



11 British American Blvd
Airport Park, Suite 200
Latham, NY 12110

Boring Name: B-11

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/10/2012
North: 1066724.53
East: 1101593.13

Surface Elevation (ft amsl): 658.29
Total Depth: 12.0 ft bgs
Depth to Initial Water Level (ft bgs): 8.5
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	4 / 4	0		Topsoil/sand-Very loose, Soft, poorly graded, Dry, organic material, sand contains fines
2							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Moist.
3							
4			4 - 8	4 / 4	0		
5							
6							
7							
8	B-11 (6-8FT)		8 - 12	4 / 4	0.1		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
9							
10							
11							
12							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12 ft. bgs

Remarks:



11 British American Blvd
Airport Park, Suite 200
Latham, NY 12110

Boring Name: B-12

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/10/2012
North: 1066673.14
East: 1101593.42

Surface Elevation (ft amsl): 658.71
Total Depth: 12.5 ft bgs
Depth to Initial Water Level (ft bgs): 8.5
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OV Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3.5 / 4	0		Topsoil-Very loose, soft, poorly graded, Dry, organic material
2							Reddish-Brown Clay-Medium Stiff, dense, Low plasticity, Wet
3							
4			4 - 8	1.5 / 4	0		
5							
6							
7							
8	B-12 (8-12FT)		8 - 12	4 / 4	0		
9							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
10							
11							
12			12 - 16	0.5 / 0.5	0		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12.5 ft. bgs

Remarks:



11 British American Blvd
Airport Park, Suite 200
Latham, NY 12110

Boring Name: B-13

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/10/2012
North: 1066627.25
East: 1101561.73

Surface Elevation (ft amsl): 658.73
Total Depth: 12.5 ft bgs
Depth to Initial Water Level (ft bgs): 8.5
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3.5 / 4	0		Topsoil-Very loose, soft, poorly graded, Dry, organic material
2							Brown to Red Brown, Moist, Medium Stiff, Low plasticity, rounded gravel and bits of coal in sample, poorly graded, Medium Dense
3							
4							
5			4 - 8	4 / 4	0		
6							
7							
8							
9			8 - 12	4 / 4	0		
10							
11							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
12							
13			12 - 16	0.5 / 0.5	0.2		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12.5 ft. bgs

Remarks:



11 British American Blvd
Airport Park, Suite 200
Latham, NY 12110

Boring Name: B-14

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/10/2012
North: 1066626.82
East: 1101594.83

Surface Elevation (ft amsl): 659.10
Total Depth: 12.5 ft bgs
Depth to Initial Water Level (ft bgs): 9.5
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	2.3 / 4	0		Topsoil-Very loose, soft, poorly graded, Dry, organic material
2							Brown Clay, Medium Stiff, poorly graded, low plasticity, Dry, Medium Dense
3							
4							
5			4 - 8	4 / 4	0		
6							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Moist.
7							
8							
9	B-14 (8-12FT)		8 - 12	4 / 4	1.3		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
10							
11							
12							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
13			12 - 16	0.5 / 0.5	0.2		
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12.5 ft. bgs

Remarks:



11 British American Blvd
Airport Park, Suite 200
Latham, NY 12110

Boring Name: B-15

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/10/2012
North: 1066534.13
East: 1101613.99

Surface Elevation (ft amsl): 659.52
Total Depth: 12.5 ft bgs
Depth to Initial Water Level (ft bgs): 4.0
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3.5 / 4	0		Topsoil-Very loose, soft, poorly graded, Dry, organic material
2							Brown to Reddish Brown clay, wet, Medium stiff to Stiff, poorly graded, low plasticity, Dense
3							
4	B-15 (4-8FT)		4 - 8	4 / 4	0		
5							
6							
7							
8			8 - 12	4 / 4	0		Brown Gravelly Clay-Moist, gravel is rounded, low plasticity, medium dense, poorly graded
9							
10							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
11							
12			12 - 16	0.5 / 4	0.2		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12.5 ft. bgs

Remarks: The sample was taken from this interval due to an observed odor and strange particles found at the water table.



