JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	ADT & Subsurface	Casing Size:	4.5-inch ID	Boring #.	MW-301
Drilling Method:	Davy DK-50 Mobile Unit & HSA	LEL/O2:		Date Begun:	09/13/2000
Ground Elevation:	99.8 (ft AD)	Checked By:		Completed:	01/08/2001
Logged By:	AES	Protection Level:	D	Depth to Water:	15 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification	Well Construction
1				0.0	Test pit hand dug to 5 feet bls.				4-inches Concrete		
2				0.0					4" - 5' Brown f-c Silty-sand,	FILL	
3				0.0					trace gravel, trace brick,		
4				0.0							
5				0.0							
6	5 - 7	S-1	1/24	0.0	9	4	4	4	F-C Sandy Silt w/ Gravel	SW-SM	
7									loose, dark brown	7	
8	7 - 9	S-2	8/24	5.5	9	9	9	13	Sandy Silt and Clayey Silt	ML	
9									med. dense, gray and reddish-brn	9	
10	9 - 11	S-3	21/24	32.6	8	17	14	15	Silty F-MSand, trace gravel	SW-SM	
11									dense, olive grey		
12	11-13	S-4	23/24	5.8	14	21	13	12	Silty F-C Sand, trace gravel	SW-SM	
13									dense, gray brown		
14	13 - 15	S-5	20/24	5.3	14	17	17	16	Same as above, dense	SW-SM	
15											
16	15 - 17	S-6	18/24	4.0	11	17	13	17	Same as above.	SW-SM	
17										17	
18	17 - 19	S-7	0/24	-	21	50	50	1	No Recovery.		
19											
20	19 - 21	S-8	12/24	1.2	53	70	50	1	Silty Sand, trace gravel	SW-SM	
21									very dense, dark brown		
22	21 -23	S-9		0.8	37	46	100/4		Silty Sand, trace gravel	SW-SM	
23									very dense gray brown - slight		
24									oil odor.		
25		Bottom of Boring at 23 feet									
26											
27											
28											
29											
30											

Well Screen	10 slot schedule 40, 2" PVC	23 -13
Filter Pack	#10 Morie Sand	23 -10
Divider Seal	Bentonite Pellets	10 - 1
Surface Seal	Bentonite/Flush-Mount Casing	1 - 0

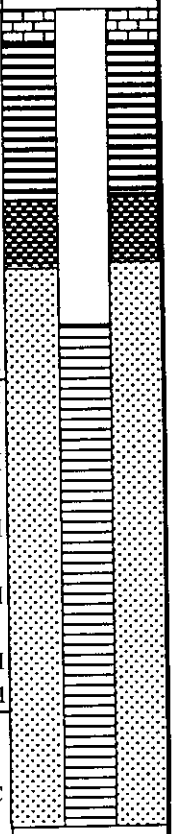
NOTES:

Sample interval 9-11 ft and 15-17 selected for Laboratory Analysis.

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	ADT	Casing Size:	4.5-inch ID	Boring #.	MW-302
Drilling Method:	Davy DK-50 Mobile Unit	LEL/O2:		Date Begun:	09/14/2000
Ground Elevation:	99.3 (ft AD)	Checked By:		Completed:	09/14/2000
Logged By:	AES	Protection Level:	D	Depth to Water:	16 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification
1				0.0	Hand dug to 5 feet.				4-inches Concrete	
2				0.0					4" - 5' Brown f-c Silty-sand,	
3				0.0					trace gravel, trace brick,	FILL
4				0.0						
5				0.0						
6	5 - 7	S-1	12/24	0.6	11	15	7	9	Silty F-C Sand w/Gravel	SW-SM
7									med dense, dark brown	
8	7 - 9	S-2	14/24	2.7	21	16	12	12	Same as above.	SW-SM
9										
10	9-11	S-3	16/24	0.7	18	8	8	7	9-9.2' Mottled gray Sandy Silt	
11									9.2-11' Same as previous	11
12	11-13	S-4	23/24	0.7	15	17	15	10	11-12.2' Silty Sand, tr Gravel, gray	SW-SM
13									12.2-13' Silty F-C Sand, yellow-brn	
14	13-15	S-5	22/24	3.1	24	23	20	21	Silty F-D Sand, dense, gray	SW-SM
15									and red-brown. Slight oily odor.	
16	15-17	S-6	12/24	0.6	7	9	11	12	Same as above, slight oily odor	SW-SM
17										
18	17-19	S-7	14/24	0.0	21	15	25	26	Same as above, dense	SW-SM
19										
20	19-21	S-8	6/24	0.0	18	12	15	31	Same as above, med dense.	SW-SM
21										21
22										
23										
24	23-25	S-10	5/24	0.3	15	10	14	23	Clayey Silt and Silty F-M Sand.	SW-SC
25									Trace gravel.	
26										
27										
28										
29										
30										



