -----

Samples Taken Yes No

No. of Samples

Type of Samples

Date Sampled

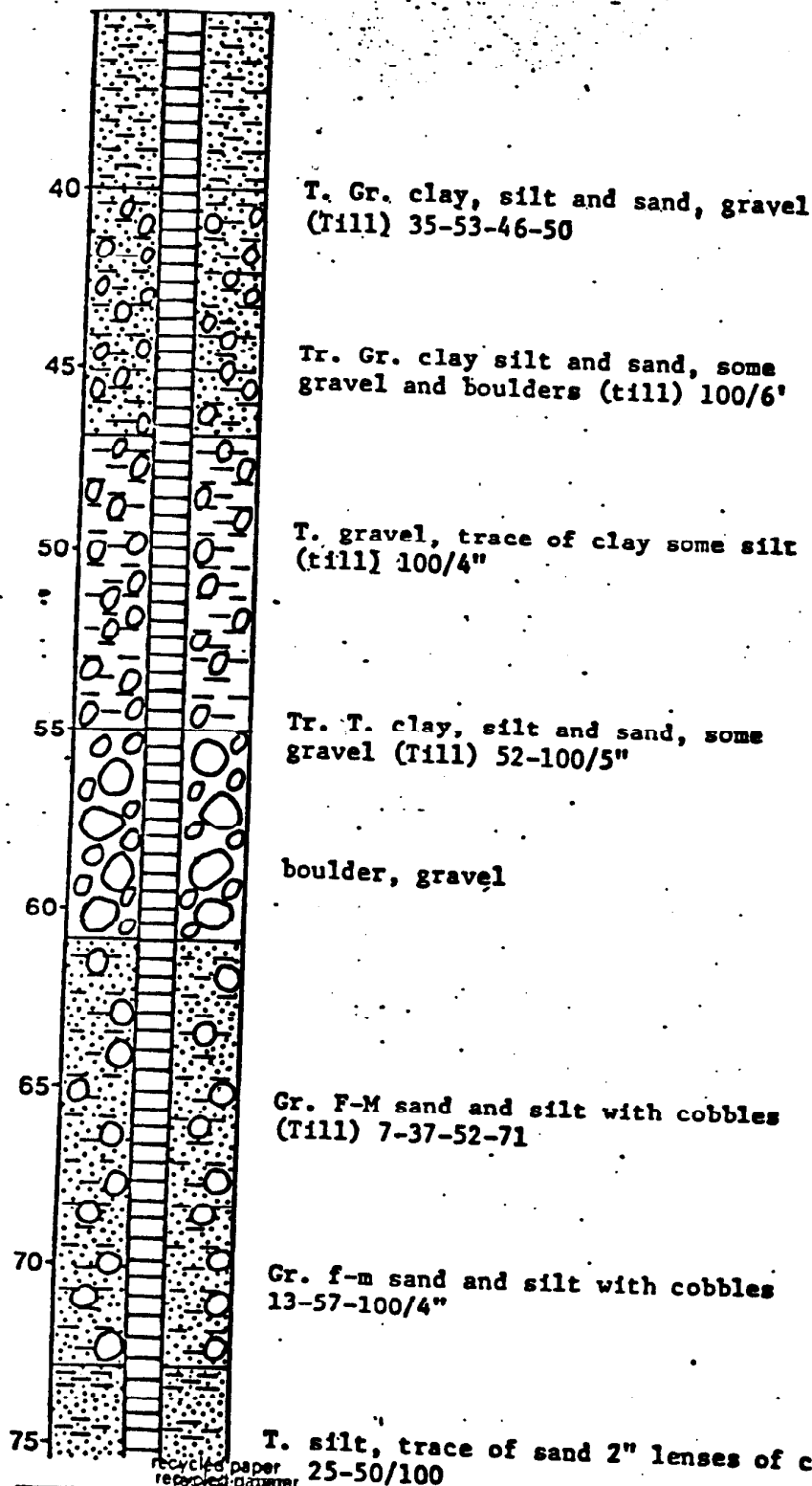
Samplers

Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

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Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



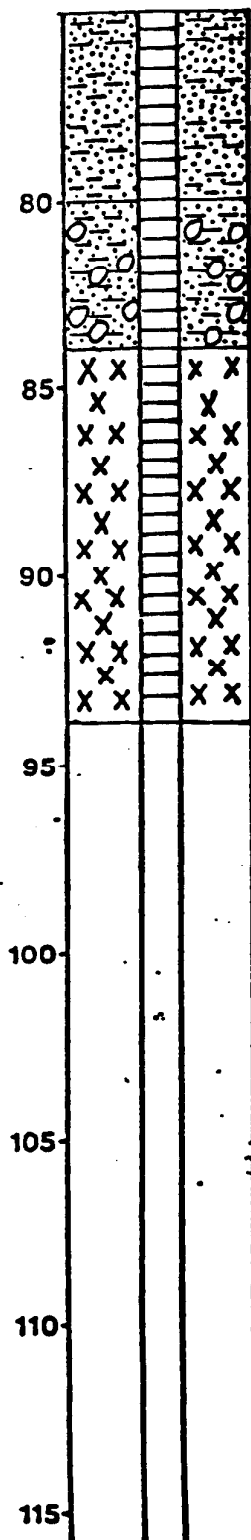
ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 124/3
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared _____
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-6) S-6
Location _____



silt, sand and boulders (till)
120/5"

Bedrock

Owner U.S. EPA
Ground Elev. _____
Driller Geo-Metrics, Inc.
Drilling Completed _____
Type of Rig Truck Mounted
----- WELL DATA -----
Well Diam. 1.4" ID
Depth _____
Screen Diam. 1.4" ID
Screen Setting _____
Screen Type Schedule 80 PVC
0.01" Slot
Well Type Monitoring
Static Water Level _____
Date Measured _____
----- WATER QUALITY -----
Samples Taken Yes _____ No _____
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 121
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-7) S-7
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 91' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 6/24/81
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth 28'
Screen Diam. 1.4" ID
Screen Setting 4'-28'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 4'1"
Date Measured 10/30/81

----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples
Type of Samples Priority
Pollutant

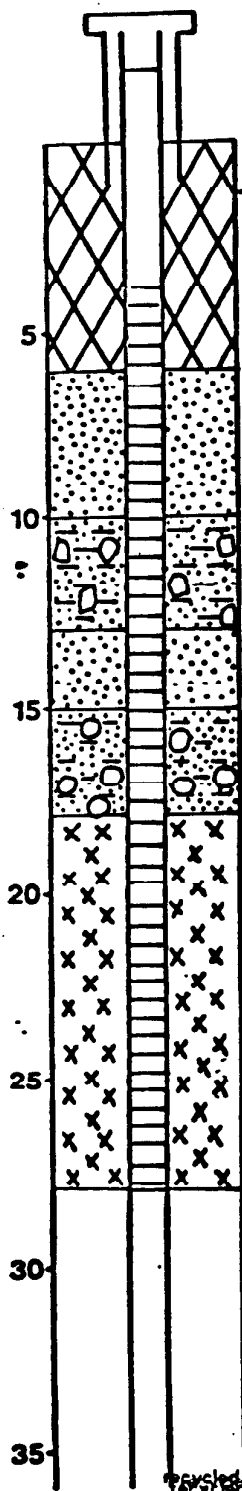
Date Sampled
Samplers
Will be Analyzed for

Sampled for Volatile
Organics 11/3/81

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red



Fill 1-7-11-9

Fill 2-6-8-5

Gr. fine-med sand overlying R-Y clays, silts and sand with angular gravel pieces

Till 11-20-23-24

M-C Br. sand trace silt over Br.-G. silt sand and cobbles

Till 70-48-54-100

Bedrock

Recycled paper

ecology and environment, inc.

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 120/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-8) S-8
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 45' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 7/25/81
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth 128.5'
Screen Diam. 1.4" ID
Screen Setting 4'-128.5'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 2'
Date Measured 10/30/81

----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples
Type of Samples Priority
Pollutants

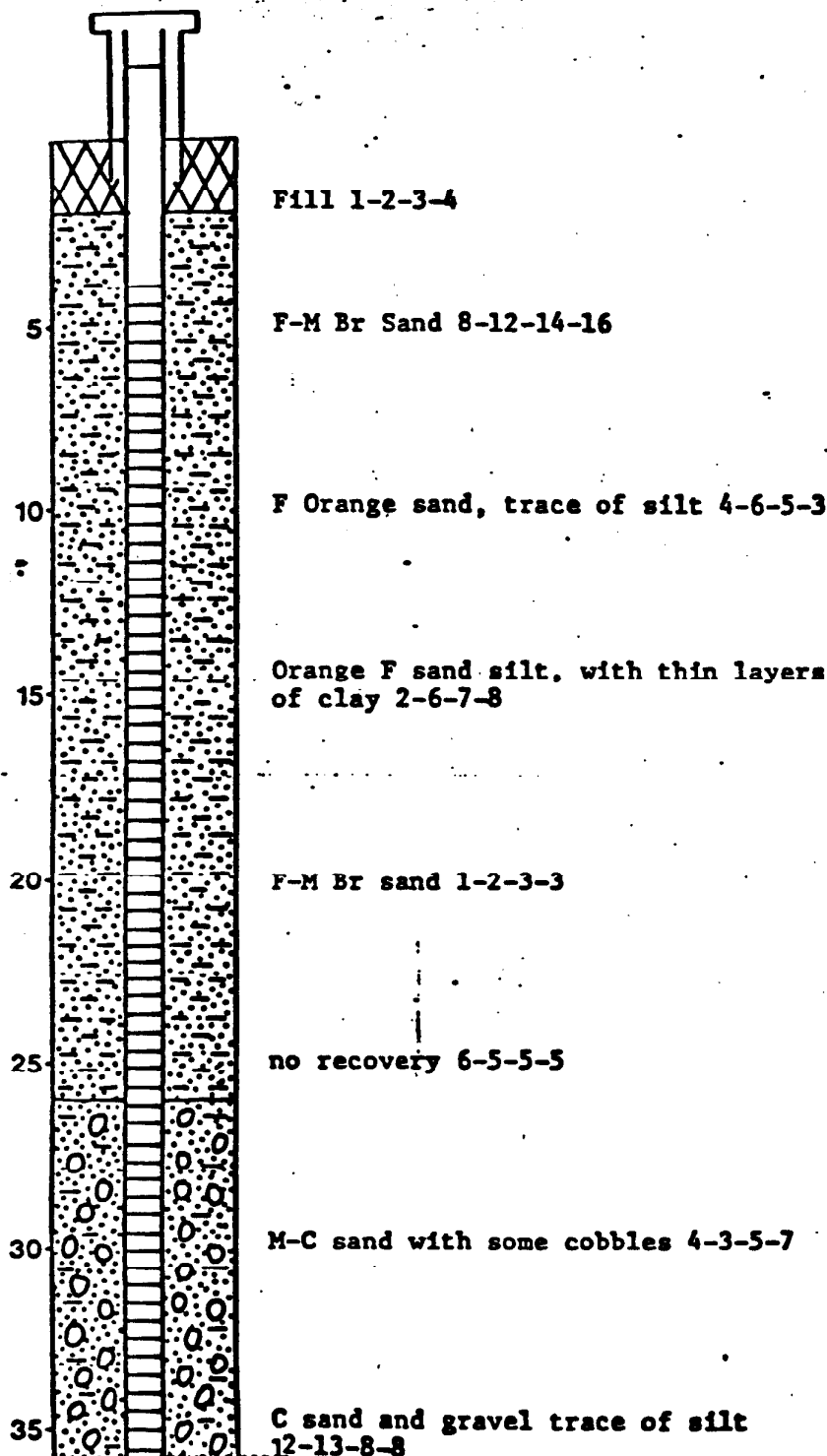
Date Sampled 11/30/81
Samplers Porter and Fucatile
Will be Analyzed for