11 British American Blvd
Airport Park, Suite 200
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Boring Name: B-16

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method: Grab
Drilling Date: 12/7/2012
North: 1066594.62
East: 1101651.40

Surface Elevation (ft amsl): 659.96
Total Depth: 14.0 ft bgs
Depth to Initial Water Level (ft bgs): 9.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1		2 5 7 5	0 - 2	0.55 / 2	0		Topsoil-Very loose, soft, poorly graded, Dry, organic material
2		6 5 7 9	2 - 4	1.6 / 2	0.1		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
3							
4		5 9 10 9	4 - 6	1.4 / 2	0		
5							
6		13 14 21 16	6 - 8	1.8 / 2	10		
7							
8		5 8 18 39	8 - 10	2 / 2	0.2		
9							
10		13 10 11 9	10 - 12	2 / 2	0.4		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Dry. Fine grained silt particles present.
11							
12	B-16 (12-14FT)	9 17 23 50/4	12 - 14	2 / 2	2.3		Medium Brown Clay-Moist, low plasticity, Medium Dense, poorly graded
13							
14							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Wet, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 14 ft. bgs

Remarks:



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Boring Name: B-17

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method: Grab
Drilling Date: 12/6/2012
North: 1066714.24
East: 1101742.62

Surface Elevation (ft amsl): 660.85
Total Depth: 20.0 ft bgs
Depth to Initial Water Level (ft bgs): 8.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1		2	0 -	0.5 / 2	0		Topsoil-Very loose, soft, poorly graded, Dry, organic material
2		2					
3		2					
4		4	2 - 4	0.5 / 2	0		Reddish-brown clay with large gravel-Stiff, Dense, Moist, gravel is rounded, low plasticity.
5		7					
6		9	4 - 6	1.7 / 2	0		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
7		6					
8		1	6 - 8	2 / 2	0		
9		3					
10		5	8 - 10	1.8 / 2	0		
11		7					
12		10	10 - 12	1.8 / 2	0		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
13		14					
14		18	12 - 14	1.2 / 2	0		
15		18					
16	B-17 (8-10FT)	6	14 - 16	1.25 / 2	0		
17		10					
18		14	16 - 20	4 / 4	0		Chert - Chemical Sedimentary Bedrock
19		18					
20		18					

Total Depth of Boring = 20 ft. bgs

Remarks:



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Boring Name: B-18

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method: Grab
Drilling Date: 12/6/2012
North: 1066657.23
East: 1101738.43

Surface Elevation (ft amsl): 661.23
Total Depth: 11.6 ft bgs
Depth to Initial Water Level (ft bgs): 7.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1		2	0 - 2	0.5 / 2	0		Topsoil and Gravel/Clay-Fill Mixture-Very loose, Soft, well graded, Dry, organic material present, gravel is angular.
2		3					
3		13					
4		6	2 - 4	1.2 / 2	0		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
5		6					
6		4					
7		3	4 - 6	1.1 / 2	0		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
8		6					
9		8					
10	B-18 (6-8FT)	7	6 - 8	1.8 / 2	0		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
11		12					
12		17					
13		20	8 - 10	1.4 / 2	0		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
14		7					
15		15					
16		10	10 - 12	1.6 / 1.6	0		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
17		12					
18		48					
19		50/3					
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Remarks:

Total Depth of Boring = 11.6 ft. bgs



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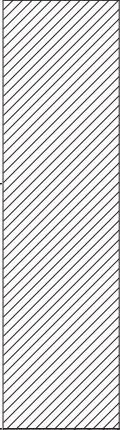
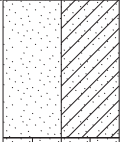
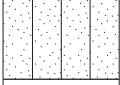
Boring Name: B-19

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/12/2012
North: 1066655.52
East: 1101778.37

Surface Elevation (ft amsl): 661.70
Total Depth: 11.6 ft bgs
Depth to Initial Water Level (ft bgs): 5.5
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVm Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3.9 / 4	0.4		Fill material-Poorly graded, material is angular, Very Loose, Dry
2							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
3							
4							
5			4 - 8	1.8 / 4	0.5		
6							
7							
8							
9	B-19 (6-8FT)		8 - 12	3.6 / 3.6	0.6		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
10							
11							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 11.6 ft. bgs

Remarks:



11 British American Blvd
Airport Park, Suite 200
Latham, NY 12110

Boring Name: B-20

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method: Grab
Drilling Date: 12/7/2012
North: 1066613.80
East: 1101721.27

Surface Elevation (ft amsl): 660.97
Total Depth: 13.5 ft bgs
Depth to Initial Water Level (ft bgs): 7.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1	B-20 (0-2FT)	2	0 -	1.8 / 2	0.5		Topsoil and Gravel/Clay-Fill Mixture-Very loose, Soft, well graded, Dry, organic material present, gravel is angular.
2		4					
3		4					
4		4					
5		3	2 - 4	0.5 / 2	0.3		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
6		5					
7		7					
8		7					
9		3	4 - 6	1.8 / 2	0.3		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
10		4					
11		6					
12		7					
13		13	6 - 8	2 / 2	0.3		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
14		19					
15		18					
16		20					
17		5	8 - 10	1.9 / 2	0.2		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
18		5					
19		7					
20		20					
21		15	10 - 12	1.8 / 1.8	0.3		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
22		30					
23		50/3					
24							
25	B-20 (12-14FT)	42	12 - 14	2 / 2	0.4		
26		59					
27		57					
28		46					
29							
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NYSDEC BORING LOG WITHOUT WELL DORO_GINTDATA.GPJ STANDARD_ENVIRONMENTAL_PROJECT.GDT 9/3/13

Remarks:

Total Depth of Boring = 13.5 ft. bgs



11 British American Blvd
Airport Park, Suite 200
Latham, NY 12110

Boring Name: B-21

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/12/2012
North: 1066606.28
East: 1101772.57

Surface Elevation (ft amsl): 662.09
Total Depth: 12.0 ft bgs
Depth to Initial Water Level (ft bgs): 4.5
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OV Reading (ppm)	Graphic Log	Material Description
1	B-21 (0-2FT)		0 - 4	3.5 / 4	13.1		Clay/Fill Mixture-well graded, Loose, Soft, fill material is angular, Dry
2							
3							
4							
5			4 - 8	4 / 4	0.3		Reddish-Brown Clay-Medium Stiff, dense, Low plasticity, Wet
6							
7							
8							
9			8 - 12	4 / 4	0.4		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
10							
11							
12							
13							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Moist.
14							
15							
16							
17							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
18							
19							
20							

Total Depth of Boring = 12 ft. bgs

Remarks:



11 British American Blvd
Airport Park, Suite 200
Latham, NY 12110

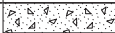
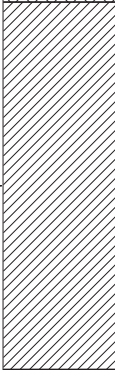

Boring Name: B-22

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/13/2012
North: 1066565.87
East: 1101748.28

Surface Elevation (ft amsl): 662.79
Total Depth: 11.5 ft bgs
Depth to Initial Water Level (ft bgs):
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1	B-22 (0-4FT)		0 - 4	1.7 / 4	3.6		Concrete Floor
2							Gravel/Clay/Fill Mixture-well graded, Loose, Soft, fill/gravel material is angular, Dry
3							
4							
5			4 - 8	3 / 4	0.7		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Moist.
6							
7							
8							
9			8 - 12	3.5 / 3.5	1.4		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 11.5 ft. bgs

Remarks:



11 British American Blvd
Airport Park, Suite 200
Latham, NY 12110

Boring Name: B-23

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method: Grab
Drilling Date: 12/7/2012
North: 1066580.19
East: 1101682.20

Surface Elevation (ft amsl): 660.67
Total Depth: 13.9 ft bgs
Depth to Initial Water Level (ft bgs): 8.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1	B-23 (0-2FT)	2	0 - 2	1.2 / 2	0.3		Topsoil-Very loose, soft, poorly graded, Dry, organic material
2		6					Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Moist.
3		3					
4		4					
5		4	2 - 4	1.1 / 2	0		
6		8					
7		6					
8		8					
9		3	4 - 6	1.5 / 2	0.1		
10		5					
11		7					
12		8					
13		7	6 - 8	2 / 2	0.1		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
14		9					
15		14					
16		7					
17		6	8 - 10	1.7 / 2	0.1		
18		16					
19		27					
20		23					
21		15	10 - 12	1.6 / 2	0.1		
22		31					
23		50/4					
24							
25		5	12 - 14	1.9 / 1.9	0.2		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
26		34					
27		50/3					
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
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97							
98							
99							
100							