Well Screen	10 slot schedule 40, 2" PVC	24.5 - 9.5
Filter Pack	#10 Morie Sand	25 - 7.5
Divider Seal	Bentonite Pellets	7.5 - 5.5
Annular Seal	Bentonite/Cement Grout	5.5 - 1
Surface Seal	Concrete/Flush-Mount Casing	1 - 0

NOTES:

Sample interval 13-14 & 17-19 selected for laboratory analysis.

Cobble layer 21 - 23 ft bls

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	ADT	Casing Size:	4.5-inch ID	Boring #.	MW-303
Drilling Method:	Davy DK-50 Mobile Unit	LEL/O2:		Date Begun:	09/15/2000
Ground Elevation:	99.7 (ft AD)	Checked By:		Completed:	09/15/2000
Logged By:	AES	Protection Level:	D	Depth to Water:	12 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification	Well Construction
1				0.0	Hand dug to 5 feet				4-inches Concrete		
2				0.0					4" - 5' Brown f-c Silty-sand,	FILL	
3				0.0					trace gravel, trace brick,		
4				0.0							
5				0.0						5	
6	5 - 7	S-1	15/24	0.0	8	9	6	8	Silty F-M Sand, trace Gravel	SW-SM	
7									med. dense, reddish-brn		
8	7 - 9	S-2	24/24	0.0	6	10	12	28	Same As Above	SW-SM	
9											
10	9 - 11	S-3	10/24	0.0	8	15	16	22	Same As Above, dense	SW-SM	
11											
12	11 - 13	S-4	24/24	0.0	16	20	21	28	Same As Above	SW-SM	
13											
14	13 - 15	S-5	22/24	0.0	7	8	12	14	Same As Above, med. dense	SW-SM	
15											
16	15 - 17	S-6	6/24	0.0	6	5	8	16	Same As Above	SW-SM	
17										17	
18	17 - 19	S-7	6/18	0.0	12	14	18	-	Silty F-C Sand, trace Gravel	SW-SM	
19									dense, dark brown		
20	19 - 21	S-8	21/24	0.0	13	18	17	21	Same As Above.	SW-SM	
21											
22	21 - 23	S-9	18/24	0.0	12	8	17	21	Silty Sand & Sandy Silt, tr Grav.	SW-SC	
23									tr Clay, med. dense, dk brn		
24	23 - 25	S-10	18/24	0.0	18	21	20	26	Same As Above, dense		
25		Bottom of Boring at 25 feet									
26											
27											
28											
29											
30											

Well Screen	10 slot schedule 40, 2" PVC	25 - 10
Filter Pack	#10 Morie Sand	25 - 7
Divider Seal	Bentonite Pellets	7 - 5
Annular Seal	Bentonite/Cement Grout	5 - 1
Surface Seal	Bentonite/Flush-Mount Casing	1 - 0

NOTES:

Sample interval at 13-15 & 23-25 selected for laboratory analysis.