Sampled for Volatile
Organics 11/3/81

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 120/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-8) S-8
Location

Owner U.S. EPA
Ground Elev.
Driller Geo-Metrics, Inc.
Drilling Completed
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth
Screen Diam. 1.4" ID
Screen Setting
Screen Type Schedule 80 PVC
0.01" Slot

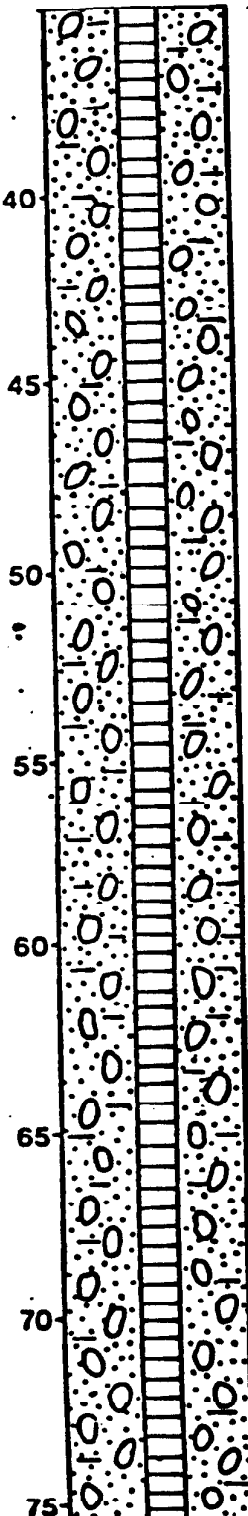
Well Type Monitoring
Static Water Level
Date Measured
----- WATER QUALITY -----
Samples Taken Yes No
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

REMARKS

REMARKS

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red



C sand and gravel trace of silt
13-10-12-15

C sand and gravel some sand
14-11-11-11

Br. C sand and gravel some silt
24-26-76-50

Gr. gravel, some sand and silt
17-21-26-36

C Gr sand with trace of silt (few
thin layers) grading to fine silt
and clay 29-30-36-30

Gr silt, sand and gravel, trace of
clay 34-50-66-78

T sand and gravel, some silt, trace
of clay 141-187

No Recovery wash-med-fine sand 8-25-47-80

recycled paper
100% post consumer waste

ecology and environment, inc.
30 East Cummings Park
Woburn, MA 01801

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 120/3
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-8) S-8
Location

Owner U.S. EPA
Ground Elev.
Driller Geo-Metrics, Inc.
Drilling Completed
Type of Rig Truck Mounted

WELL DATA
Well Diam. 1.4" ID
Depth
Screen Diam. 1.4" ID
Screen Setting
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level
Date Measured

WATER QUALITY
Samples Taken Yes No
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

Br-T sand and gravel, trace of clay
25-40-40-40

Br-T C-sand and gravel trace of silt
and clay 10-16-25-25

Br. C-sand and gravel trace of silt
14-15-16-21

no sample recovery 17-28-26-25

T C sand and gravel some silt,
trace of clay 20-47-58-60

Gr. C. sand and gravel some silt,
trace of clay 77-207 for 6"

Gr. C. sand and gravel grading to
fine sand 24-30-33-27

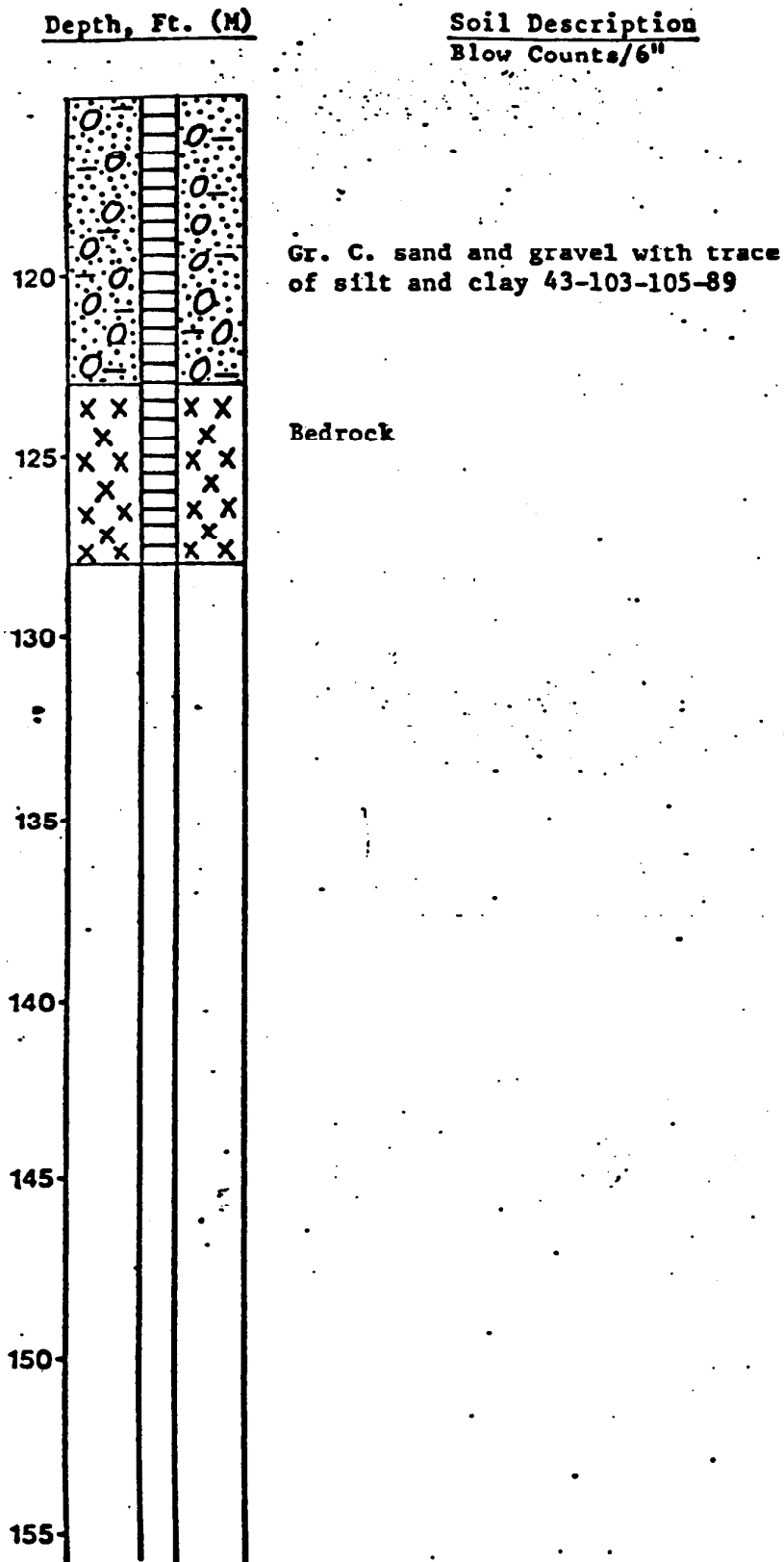
Gr.-T C sand and gravel some silt,
trace of clay 20-23-26-20

recycled paper
recycled paper

ecology and environment, inc.