Total Depth of Boring = 13.9 ft. bgs

Remarks:



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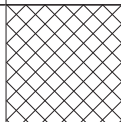
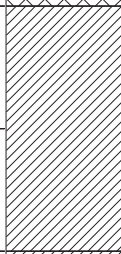
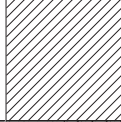
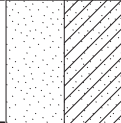
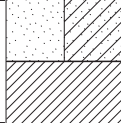
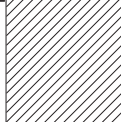

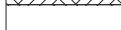
Boring Name: B-24

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method: Grab
Drilling Date: 12/5/2012
North: 1066582.69
East: 1101706.26

Surface Elevation (ft amsl): 662.20
Total Depth: 15.0 ft bgs
Depth to Initial Water Level (ft bgs): 8.5
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1		2 4 7 3	0 - 2	0.5 / 2	0		Fill material-Poorly graded, material is angular, Very Loose, Dry, gravel is large
2	B-24 (0-4FT)	3 6 6 9	2 - 4	0.75 / 2	0		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
3							
4							
5		3 5 7 7	4 - 6	1 / 2	0		
6							
7		9 11 14 15	6 - 8	1.5 / 2	0		Reddish-brown clay with large gravel-Stiff, Dense, Moist, gravel is rounded, low plasticity.
8							
9		8 8 10 11	8 - 10	1.5 / 2	0		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
10							
11		5 9 16 23	10 - 12	1.5 / 2	0		Reddish Brown Clay to Dark Brown Clay- Stiff, Dense, Low Plasticity, Moist.
12							
13		25 48 47 40	12 - 14	1.8 / 2	0		
14							
15		19 22 50/40	14 - 16	1.2 / 1.2	0		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
16							Chert - Chemical Sedimentary Bedrock
17							
18							
19							
20							

Total Depth of Boring = 15 ft. bgs

Remarks:



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Boring Name: B-25

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/13/2012
North: 1066555.17
East: 1101758.47

Surface Elevation (ft amsl): 662.79
Total Depth: 10.3 ft bgs
Depth to Initial Water Level (ft bgs): 6.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVm Reading (ppm)	Graphic Log	Material Description
1			0 - 4	0.5 / 4	0.3		Concrete Floor
2							Gravel Clay Mixture-well graded, Loose, Soft, fill material is angular, Dry
3							
4							
5	B-25 (5-6FT)		4 - 8	3.6 / 4	1		
6							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
7							
8			8 - 12	2.25 / 2.25	1		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
9							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
10							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 10.25 ft. bgs

Remarks:



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Boring Name: B-26

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/13/2012
North: 1066528.84
East: 1101758.47

Surface Elevation (ft amsl): 662.79
Total Depth: 11.0 ft bgs
Depth to Initial Water Level (ft bgs): 8.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3 / 4	2.7		Concrete Floor
2							Clay/Fill Mixture-well graded, Loose, Soft, fill material is angular, Dry
3							
4							
5	B-26(6-8FT)		4 - 8	3 / 4	1.4		
6							Reddish-Brown Clay-Medium Stiff, dense, Low plasticity, Wet
7							
8			8 - 12	4 / 4	3.3		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
9							
10							
11							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 11 ft. bgs

Remarks:



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Boring Name: B-27

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/11/2012
North: 1066528.84
East: 1101718.46

Surface Elevation (ft amsl): 662.58
Total Depth: 12.5 ft bgs
Depth to Initial Water Level (ft bgs):
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1	B-27(3-4FT)		0 - 4	/ 4			
2							
3							
4							
5			4 - 8	/ 4			
6							
7							
8							
9			8 - 12	/ 4			
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12.5 ft. bgs

Remarks: Lithology was not recorded for this boring. Cores were taken when PID was being replaced. Cores were not screened until later.