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	ADT	Casing Size:	4.5-inch ID	Boring #.	MW-304
Drilling Method:	Davy DK-50 Mobile Unit	LEL/O2:		Date Begun:	09/18/2000
Ground Elevation:	99.7 (ft AD)	Checked By:		Completed:	09/18/2000
Logged By:	AES	Protection Level:	D	Depth to Water:	16 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification	Well Construction
1				0.0	Hand dug to 5 feet				4-inches Concrete		
2				0.0					4" - 5' Brown f-c Silty-sand,	FILL	
3				0.0					trace gravel, trace brick,		
4				0.0							
5				0.0							
6	5 - 7	S-1	0/24	N/A	4	6	3	7	No recovery.		
7										7	
8	7 - 9	S-2	4/24	2.3	4	7	6	5	Silty F-M Sand, trace Gravel	SW-SM	
9									med. dense, red-brown		
10	9 - 11	S-3	8/24	2.5	12	17	16	21	Same as above, dense.	SW-SM	
11											
12	11 - 13	S-4	20/24	0.2	14	16	18	20	Same as above.	SW-SM	
13											
14	13 - 15	S-5	22/24	0.0	10	11	16	13	13-14' Same as above	SW-SM	
15									14-15' Silty F-M Sand, tr Gravel, red-brn		
16	15 - 17	S-6	7/24	0.0	6	12	15	20	Silty C Sand, med. dense, red-brn	SW-SM	
17										17	
18	17 - 19	S-7	1/14	0.0	20	7	50/2"		Silty F-C Sand, trace Gravel	SW-SM	
19									very dense, gray-brown		
20	19 - 21	S-8	7/24	0.0	18	17	14	22	Silty F-M Sand & Sandy Silt, tr	SW-SM	
21									Gravel, dense, dark brown		
22	21 - 23	S-9	8/10	0.0	41	50/4"			Same as above, very dense	SW-SM	
23											
24	23 - 25	S-10	12/24	0.0	16	24	23	17	Same as above, dense.	SW-SM	
25											
26		Bottom of Boring at 25 feet									
27											
28											
29											
30											

Well Screen	10 slot schedule 40 PVC	25 - 10
Filter Pack	#10 Morie Sand	25 - 7
Divider Seal	Bentonite Pellets	7 - 5
Annular Seal	Bentonite/Cement Grout	5 - 1
Surface Seal	Bentonite/Flush-Mount Casing	1 - 0

NOTES:
Sample interval at 13-15 & 19-21 selected for laboratory analysis.

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	ADT	Casing Size:	4.5-inch ID	Boring #.	MW-305
Drilling Method:	Davy DK-50 Mobile Unit	LEL/O2:		Date Begun:	09/19/2000
Ground Elevation:	97.3 (ft AD)	Checked By:		Completed:	09/19/2000
Logged By:	AES	Protection Level:	D	Depth to Water:	17 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID-Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification	Well Construction
1				0.0	Hand dug to 5 feet				4-inches Concrete		
2				0.0					4" - 5' Brown f-c Silty-sand,	FILL	
3				0.0					trace gravel, trace brick,		
4				0.0							
5				0.0							
6	5 - 7	S-1	8/24	0.3	7	5	5	6	Silty F-C Sand, trace Gravel	SW-SM	
7									loose, dark brown	7	
8	7 - 9	S-2	8/24	0.0	6	5	3	5	Silty F-C Sand, trace gravel	SW-SM	
9									loose, orange-brn to red-brn		
10	9 - 11	S-3	4/24	0.0	4	8	10	9	Same as above, med. dense	SW-SM	
11											
12	11 - 13	S-4	8/24	0.0	12	14	16	16	Same as above, dense.	SW-SM	
13										13	
14											
15											
16											
17											
18											
19	18 - 20	S-5	12/24	0.0	14	18	22	29	Silty F-C Sand, trace Gravel	SW-SM	
20									dense, brown and orange-brown		
21	20 - 22	S-6	7/24	0.0	18	19	26	28	Silty F-M Sand, trace Gravel	SW-SM	
22									dense, brick red		
23											
24											
25		Bottom of Boring at 25 feet									
26											
27											
28											
29											
30											

Well Screen	10 slot schedule 40 2" PVC	25 - 10
Filter Pack	#10 Morie Sand	25 - 7
Divider Seal	Bentonite Pellets	7 - 5
Annular Seal	Bentonite/Cement Grout	5 - 1
Surface Seal	Bentonite/Flush-Mount Casing	1 - 0

Notes:
Sample interval at 11-13 & 18-20 selected for laboratory analysis.