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 120/4
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley



Well No. (W-8) S-8
Location

Owner U.S. EPA
Ground Elev.
Driller Geo-Metrics, Inc.
Drilling Completed
Type of Rig Truck Mounted
WELL DATA
Well Diam. 1.4" ID
Depth
Screen Diam. 1.4" ID
Screen Setting
Screen Type Schedule 80 PVC
0.01" Slot
Well Type Monitoring
Static Water Level
Date Measured
WATER QUALITY
Samples Taken Yes No
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 122
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W21) S-21
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 77' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 9/14/81
Type of Rig Truck Mounted

WELL DATA
Well Diam. 1.4" ID
Depth 31.5'
Screen Diam. 1.4" ID
Screen Setting 4'-31.5"
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 19' 4"
Date Measured 10/30/81

WATER QUALITY
Samples Taken Yes ☒ No
No. of Samples
Type of Samples Priority
Pollutant

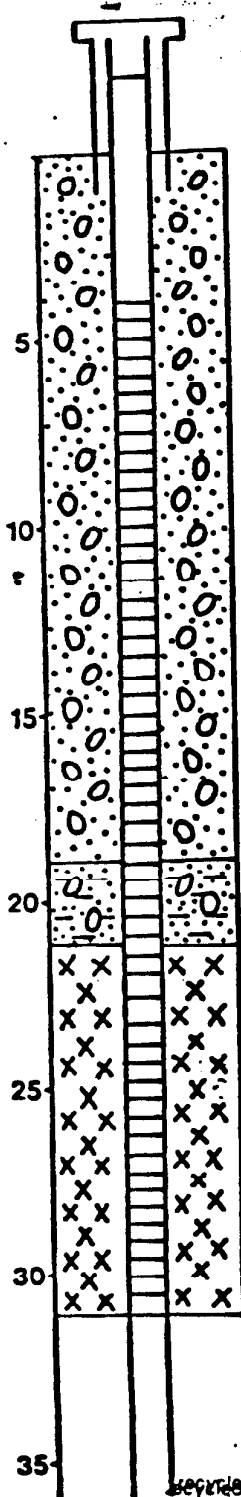
Date Sampled
Samplers
Will be Analyzed for

Sampled for Volatile
Organics 11/3/81

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



Fill 2-4-8-19

Fill 34-30-50-50

Fill, sand and gravel 17-25-35-50

Fill, sand and gravel 42-55-23-30

R-Y clay, silt and sand 28-20-100/5"

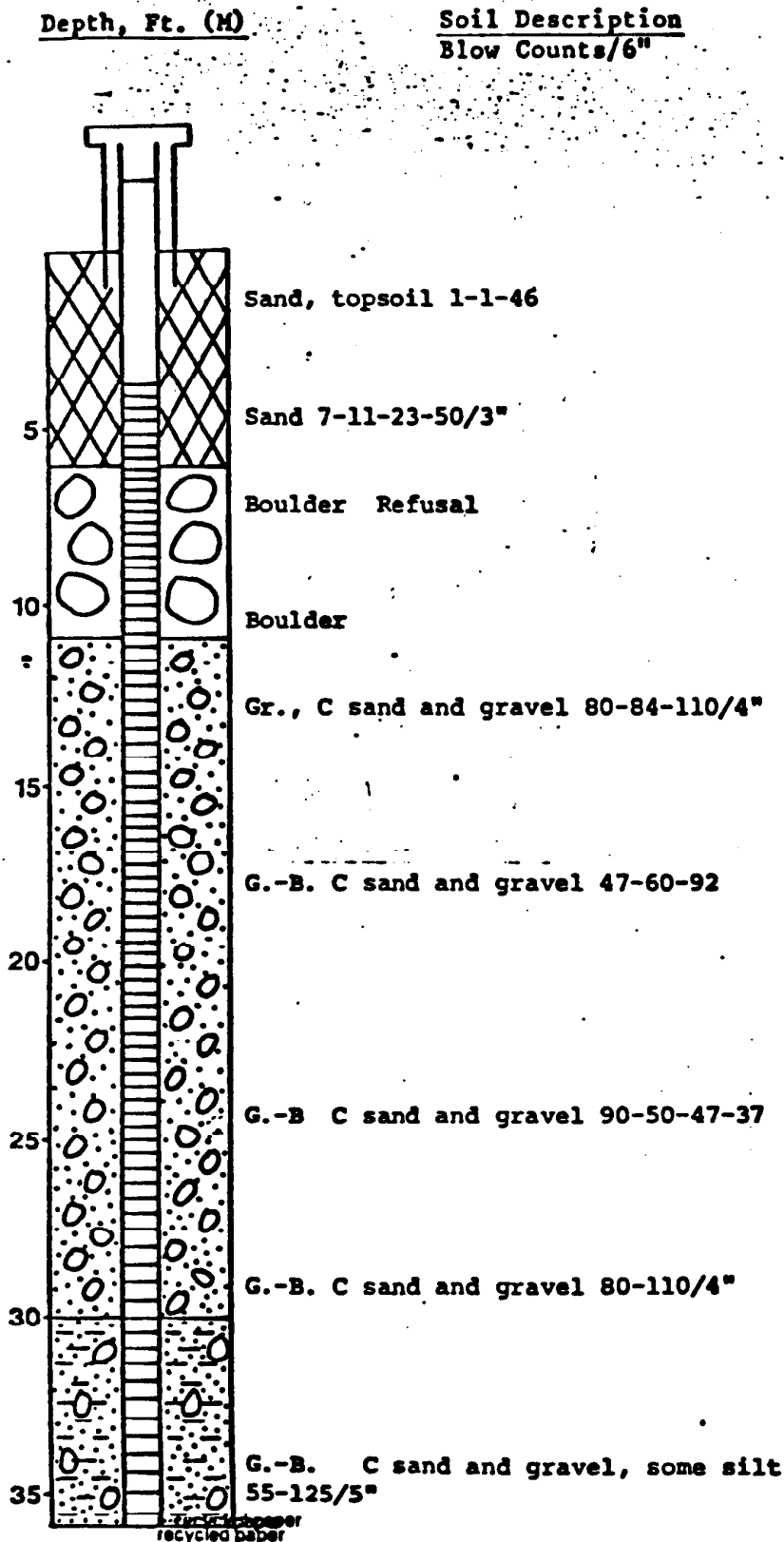
R-Y clay, silt and sand w/ some gravel
10-15-50/1"

Bedrock

recycled paper

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 127/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley



Well No. (W22) S22
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 84' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 9/22/81
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth 44' MSL
Screen Diam. 1.4" ID
Screen Setting 4'-44'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 26'
Date Measured 10/15/81

----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples
Type of Samples Priority
Pollutants

Date Sampled
Samplers
Will be Analyzed for

Sampled for Volatile Organics
11/3/81

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

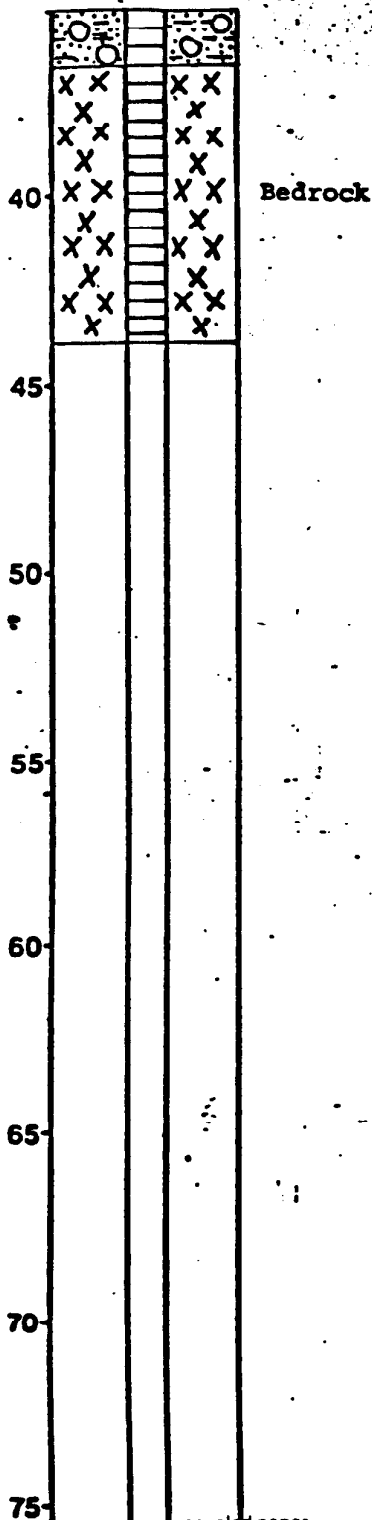
ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 127/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared _____
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W22) S22
Location _____



Owner U.S. EPA
Ground Elev. _____
Driller Geo-Metrics, Inc.
Drilling Completed _____
Type of Rig Truck Mounted
----- WELL DATA -----
Well Diam. 1.4" ID
Depth _____
Screen Diam. 1.4" ID
Screen Setting _____
Screen Type Schedule 80 PVC
0.01" Slot
Well Type Monitoring
Static Water Level _____
Date Measured _____
----- WATER QUALITY -----
Samples Taken Yes No
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
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Gr-grey
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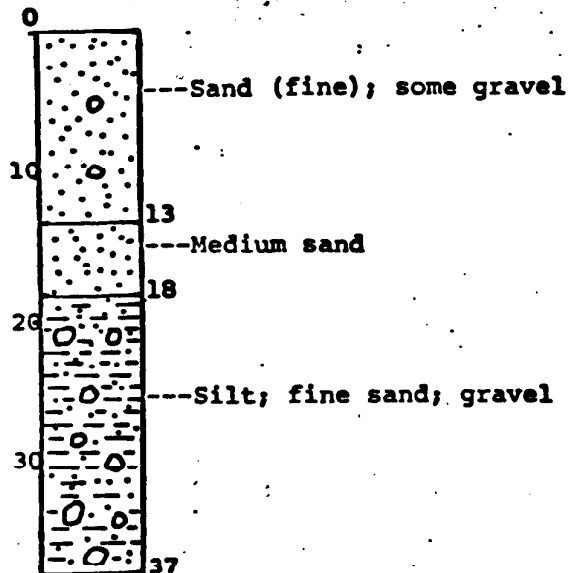
recycled paper
recycled paper

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ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 1
Project Name Woburn Well Survey
Project # TDD F1-8010-03a
Date Prepared 11/25/80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (B1) 125
Location Intersection between
(Reading) Rte. 128 and Rte. 93
Owner State of MA
Ground Elev. 109 feet
Driller _____
Drilling Completed 1955
Type of Rig _____

----- WELL DATA -----
Hole Diam. _____
Depth 37 feet
Casing Diam. _____
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Test-Unused

----- TEST DATA -----
Static Water Level 14 feet
Date Measured 6-1955
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____
----- WATER QUALITY -----
Samples Taken Yes _____ No x
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