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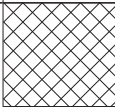
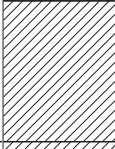
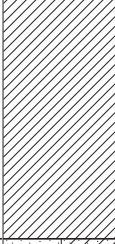
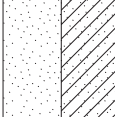

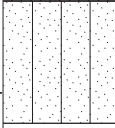
Boring Name: B-28

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/11/2012
North: 1066514.76
East: 1101680.38

Surface Elevation (ft amsl): 660.83
Total Depth: 12.5 ft bgs
Depth to Initial Water Level (ft bgs): 8.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1			0 - 4	2 / 4	1.3		Fill material-Poorly graded, material is angular, Very Loose, Dry
2							Medium Brown Clay with Gravelly Fill material- Gravel is angular, low plasticity, Loose, poorly graded.
3							
4	B-28 (4-6FT)		4 - 8	4 / 4	FLUX		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Moist.
5							
6							
7							
8			8 - 12	4 / 4	FLUX		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
9							
10							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Moist.
11							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
12			12 - 16	0.5 / 0.5	FLUX		
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12.5 ft. bgs

Remarks: PID Device started to malfunction at this location. Call was made to Pine and device was replaced.



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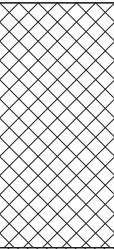
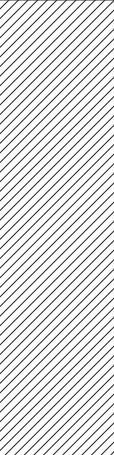
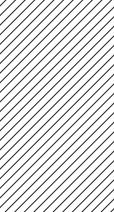

Boring Name: B-29

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/11/2012
North: 1066517.59
East: 1101711.83

Surface Elevation (ft amsl): 662.38
Total Depth: 12.0 ft bgs
Depth to Initial Water Level (ft bgs):
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1			0 - 4	0.5 / 4	0		Asphalt Fill-Poorly graded, material is angular, Very Loose, Dry
2							
3							
4	B-29 (4-6FT)		4 - 8	4 / 4	8569		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
5							
6							
7							
8	B-29(10-12FT)		8 - 12	4 / 4	9999+		
9							
10							
11							
12							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12 ft. bgs

Remarks: PID Maxed out. Hot location.



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Boring Name: B-30

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: Indoor Tripod
Sample Method: Grab
Drilling Date: 12/10/2012
North: 1066503.14
East: 1101734.20

Surface Elevation (ft amsl): 662.25
Total Depth: 10.0 ft bgs
Depth to Initial Water Level (ft bgs): 8.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1		X	0 - 2	0 / 2	0		Concrete Floor
2		2					
3		2					
4		6	2 - 4	0 / 2	0		
5		2					
6		3					
7		3	4 - 6	1.2 / 2	4.6		
8		6					
9		3					
10		3					
11	B-30 (6-8FT)	10	6 - 8	1.5 / 2	15.8		Brown Clay with Gravel-Wet, Medium stiff, Low plasticity, Medium Dense, poorly graded. Gravel is rounded
12		9					
13		7					
14		15					
15		15	8 - 10	1.8 / 1.8	1.2		
16		31					
17		38					
18		50/0					
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Total Depth of Boring = 10 ft. bgs

Remarks: Concrete coring device was used to go through concrete floor



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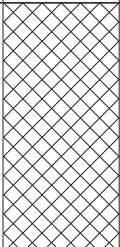
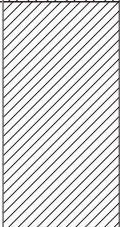
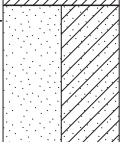
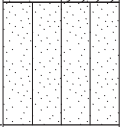
Boring Name: B-31

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/12/2012
North: 1066443.45
East: 1101781.25