Cobble layer 13 - 18 feet

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: White Plains Environmental				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	EPI	Casing Size:	4.5-inch ID	Boring #.	MW-306
Drilling Method:	DP (Hurricane)	LEL/O2:		Date Begun:	09/19/2000
Ground Elevation:	97.5 (ft AD)	Checked By:	MSG	Completed:	01/15/2001
Logged By:	BPB	Protection Level:	D	Depth to Water:	17 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification
1				0.0	Hand dug to 5 feet				4-inches Concrete	
2				0.0					4" - 5' Brown f-c Silty-sand, trace gravel, trace brick,	FILL
3				0.0						
4				0.0						
5				0.0						
6	5 - 7	S-1	4/24	2.8	6	8	7	10	Silty F-M Sand, trace Gravel	SW-SM
7									med. dense, dark brown	7
8	7 - 9	S-2	6/24	1.3	16	13	18	12	SiltyF-M Sand, trace Gravel.	SW-SM
9									dense, reddish-brown	
10	9 - 11	S-3	9/24	0.8	4	4	4	4	Same as above, loose	SW-SM
11										
12	11 - 13	S-4	3/24	0.8	4	8	4	3	Same as above, med dense	SW-SM
13										
14	13 - 15	S-5	9/24	1.0	4	4	8	8	Same as above.	SW-SM
15										15
16	15 - 17	S-6	13/24	11.5	14	13	21	56	Silty F-C Sand, trace Gravel	SW-SM
17									very dense, dark brown	
18										
19										
20										
21	20 - 22	S-7	15/24	4.7	19	15	7	11	Same as above, med dense	SW-SM
22										
23	22 - 24	S-8	6/24	3.5	19	21	18	27	Silty Sand, trace Gravel	SW-SM
24									dense, light brown	
25		Bottom of Boring at 25 feet								
26										
27										
28										
29										
30										

Well Construction

Well Screen	10 slot schedule 40 2" PVC	25 - 10
Filter Pack	#10 Morie Sand	25 - 8
Divider Seal	Bentonite Pellets	8 - 1
Surface Seal	Bentonite/Flush-Mount Casing	1 - 0

NOTES:

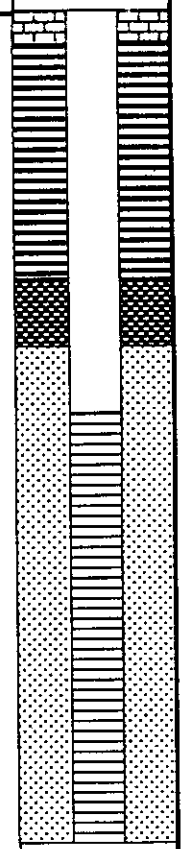
Soil samples from 13-15 feet submitted for lab analysis

Cobbles 18 - 20 feet

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	Subsurface Drilling	Casing Size:	4.5-inch ID	Boring #.	SB-2A/MW-307
Drilling Method:	Hollow Stem Auger	LEL/O2:		Date Begun:	01/11/2001
Ground Elevation:	99.7 (ft AD)	Checked By:		Completed:	01/11/2001
Logged By:	BPB	Protection Level:	D	Depth to Water:	16 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification
1									Auger to 15-feet to collect one split-spoon sample for laboratory analysis only.	FILL
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16	15 - 17	S -1	12/16		12	19	18	38	Silty Sand, trace Gravel dense, light brown	
17										
18										
19									Continue augers to 25-feet for well construction	
20										
21										
22										
23										
24										
25										
26		Bottom of Boring at 25-feet								
27										
28										
29										
30										



Well Screen	10 slot schedule 40 PVC	25 - 12
Filter Pack	#10 Morie Sand	25 - 10
Divider Seal	Bentonite Pellets	10 - 8
Annular Seal	Bentonite/Cement Grout	8 - 1
Surface Seal	Grout/Flush-Mount Casing	1 - 0

NOTES:

This boring was drilled adjacent to SB-2 (completed April, 1999). Boring was drilled to collect one soil sample (15-17 ft) for acetone confirmation. Well was constructed as upgradient location.