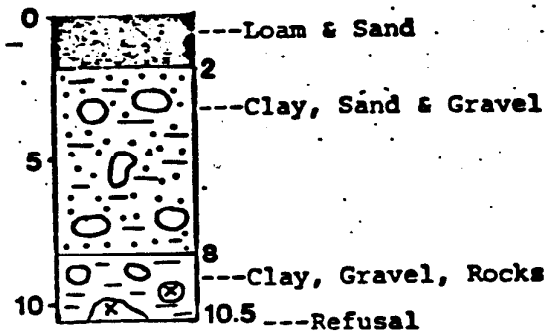
Comments _____

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 54
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 11/25/80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (B9) 119
Location Rte. 128, 1/4 mile west
of Rte. 93

Owner State of MA
Ground Elev. 119 feet
Driller
Drilling Completed 1949
Type of Rig

----- WELL DATA -----

Hole Diam.
Depth 10.4 feet
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----

Static Water Level
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No X
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

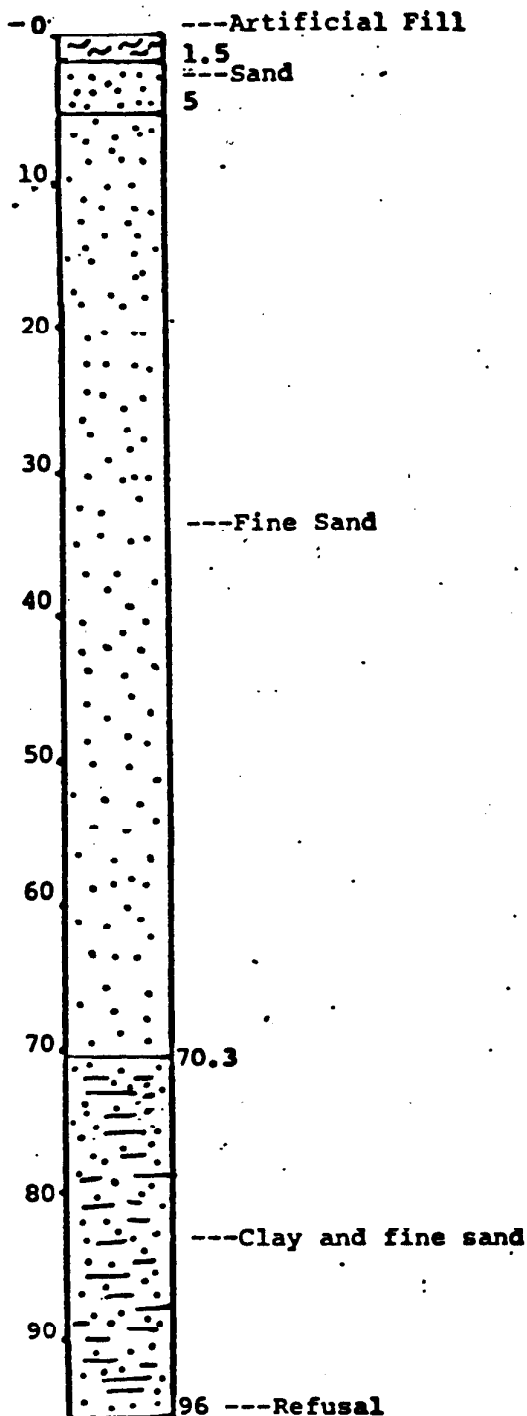
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 55
Project Name Woburn Well Survey
Project # TDD FI-8010-03A
Date Prepared 11/25/80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (B 10) 118
Location Rt. 128, one mile
west of Rt. 93

Owner State of MA
Ground Elev. 58 ft.
Driller 1949
Drilling Completed
Type of Rig

----- WELL DATA -----

Hole Diam.
Depth 96 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----

Static Water Level 11 ft.
Date Measured 9-1949
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 126/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (E41) S60
Location Woburn, MA

Owner MDC
Ground Elev. 122.4' MSL
Driller Guild Drilling Co., Inc.
Drilling Completed 8/7/81
Type of Rig Truck Mounted

WELL DATA
Well Diam. 1.4" ID
Depth 54' 1"
Screen Diam. 1.4" ID
Screen Setting 34'1"-44'1"
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 26'2"
Date Measured 10/30/81

WATER QUALITY
Samples Taken Yes x No
No. of Samples
Type of Samples Priority
Pollutants

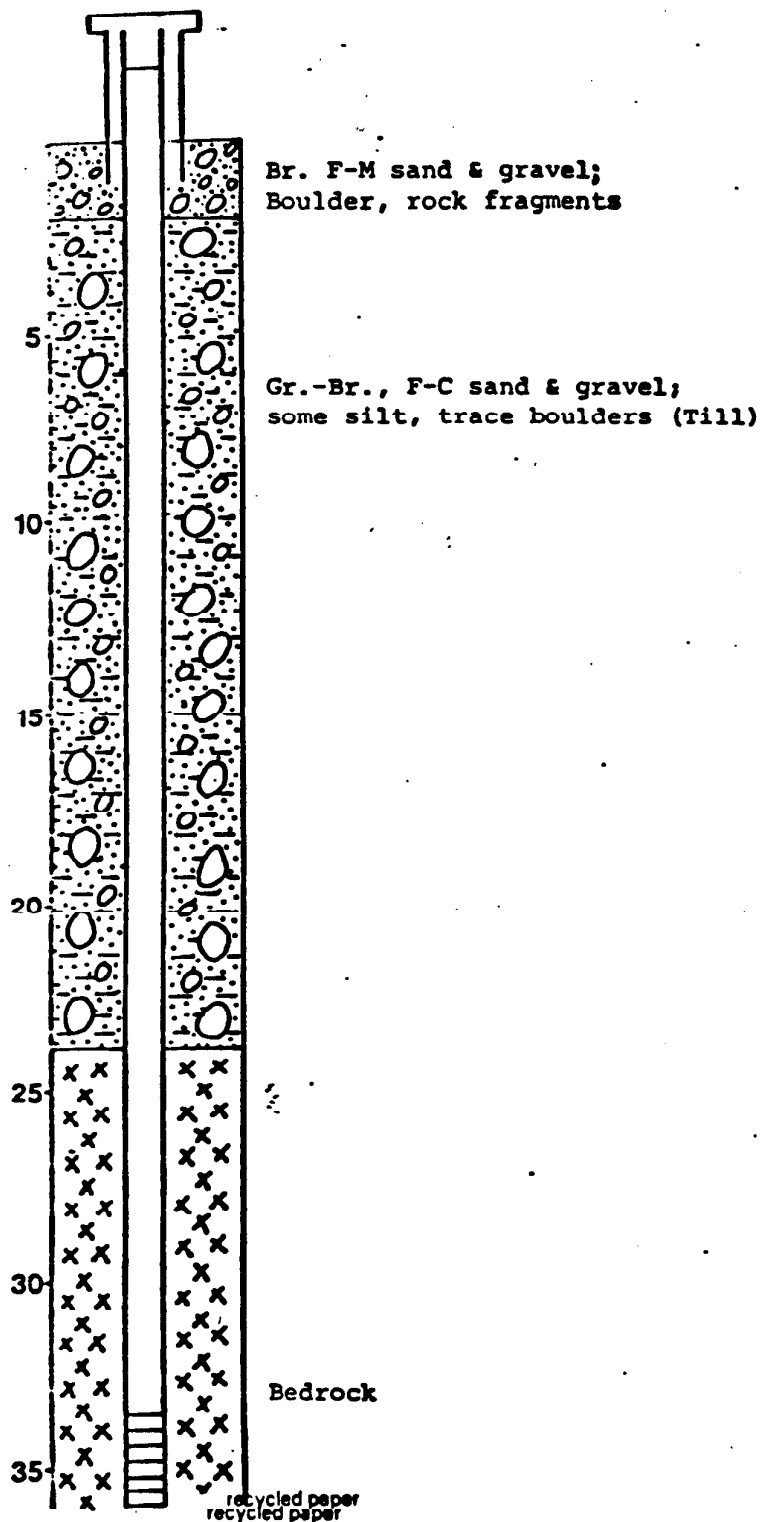
Date Sampled 11/30/81
Samplers Cook, Porter
Will be Analyzed for

Sampled for Volatile Organics
11/3/81

REMARKS

Well Log Courtesy of Haley &
Aldrich, Inc. 238 Main Street
Cambridge, MA

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Cr-grey
R-red



ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 126/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (E41) S60

Location

Owner

Ground Elev.

Driller

Drilling Completed

Type of Rig Truck Mounted

WEEL DATA

Well Diam.

Depth

Screen Diam.

Screen Setting

Screen Type

Well Type

Static Water Level

Date Measured

WATER QUALITY

Samples Taken Yes No

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10% C-Coarse Br-brown

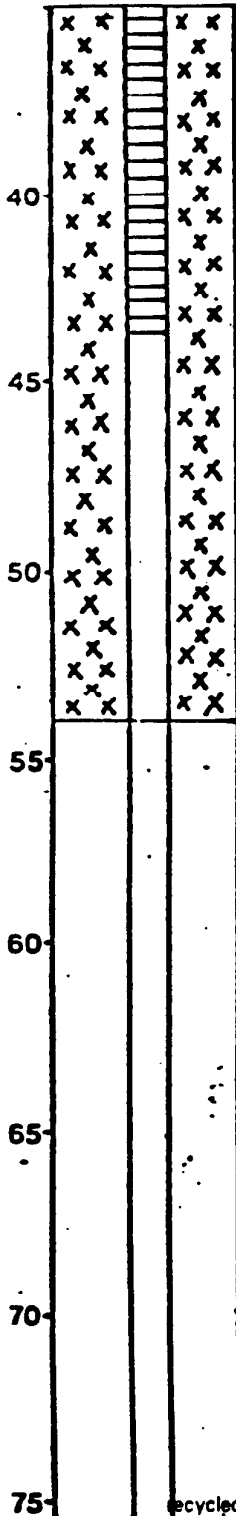
Some 10-40% M-Medium Bl-black

And 40-50% F-Fine Y-yellow

T-tan

Gr-grey

R-red



Bedrock

recycled paper
recycled paper
recycled paper

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ecology and environment, inc.