Surface Elevation (ft amsl): 662.27
Total Depth: 11.0 ft bgs
Depth to Initial Water Level (ft bgs): 7.8
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVm Reading (ppm)	Graphic Log	Material Description
1			0 - 4	2.25 / 4	0		Clay/Fill/Ashphalt Mixture-well graded, Loose, Soft, fill/gravel material is angular, Dry
2							
3							
4	B-31(6-8FT)		4 - 8	3.5 / 4	0		Medium Brown Clay-Moist, low plasticity, Medium Dense, poorly graded
5							
6							
7							
8			8 - 12	4 / 4	0		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
9							
10							
11							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both presnt, 80% Clay/Silt, 15% Sand, 5% gravel.
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 11 ft. bgs

Remarks:



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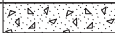
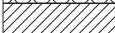
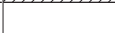
Boring Name: B-32

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: Indoor Tripod
Sample Method: Grab
Drilling Date: 12/10/2012
North: 1066499.61
East: 1101719.01

Surface Elevation (ft amsl): 662.25
Total Depth: 10.0 ft bgs
Depth to Initial Water Level (ft bgs): 6.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1		X 3	0 - 2	0.15 / 2	0.8		Concrete Floor
2		4					Fill material-Poorly graded, material is angular, Very Loose, Dry, subgrade material
3		3	2 - 4	0.33 / 2	1.4		
4		2					
5		3					Brown Gravelly Clay-Moist, gravel is rounded, low plasticity, medium dense, poorly graded
6		8	4 - 6	1.1 / 2	4.9		
7		5					
8		7					
9		7					
10		6	6 - 8	2 / 2	0.8		
11		12					
12		18					
13		20					
14	B-32 (8-10FT)	22	8 - 10	2 / 2	12.5		
15		25					
16		23					
17		50/4					
18							
19							
20							

Total Depth of Boring = 10 ft. bgs

Remarks: Concrete Coring device was used to go through concrete floor.



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Boring Name: B-33

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: Indoor Tripod
Sample Method: Grab
Drilling Date: 12/10/2012
North: 1066448.49
East: 1101762.85

Surface Elevation (ft amsl): 662.25
Total Depth: 6.0 ft bgs
Depth to Initial Water Level (ft bgs):
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OM Reading (ppm)	Graphic Log	Material Description
1	B-33 (2-4FT)	X 3 5 5	0 - 2	0 / 1.5	0		Concrete Floor
2		10 11	2 - 4	0.5 / 2	0.5		Fill and rock slag material -Poorly graded, material is angular, Very Loose, Dry, subgrade material
3		7 4					
4		5 12 50/0	4 - 6	0.45 / 2	0.2		
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 6 ft. bgs

Remarks: Concrete coring device used to penetrate concrete floor



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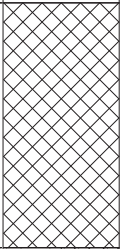
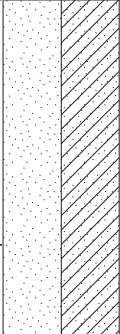
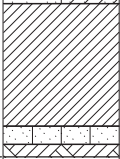

Boring Name: B-34

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/11/2012
North: 1066494.05
East: 1101779.23

Surface Elevation (ft amsl): 662.48
Total Depth: 12.0 ft bgs
Depth to Initial Water Level (ft bgs): 5.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	2.25 /	0		Clay/Fill/Ashphalt Mixture-well graded, Loose, Soft, fill/gravel material is angular, Dry
2							
3							
4							
5	B-34 (4-6FT)		4 - 8	3.25 / 4	0		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
6							
7							
8							
9			8 - 12	4 / 4	0		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Moist.
10							
11							
12							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both presnt, 80% Clay/Silt, 15% Sand, 5% gravel.
13							Chert - Chemical Sedimentary Bedrock
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12 ft. bgs

Remarks:



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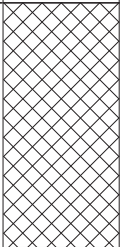
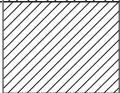

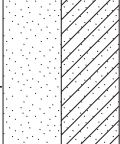
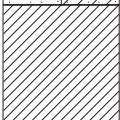
Boring Name: B-35

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/11/2012
North: 1066431.79
East: 1101765.62