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	Subsurface Drilling	Casing Size:	4.5-inch ID	Boring #.	MW-401
Drilling Method:	Hollow Stem Auger	LEL/O2:		Date Begun:	01/12/2001
Ground Elevation:	97.4 (ft AD)	Checked By:		Completed:	01/12/2001
Logged By:	BPB	Protection Level:	D	Depth to Water:	15 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification	Well Construction
1				0.0	Hand dug to 5 feet				4-inches Concrete		
2				0.0					4" - 5' Brown f-c Silty-sand,	FILL	
3				0.0					trace gravel, trace brick,		
4											
5											
6	5 - 7	S-1	16/24	4.7	2	2	4	5	Silty F Sand, loose, yellow-brn	SP-SM	
7										7	
8	7 - 9	S-2	16/24	10.3	9	14	17	13	Silty F Sand, med dense, or-brn	SP-SM	
9											
10	9 - 11	S-3	16/24	1.2	8	6	7	8	Same as above, wet approx. 10'	SP-SM	
11											
12	11 - 13	S-4	19/24	1.7	9	4	4	4	Same as above, loose	SP-SM	
13											
14	13 - 15	S-5	18/24	2.6	2	4	6	11	Silty F-M Sand, loose, or-brn	SW-SM	
15											
16	15 - 17	S-6	14/24	1.5	2	7	19	21	Silty Sand, trace Gravel	SW-SM	
17									med dense, orange-brown		
18	17 - 19	S-7	14/24	1.4	7	13	21	15	17-17.8' Same as above.	18	
19									17.8-18.2' Silty Sand and Gravel		
20											
21	20 - 22	S-8	16/24	1.4	40	40	55	33	Silty Sand and Gravel	SW-SM	
22									very dense, gray-brown		
23	22 - 24	S-9	13/15		15	30	100/2"		Same as above.	SW-SM	
24											
25		Bottom of Boring at 25 feet									
26											
27											
28											
29											
30											

Well Screen	10 slot schedule 40 PVC	25 - 10
Filter Pack	#10 Morie Sand	25 - 8
Divider Seal	Bentonite Pellets	8 - 1
Surface Seal	Grout/Flush-Mount Casing	1 - 0

NOTES:

Sample interval at 7-9 & 9-11 selected for laboratory analysis.

Cobble layer 18 - 20 feet

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	Subsurface Drilling	Casing Size:	4.5-inch ID	Boring #.	MW-402
Drilling Method:	Hollow Stem Auger	LEL/O2:		Date Begun:	01/12/2001
Ground Elevation:	98.6 (ft AD)	Checked By:		Completed:	01/12/2001
Logged By:	BPB	Protection Level:	D	Depth to Water:	15 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID-Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification	Well Construction
1				0.0	Hand dug to 5 feet				4-inches Concrete		
2				0.0					4" - 5' Brown f-c Silty-sand,	FILL	
3				0.0					trace gravel, trace brick,		
4				0.0							
5											
6	5 - 7	S-1	2/24	10.3	2	2	4	8	Silty F-C Sand, trace Gravel	SP-SM	
7									loose, gray-brown	7	
8	7 - 9	S-2	5/24	1.5	9	15	11	11	Silty F Sand, med dense, orng-brn	SP-SM	
9											
10	9 - 11	S-3	18/24	0.5	10	8	7	5	Same as above - wet	SP-SM	
11											
12	11 - 13	S-4	19/24	0.5	2	2	5	9	Same as above, loose	SP-SM	
13											
14	13 - 15	S-5	12/24	0.3	14	13	29	86	Silty F-M Sand, trace Gravel	SW-SM	
15									dense, orange-brown		
16	15 - 17	S-6	10/24	0.7	9	11	13	19	Same as above, med dense	SW-SM	
17										17	
18	17 - 19	S-7	14/24	0.5	9	20	21	27	Silty F-M Sand, trace Gravel	SW-SM	
19									dense, gray-brown		
20											
21	20 - 22	S-8	13/24	0.3	10	19	29	35	Same as above	SW-SM	
22											
23	22 - 24	S-9	5/24	0.3	32	43	44	62	Same as above, very dense	SW-SM	
24											
25		Bottom of Boring at 25 feet									
26											
27											
28											
29											
30											

Well Screen	10 slot schedule 40 PVC	25 - 10
Filter Pack	#10 Morie Sand	25 - 8
Divider Seal	Bentonite Pellets	8 - 1
Surface Seal	Grout/Flush-Mount Casing	1 - 0

NOTES:

Sample interval at 9-11 & 15-17 selected for laboratory analysis.