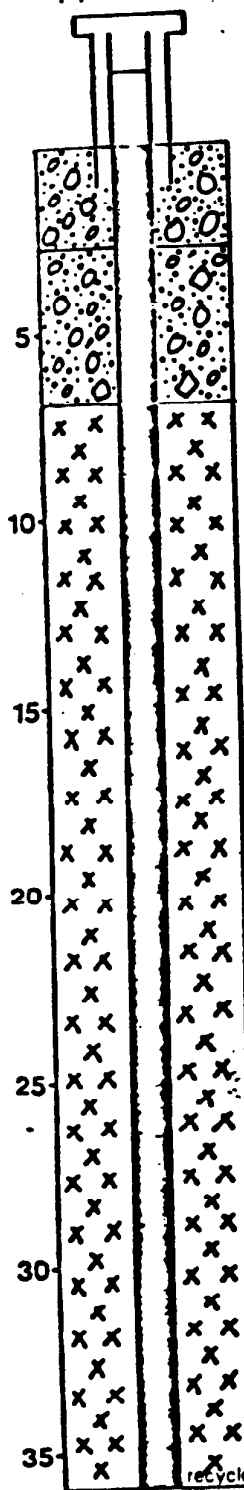
ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 128
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (E44)(Boring) 174
Location Woburn, MA



Br. F-M sand, some F-M gravel

Br. F-M sand and gravel, trace rock
or boulder fragments.

Bedrock

Owner MDC
Ground Elev. 106'2" MSL
Driller Guild Drilling Co., Inc.
Drilling Completed 8/11/81
Type of Rig Truck Mounted
WELL DATA

Well Diam.
Depth 36' 3"
Screen Diam.
Screen Setting
Screen Type

Well Type Boring
Static Water Level
Date Measured
WATER QUALITY
Samples Taken Yes No X
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

REMARKS

Boring Log Courtesy of Haley
& Aldrich, Inc., Cambridge, MA.

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

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ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 129
Project Name Woburn Well Survey
Project # TDD F-5010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. (E 45)(Boring) 175
Location Woburn, MA

Owner MNC
Ground Elev. 122.8' MSL
Driller Guild Drilling Co. Inc.
Drilling Completed 8/14/81
Type of Rig Truck Mounted
----- WELL DATA -----

Well Diam. _____
Depth 54'
Screen Diam. _____
Screen Setting _____
Screen Type _____

Well Type Boring
Static Water Level _____
Date Measured _____

----- WATER QUALITY -----
Samples Taken Yes _____ No ☒
No. of Samples _____
Type of Samples _____

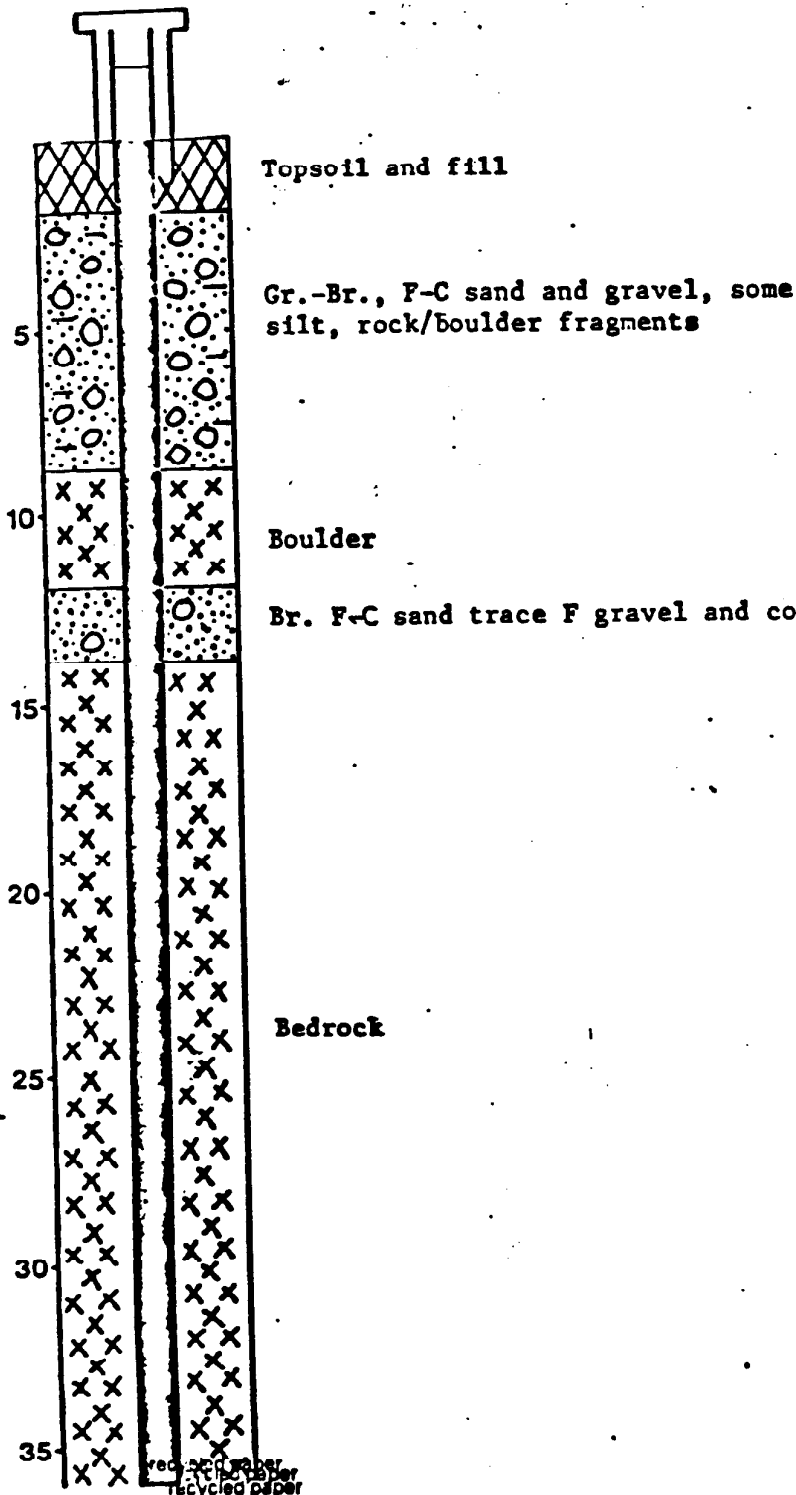
Date Sampled _____
Samplers _____
Will be Analyzed for _____

REMARKS

Boring Log Courtesy of Haley
& Aldrich, Inc. Cambridge, MA.

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



Well Log # 129
Project Name Woburn Well Survey
Project # TDD F1-5010-03A
Date Prepared
Prepared By M. Hanley

Well No. (E45) 175
Location -

ecology and environment in the R-red

REMARKS

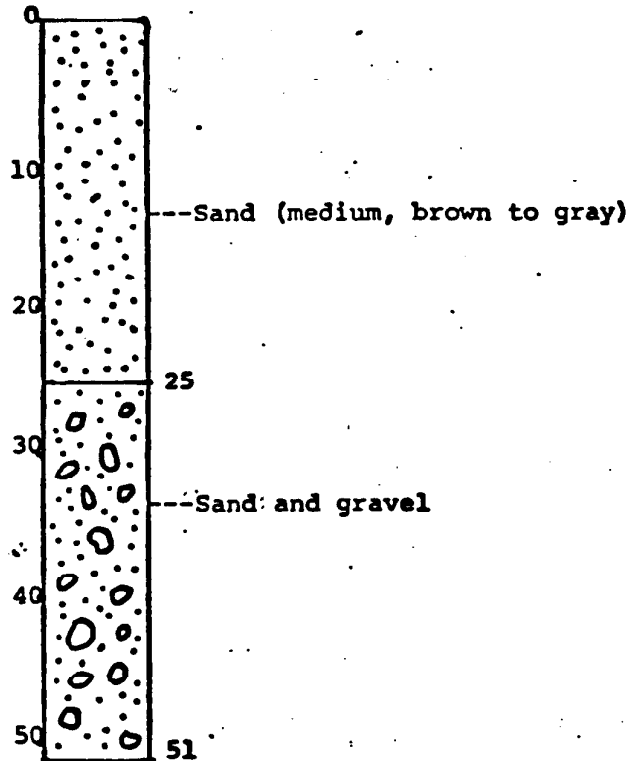
"R-red

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ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 73
Project Name Woburn Well Survey
Project # TOD F1-8010-03 A
Date Prepared 3/12/81
Prepared By W. Norman

Depth, Ft. (M) Description



Well No. (W 6) S46
Location East of RR, North of
Salem St. Wob.

Owner J.J. Riley
Ground Elev. 55 ft.
Driller
Drilling Completed 1958
Type of Rig

----- WELL DATA -----

Hole Diam. 24 in.
Depth 51 ft.

Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial

----- TEST DATA -----

Static Water Level 5 ft.
Date Measured 1958

Pumping Depth
Test Duration
Pumping Rate 750 GPM
Test Date

Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes ☒ No
No. of Samples 6
Type of Samples
Priority Scan

Date Sampled 11/14/1980
Samplers clay & Cook
Will be Analyzed for
129 Priority Pollutants

Split Samples to J.J. Riley

Comments

----- REMARKS -----

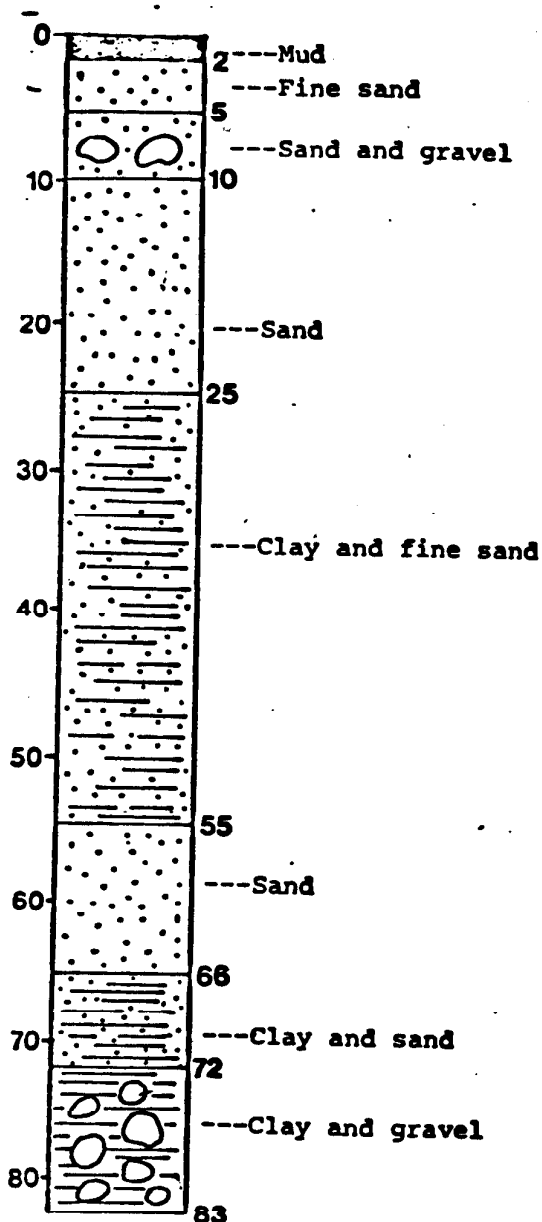
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 78
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (W 63) 114
Location Within Halls Brook
(former Mishwum Lake)
Owner Well no longer exists
Ground Elev. 70 ft.
Driller
Drilling Completed 1936
Type of Rig

----- WELL DATA -----
Hole Diam. 18 in.
Depth 83 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial-Unused

----- TEST DATA -----
Static Water Level 6 ft.
Date Measured ?
Pumping Depth
Test Duration
Pumping Rate 1000 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

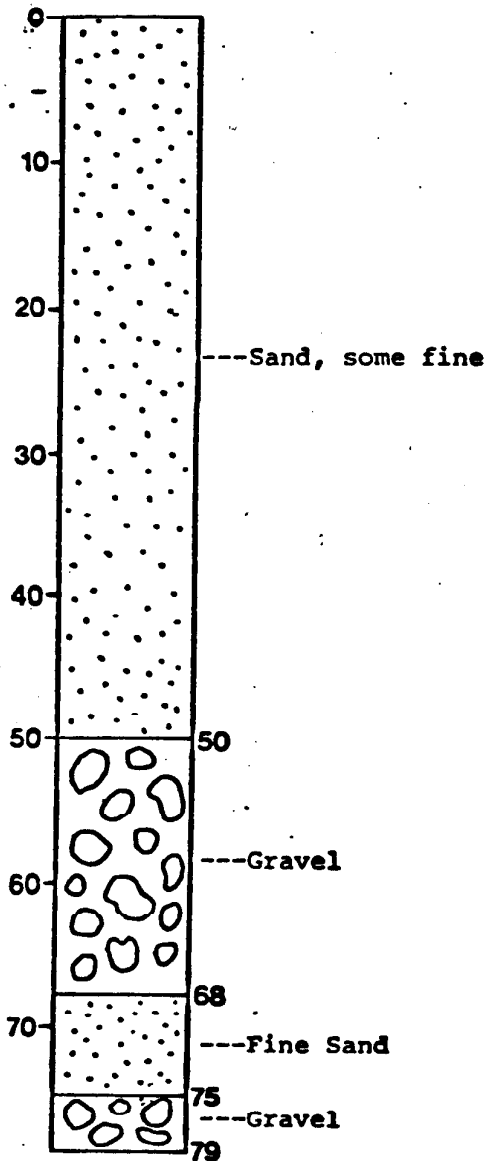
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 79
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W64) 115
Location Within Halls Brook
(former Mishawum Lake)
Owner Well no longer exists
Ground Elev. 70 ft.
Driller
Drilling Completed 1937
Type of Rig

----- WELL DATA -----
Hole Diam. 24 in.
Depth 78 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial

----- TEST DATA -----
Static Water Level 6
Date Measured ?
Pumping Depth
Test Duration
Pumping Rate 350 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes x No
No. of Samples
Type of Samples
Standard Water Quality

Date Sampled 10/21/58
Samplers
Will be Analyzed for

Split Samples to

Comments

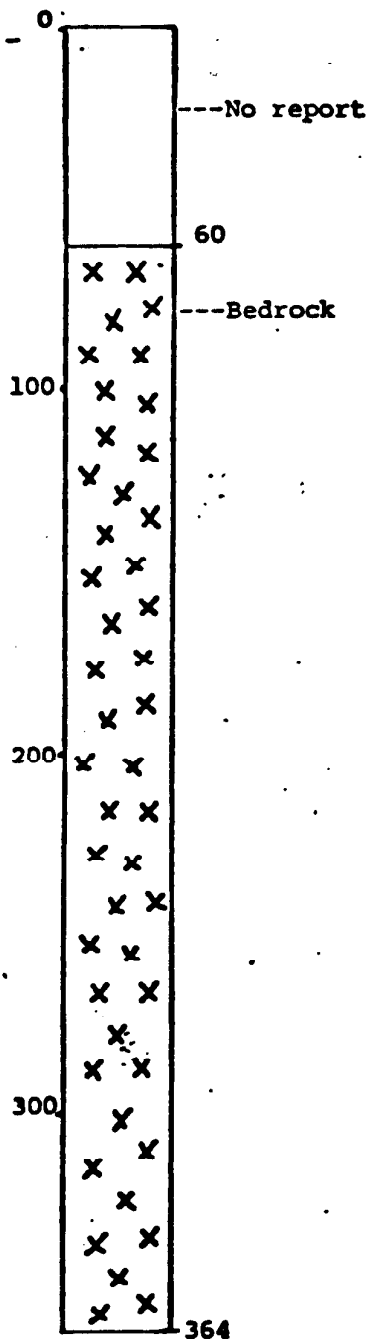
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 87
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 11/18/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (W 263) 127
Location 600 ft. NE of Golden
School in East Woburn
Owner Johnson Bros. (Cummings)
Ground Elev. 75' MSL
Driller
Drilling Completed 1958
Type of Rig

----- WELL DATA -----

Hole Diam. 8 in.
Depth 364 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Irrigation

----- TEST DATA -----

Static Water Level
Date Measured
Pumping Depth
Test Duration
Pumping Rate 110 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

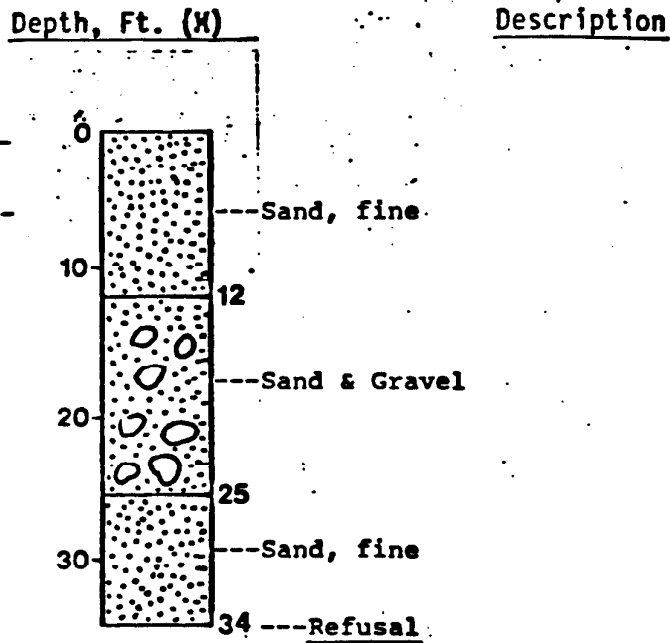
Comments

----- REMARKS -----

Paved Over
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 93
Project Name Woburn Well Survey
Project # TOD F1-8010-03A
Date Prepared 3/11/81
Prepared By R. DiNitto



Well No. (w 364) S44
Location - Woburn, North of
Forbes Road
Owner Independent Tallow
Ground Elev. 85 ft.
Driller
Drilling Completed 1940
Type of Rig

----- WELL DATA -----
Hole Diam. 24 in.
Depth USGS 24 ft. Log 34 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial

----- TEST DATA -----
Static Water Level 5 ft.
Date Measured 12/2/80
Pumping Depth 170 GPM
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples 6
Type of Samples Priority scan

Date Sampled 12/2/80
Samplers P. Cook, P. Clay
Will be Analyzed for
129 Priority Pollutants

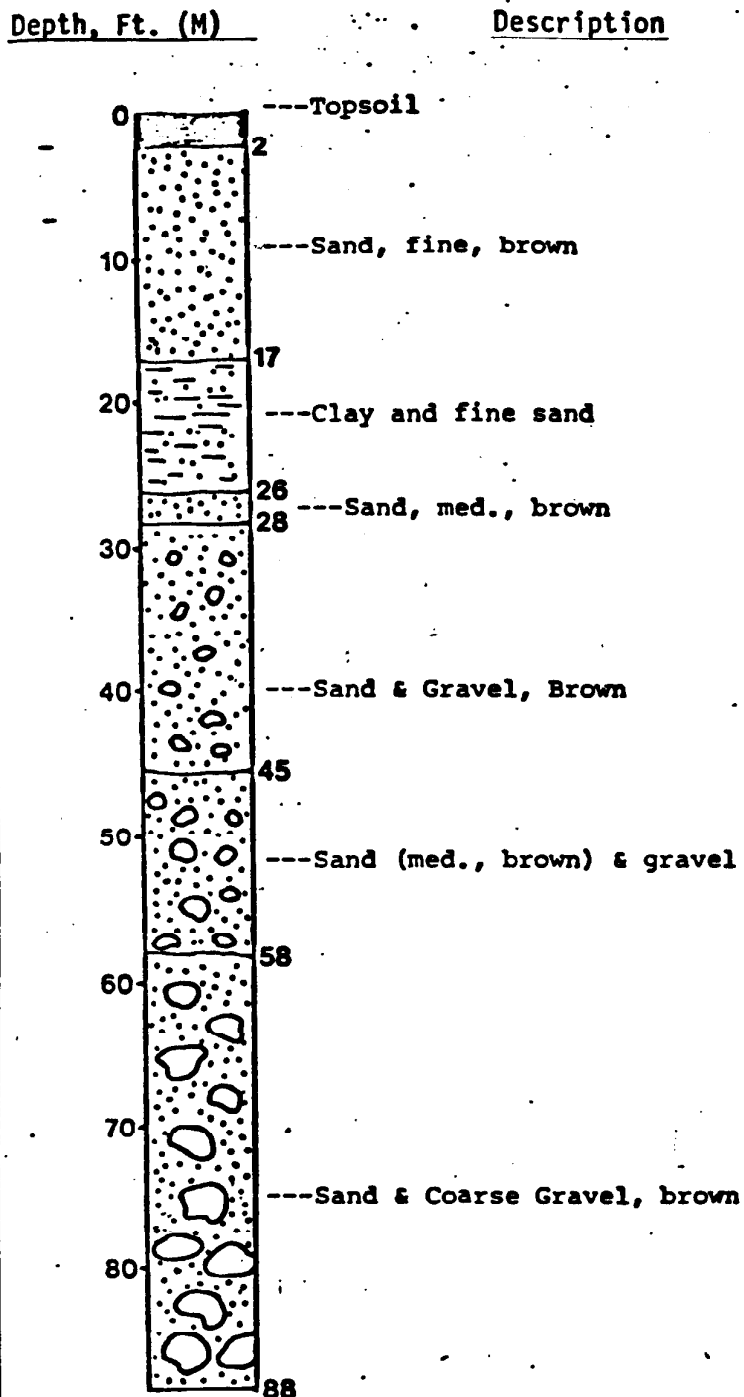
Split Samples to

Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 105
Project Name Woburn Well Survey
Project # TOD F1-8010-03A
Date Prepared 3/11/81
Prepared By R. DiNitto



Well No. (W 419) S40
Location City Well "G" North
of Salem St., East of Aberjona
Owner City of Woburn
Ground Elev. 45 ft.
Driller Maher
Drilling Completed 1967
Type of Rig

WELL DATA
Hole Diam. 24 in.
Depth 88 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting Gravel Wall ?
Screen Type Commercial
Well Type Water Withdrawal

TEST DATA
Static Water Level 1 ft.
Date Measured
Pumping Depth
Test Duration
Pumping Rate 800 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

WATER QUALITY
Samples Taken Yes x No
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 1/29/81
Samplers R. Palermo, J. Panaro
Will be Analyzed for
129 Priority Pollutants

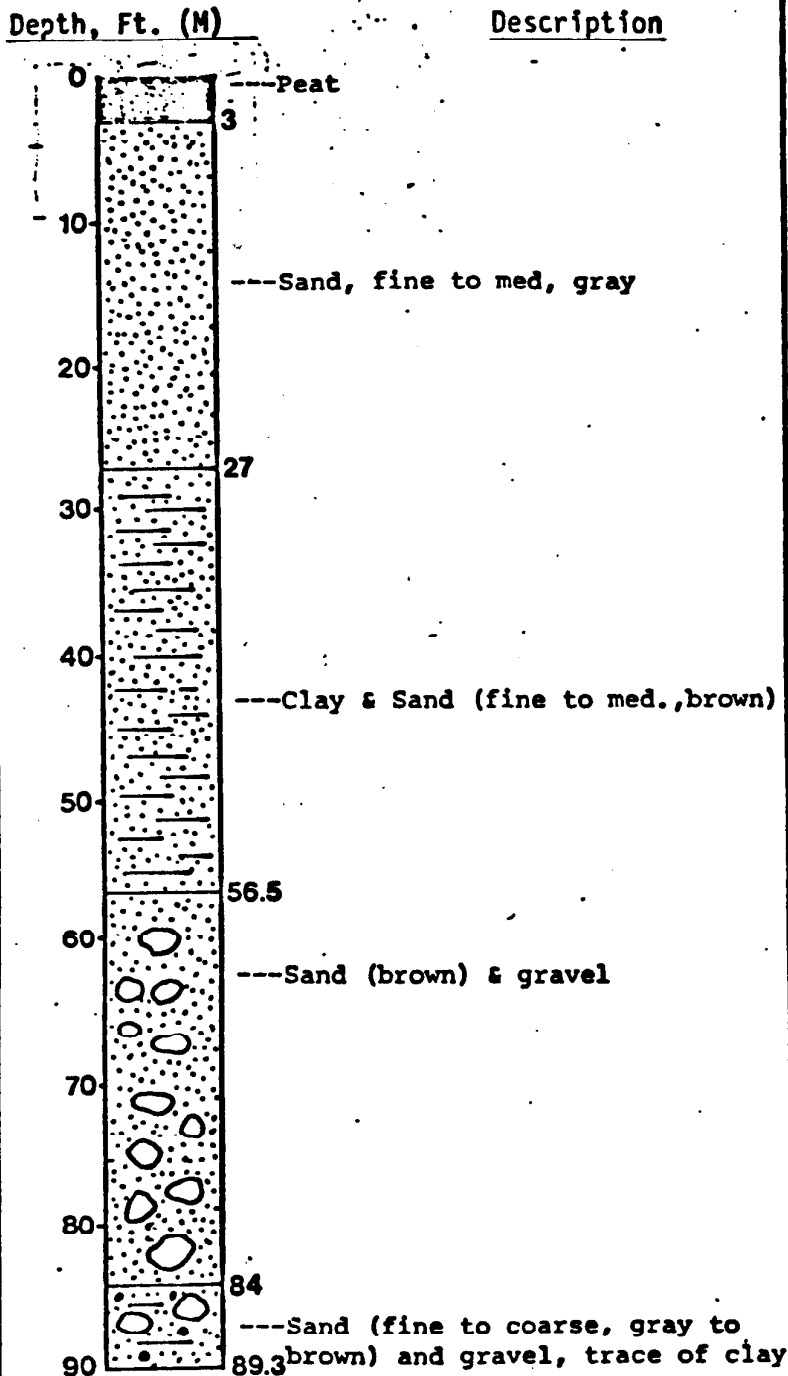
Split Samples to

Comments

REMARKS
From Delaney and Gav (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 106
Project Name Woburn Well Survey
Project # T00 F1-8010-03A
Date Prepared 3/11/81
Prepared By R. DiNitto



Well No. (W 420) S39
Location North of Salem Street
East of Aberjona River
Owner City of Woburn "H"
Ground Elev. 45 ft.
Driller Maher
Drilling Completed 1964
Type of Rig
----- WELL DATA -----
Hole Diam. 24 in.
Depth 89.3 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Water withdrawal
----- TEST DATA -----
Static Water Level 1 ft.
Date Measured
Pumping Depth
Test Duration
Pumping Rate 700 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes ☒ No ☐
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 1/29/81
Samplers R. Palermo, J. Panaro
Will be Analyzed for
129 Priority Pollutants

Split Samples to

Comments

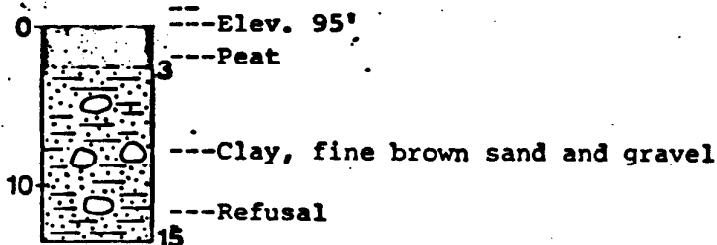
----- REMARKS -----
From Delaney and Gaw (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

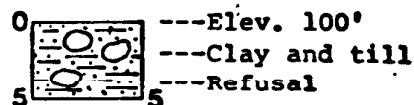
Well Log # 114
Project Name Woburn Well Survey
Project # TOD FI-8010-03 A
Date Prepared 11/25/80
Prepared By R. DiNitto

Depth, Ft. (M) Description

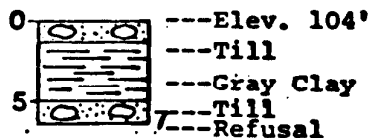
W430 122



W431



W432



Well No. (W 430-432) 122, 120, 12
Location Hurlbert Datsun
(formerly Salada Tea)

Owner Washington St. South
Ground Elev. 95 feet

Driller
Drilling Completed 1958
Type of Rig

WELL DATA
Hole Diam. 2 in.
Depth 15 ft., 5 ft., 7 ft.