Cobble layer 19 - 20 feet

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	Subsurface Drilling	Casing Size:	4.5-inch ID	Boring #.	SB-21/MW-403
Drilling Method:	Hollow Stem Auger	LEL/O2:		Date Begun:	01/10/2001
Ground Elevation:	99.8 (ft AD)	Checked By:		Completed:	01/11/2001
Logged By:	BPB	Protection Level:	D	Depth to Water:	16 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification	Well Construction
1				0.0	Hand dug to 5 feet				4-inches Concrete		
2				0.0					4" - 5' Brown f-c Silty-sand,	FILL	
3				0.0					trace gravel, trace brick,		
4				0.0							
5				0.0							
6	5 - 7	S-1	12/24	1.5	1	2	2	5	Silty F Sand, loose, light brown	SP	
7											
8	7 - 9	S-2	14/24	1.0	5	3	6	7	7-7.5' Silty Sand, yellow-brown	SP	
9									7.5-8.2' Silty Sand, gray yellow mottled		
10	9 - 11	S-3	19/24	8.7	5	8	9	12	Silty F-C Sand, trace Gravel	SW-SM	
11									med dense, gray, oil odor		
12	11 - 13	S-4	5/24	11.9	10	12	13	12	Silty F-C Sand, trace Gravel	SW-SM	
13									med dense, bray-brown		
14	13 - 15	S-5	11/24	2.1	4	11	13	15	Silty F-C Sand, trace Gravel	SW-SM	
15									med dense, brown (some red shale)		
16	15 - 17	S-6	16/21	3.3	9	16	46	100/3"	Same as above, v. dense	SW-SM	
17									rock in tip	17	
18											
19											
20											
21	20 - 22	S-7	22/24	0.7	9	12	19	21	Silty F-C Sand, trace Gravel	SW-SM	
22									dense, brown		
23	22 - 24	S-8	19/24	0.5	19	16	17	17	Silty F-C Sand, trace Gravel	SW-SM	
24									dense, red-brown		
25		Bottom of Boring at 25 feet									
26											
27											
28											
29											
30											

Well Screen	10 slot, schedule 40 4" PVC	24 - 14
Filter Pack	#10 Morie Sand	24.5 - 12
Divider Seal	Bentonite Pellets	12 - 10
Annular Seal	Bentonite/Cement Grout	10 - 1
Surface Seal	Grout/Flush-Mount Casing	1 - 0

NOTES:

Sample interval at 0-2, 11-13 & 15-17 selected for laboratory analysis.

Cobble layer 18 - 20 feet

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	Subsurface Drilling	Casing Size:	4.5-inch ID	Boring #.	SB-20
Drilling Method:	Hollow Stem Auger	LEL/O2:		Date Begun:	01/08/2001
Ground Elevation:	(ft AD)	Checked By:		Completed:	01/08/2001
Logged By:	BPB	Protection Level:	D	Depth to Water:	17 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification	Well Construction
1				0.0	Hand dug to 5 feet				4-inches Concrete		
2				0.0					4" - 5' Brown f-c Silty-sand,	**FILL**	
3				0.0					trace gravel, trace brick,		
4				0.0							
5				0.0							
6	5 - 7	S-1	10/24	3.3	1	2	2	5	Silty F-C Sand w/ Gravel	SW-SM	
7									loose, orange-brown		
8	7 - 9	S-2	20/24	1.5	17	16	22	38	Same as above, dense	SW-SM	
9											
10	9 - 11	S-3	14/24	2.3	11	19	52	41	Silty F-C Sand, trace Gravel	SW-SM	
11									very dense, brown		
12	11 - 13	S-4	2/2	3.0	100/2"				Same as above.	SW-SM	
13											
14	13 - 15	S-5	16/24	1.4	7	12	11	13	Silty F-C Sand,trace Gravel	SW-SM	
15									med dense, yellow/brown	15	
16	15 - 17	S-6	16/24	1.9	14	16	36	27	Silty F-C Sand, v. dense, dark brn	SW-SM	
17											
18	17 - 19	S-7	9/9	0.9	39	100/3"			SiltyF-C Sand, trace Gravel	SW-SM	
19									very dense, red-yellow brown		
20		Auger Refusal at 18 feet									
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