Casing Diam.
Casing Depth

Screen Diam.
Screen Setting

Screen Type
Well Type Test-Unused

TEST DATA
Static Water Level 0 ft., 3ft.,

Date Measured 12-98
Pumping Depth

Test Duration
Pumping Rate

Test Date
Test Type

Pump Setting
Specific Gravity

Final Pump Capacity
Final Pump Setting

Average Pumpage
WATER QUALITY

Samples Taken Yes No x

No. of Samples
Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

REMARKS

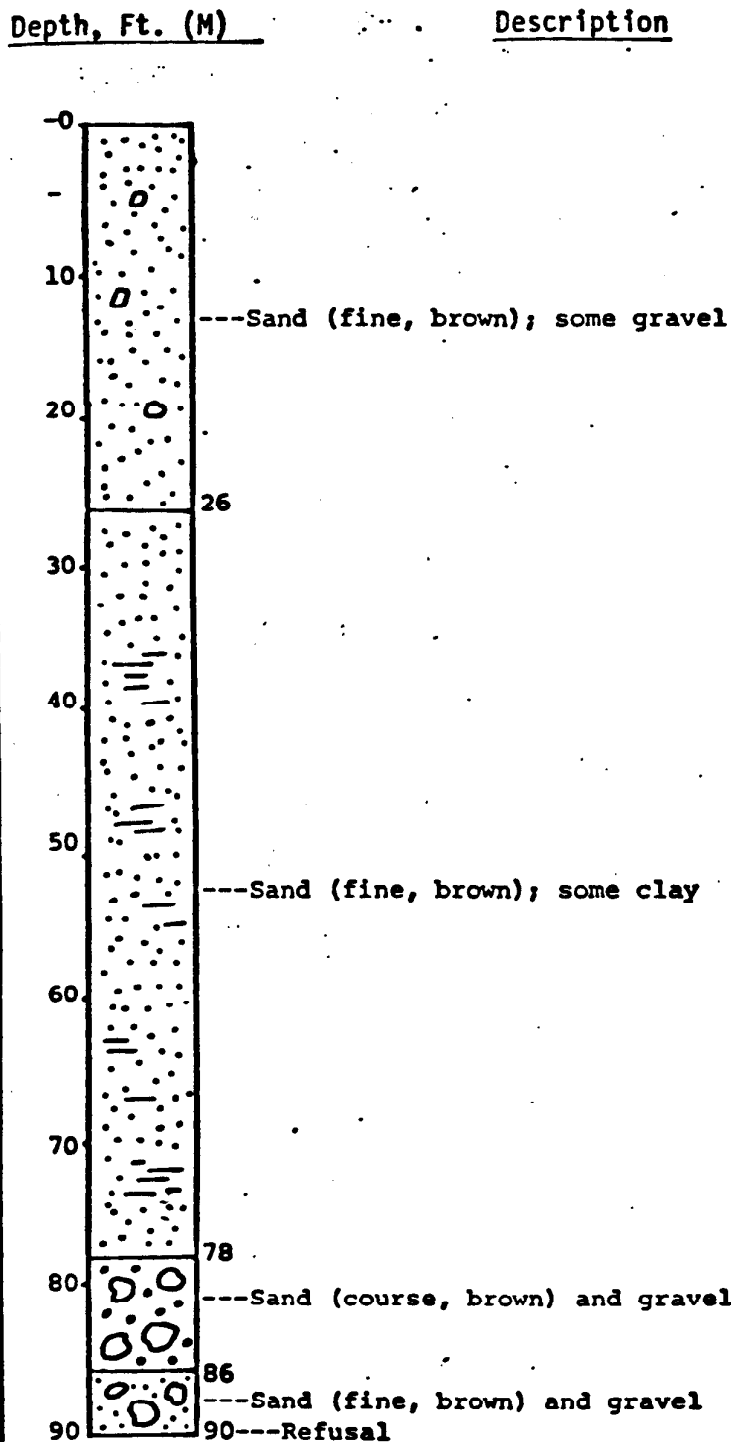
From Delaney and Gay (1980)

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ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 115
Project Name Woburn Well Survey
Project # 100 F1-8010-03A
Date Prepared 11/18/80
Prepared By R. DiNitto



Well No. (W 435) 126
Location Southside Olympia
Ave. just west of RR
Owner Lamont
Ground Elev. 50 Ft.
Driller
Drilling Completed 1969
Type of Rig

----- WELL DATA -----
Hole Diam. 2 in.
Depth 90 ft. Log.86 (USGS)
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----
Static Water Level 6 ft.
Date Measured 5-69
Pumping Depth
Test Duration 3 hrs.
Pumping Rate 36 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

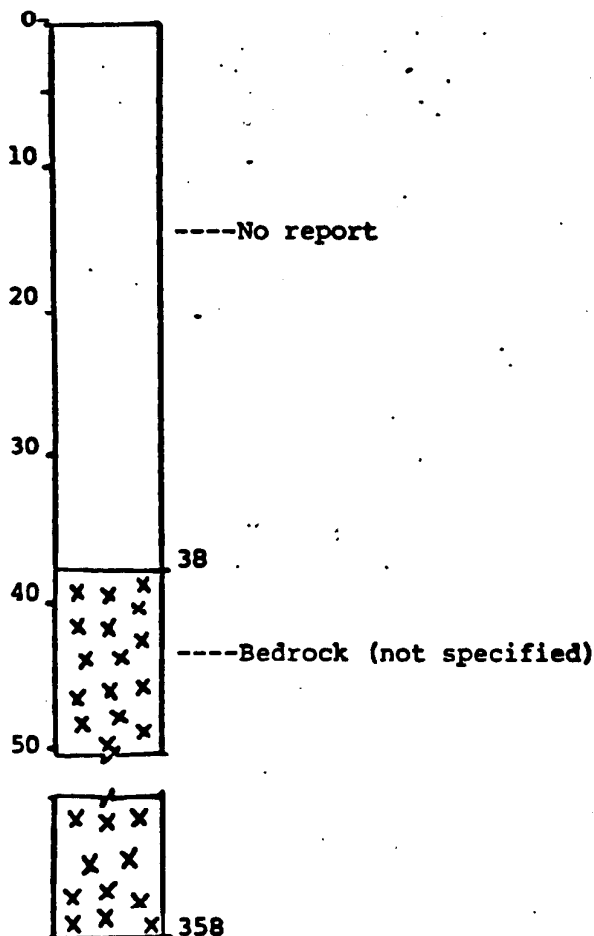
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 116
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/18/80
Prepared By R. DiNitto

Depth, Ft. (M) Description



recycled paper
recycled paper

Well No. (W 436) S41
Location Wob. 800 ft. east of
Well # W 419
Owner N.E. Plastics
Ground Elev USGS - 60' MSL
Driller _____
Drilling Completed 1962
Type of Rig _____

----- WELL DATA -----
Hole Diam. 6 in.
Depth 358 ft.
Casing Diam. _____
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Industrial

----- TEST DATA -----
Static Water Level 15 ft.
Date Measured 2-62
Pumping Depth _____
Test Duration _____
Pumping Rate 45 GPM
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----
Samples Taken Yes No
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 1/23/81
Samplers P. Clay, J. Panaro
Will be Analyzed for
129 Priority Pollutants

Split Samples to _____

Comments _____

----- REMARKS -----
From Delaney and Gay (1980)

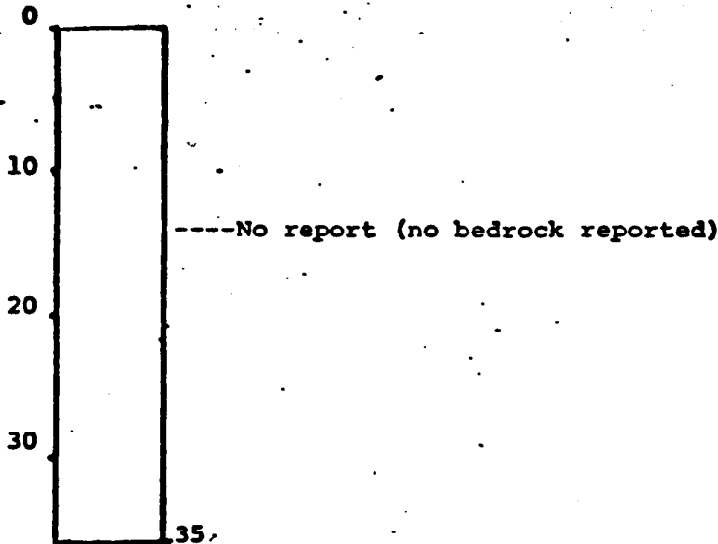
ecology and environment
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 118
Project Name Woburn Well Survey
Project # TOD F1-8010-03A
Date Prepared 11/18/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (w 439) S47
Location 300 Ft. North of Salem
St. Woburn

Owner J.J. Riley
Ground Elev. 55 ft.
Driller
Drilling Completed 1945
Type of Rig

----- WELL DATA -----

Hole Diam. ?
Depth 35 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial

----- TEST DATA -----

Static Water Level 5 ft.
Date Measured
Pumping Depth
Test Duration
Pumping Rate 500 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes ☒ No
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 11/14/1980
Samplers P. Clay, D. Cook
Will be Analyzed for
129 Priority Pollutants

Split Samples to J.J. Riley

Comments

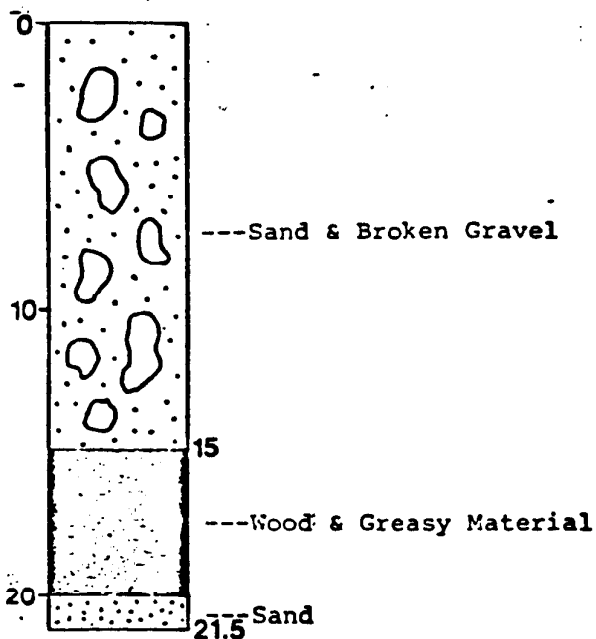
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 119
Project Name Woburn Well Survey
Project # TDD FI-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (X4) 169
Location Corner of Mishawum
Road and Commerce Way
Owner Well no longer exists
Ground Elev. 55 ft.
Driller
Drilling Completed -
Type of Rig

----- WELL DATA -----

Hole Diam. NA
Depth 21.5 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----

Static Water Level
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No X
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----
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