Well Screen	10 slot schedule 40 PVC
Filter Pack	#10 Morie Sand
Divider Seal	Bentonite Pellets
Annular Seal	Bentonite/Cement Grout
Surface Seal	Bentonite/Flush-Mount Casing

NOTES:
No Well Installed
Sample interval at 5-7 & 17-19
selected for laboratory analysis.

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	Subsurface Drilling	Casing Size:	4.5-inch ID	Boring #.	SB-22
Drilling Method:	Hollow Stem Auger	LEL/O2:		Date Begun:	01/08/2001
Ground Elevation:	(ft AD)	Checked By:		Completed:	01/08/2001
Logged By:	BPB	Protection Level:	D	Depth to Water:	16 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification	Well Construction
1				0.0	Hand dug to 5 feet				4-inches Concrete		
2				0.0					4" - 5' Brown f-c Silty-sand,	FILL	
3				0.0					trace gravel, trace brick,		
4				0.0							
5				0.0							
6	5 - 7	S-1	18/24	1.4	1	1	1	2	Silty F-C Sand, v. loose, gray-brn	SW	
7											
8	7 - 9	S-2	14/24	2.3	3	5	5	11	Silty F Sand, loose, gray	SP	
9											
10	9 - 11	S-3	16/24	1.7	4	8	8	21	Same as above.	SP	
11										11	
12	11 - 13	S-4	14/24	4.0	27	26	22	18	Silty F-C Sand w/ Gravel	SW-SM	
13									dense, light brown		
14	13 - 15	S-5	0/24	NA	21	10	16	17	No recovery.	SW-SM	
15											
16	15 - 17	S-6	10/14	5.8	10	10	50/2"		Silty F-C Sand w/ Gravel	SW-SM	
17									v. dense, light brown		
18		Auger Refusal at 16.5 feet									
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

Bottom Seal	Bentonite/Cement Grout
Well Screen	10 slot schedule 40 PVC
Filter Pack	#10 Morie Sand
Divider Seal	Bentonite Pellets
Annular Seal	Bentonite/Cement Grout
Surface Seal	Bentonite/Flush-Mount Casing

NOTES:
No Well Installed
Sample interval at 11-13 & 15-17 selected for laboratory analysis.

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	Subsurface Drilling	Casing Size:	4.5-inch ID	Boring #.	SB-23
Drilling Method:	Hollow Stem Auger	LEL/O2:		Date Begun:	01/09/2001
Ground Elevation:	(ft AD)	Checked By:		Completed:	01/09/2001
Logged By:	BPB	Protection Level:	D	Depth to Water:	17 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification	Well Construction
1				0.0	Hand dug to 5 feet				4-inches Concrete		
2				0.0					4" - 5' Brown f-c Silty-sand,	FILL	
3				0.0					trace gravel, trace brick,		
4				0.0							
5				0.0							
6	5 - 7	S-1	11/24	71.9	2	3	5	4	Silty F-C Sand, trace Gravel	SW-SM	
7									loose, gray-brown		
8	7 - 9	S-2	23/24	4.9	9	17	18	18	Same as above. Dark gray	SW-SM	
9									staining approx 8', oil-like odor.		
10	9 - 11	S-3	11/24	1.7	29	67	37	23	Same as above, v. dense.	SW-SM	
11											
12	11 - 13	S-4	7/24	3.5	18	19	19	23	Same as above, dense	SW-SM	
13											
14	13 - 15	S-5	23/24	1.4	4	17	18	21	Silty F-C Sand, dense gray-brn	SW	
15											
16	15 - 17	S-6	20/24	1.9	14	12	27	41	Silty F-C Sand w/ Gravel	SW-SM	
17									dense, yellow-brown		
18	17 - 19	S-7	22/24	1.4	30	39	31	41	Same as above, v. dense.	SW-SM	
19											
20	19-21	S-8	18/24	0.8	9	11	10	10	Silty F-C Sand, trace Gravel	SW-SM	
21									med. dense, orange		
22	21-23	S-9	12/24	0.8	14	19	19	26	Same as above, dense	SW-SM	
23											
24	23-25	S-10	11/24	0.7	11	20	21	26	Same as above.	SW-SM	
25											
26		Bottom of Boring at 25-feet									
27											
28											
29											
30											

Well Screen	10 slot schedule 40 PVC
Filter Pack	#10 Morie Sand
Divider Seal	Bentonite Pellets
Annular Seal	Bentonite/Cement Grout
Surface Seal	Bentonite/Flush-Mount Casing

NOTES:
No Well Installed
Sample interval at 5-7 & 17-19
selected for laboratory analysis.

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	Subsurface Drilling	Casing Size:	4.5-inch ID	Boring #.	SB-8A
Drilling Method:	Hollow Stem Auger	LEL/O2:		Date Begun:	01/09/2001
Ground Elevation:	(ft AD)	Checked By:		Completed:	01/09/2001
Logged By:	BPB	Protection Level:	D	Depth to Water:	16 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification	Well Construction
1											
2									Auger to 11-feet to collect one split-spoon sample for laboratory analysis only.	FILL	
3											
4											
5											
6											
7											
8											
9											
10	10 - 12	S-1			56	12	12	26			
11											
12	12 - 14	S-2		2.1	112	7	11	14	Silty F-C Sand with Gravel med. dense, gray-brown petroleum-like odor.	SP	
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											

Well Screen	10 slot schedule 40 PVC
Filter Pack	#10 Morie Sand
Divider Seal	Bentonite Pellets
Annular Seal	Bentonite/Cement Grout
Surface Seal	Bentonite/Flush-Mount Casing

NOTES:

This boring was drilled adjacent to SB-8 (completed April, 1999). Boring was drilled to collect one soil sample (12-14 ft) for acetone confirmation.
No Well Installed.

JACQUES WHITFORD COMPANY, INC

Project:	Con Edison: Maspeth				1 of 1
Client:	Consolidated Edison of New York				
Contractor:	Subsurface Drilling	Casing Size:	4.5-inch ID	Boring #.	MW-103A
Drilling Method:	Hollow Stem Auger	LEL/O2:		Date Begun:	06/06/2001
Ground Elevation:	(ft AD)	Checked By:		Completed:	06/06/2001
Logged By:	BPB	Protection Level:	D	Depth to Water:	16 ft bls

Depth (ft)	Sample Interval (ft)	Sample No.	Rec/Pen (inches)	PID Sample (ppm)	Standard Penetration Test (blows/foot) 0 - 6"	6" - 12"	12" - 18"	18" - 24"	Soil/Rock Description	Soil Classification	Well Construction
1									Auger to 24 feet to construct 4-inch diameter well as a replacement for existing 2-inch diameter well (MW-103)	FILL	
2											
3											
4											
5											
6											
7									No soil samples collected		
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26		Bottom of Boring at 24-feet									
27											
28											
29											
30											

Well Screen	4" Diam. 10 slot schedule 40 PVC	23.7 - 8.7
Filter Pack	#10 Morie Sand	23.7 - 7.5
Divider Seal	Bentonite Pellets	7.5 - 4.5
Annular Seal	Bentonite/Cement Grout	4.5 - 1
Surface Seal	Grout/Flush-Mount Casing	1 - 0

NOTES:

This 4-inch diameter well was drilled adajecnt to existing well MW-103 (2-inch diam.). MW-103 was subsequently abandoned - riser and screen pulled from ground, borehole filled with bentonit/cement grout.