Surface Elevation (ft amsl): 662.22
Total Depth: 12.1 ft bgs
Depth to Initial Water Level (ft bgs): 8.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OV Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3.2 / 4	0.3		Asphalt Fill-Poorly graded, material is angular, Very Loose, Dry
2							
3							
4			4 - 8	4 / 4	0.2		Brown to Dark Brown Clay-Moist, Stiff, Dense, poorly graded, low plasticity.
5							
6							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
7							
8	B-35 (6-8FT)		8 - 12	4 / 4	1.4		
9							Brown to Dark Brown Clay-Moist, Stiff, Dense, poorly graded, low plasticity.
10							
11							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
12			12 - 16	0.1 / 0.1	3.1		
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12.1 ft. bgs

Remarks:



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Boring Name: B-36

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/11/2012
North: 1066392.15
East: 1101714.91

Surface Elevation (ft amsl): 661.85
Total Depth: 12.0 ft bgs
Depth to Initial Water Level (ft bgs):
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	4 / 4			
2							
3							
4							
5			4 - 8	4 / 4			
6							
7							
8							
9			8 - 12	4 / 4			
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12 ft. bgs

Remarks: Lithology for this sample was not filled in due to the PID being exchanged. A well was installed and the cores were collected to sample later. A sample was later not collected as per direction of Dave Locey.



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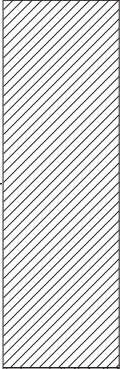


Boring Name: B-37

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/12/2012
North: 1066490.04
East: 1101681.45

Surface Elevation (ft amsl): 660.90
Total Depth: 12.0 ft bgs
Depth to Initial Water Level (ft bgs): 8.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3.2 / 4	0.2		Fill material-Poorly graded, material is angular, Very Loose, Dry
2							Reddish Brown Clay with Black Liquid and gravel-Stiff, Dense, Low Plasticity, Moist, gravel is rounded, no odor noted.
3							
4			4 - 8	4 / 4	8.3		
5							
6							
7							
8							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
9	B-37 (10-12FT)		8 - 12	3 / 3	28.1		
10							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12 ft. bgs

Remarks:



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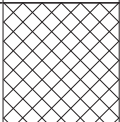



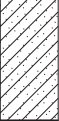

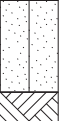
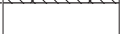
Boring Name: B-38

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/13/2012
North:
East:

Surface Elevation (ft amsl):
Total Depth: 12.0 ft bgs
Depth to Initial Water Level (ft bgs): 4.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OV Reading (ppm)	Graphic Log	Material Description
1			0 - 4	1.8 / 4	2.3		Asphalt Fill-Poorly graded, material is angular, Very Loose, Dry
2							Dark Brown Clay with Sand-Soft, Moist, Loose, poorly graded, low plasticity, sand is fine grained
3							
4			4 - 8	0 / 4	0		No Recovery
5							
6							
7							
8			8 - 12	4 / 4	2190		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
9							
10							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
11							
12							Bedrock
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12 ft. bgs

Remarks: Location was not sampled as per direction from NYSDEC onsite Project Manager.



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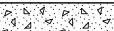

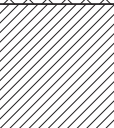
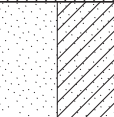
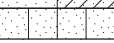
Boring Name: B-39

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/13/2012
North: 1066583.34
East: 1101716.53

Surface Elevation (ft amsl): 662.79
Total Depth: 10.5 ft bgs
Depth to Initial Water Level (ft bgs): 8.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OV Reading (ppm)	Graphic Log	Material Description
1			0 - 4	1 / 4	0.2		Concrete Floor
2							Fill material-Poorly graded, material is angular, Very Loose, Dry
3							Dark Brown Clay-Moist, Stiff, Dense, poorly graded, low plasticity.
4			4 - 8	4 / 4	0.3		
5							
6							
7							
8			8 - 12	2.5 / 2.5	0.4		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
9							
10							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 10.5 ft. bgs

Remarks:



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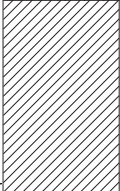
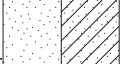

Boring Name: B-40

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/12/2012
North: 1066491.89
East: 1101710.82

Surface Elevation (ft amsl): 661.93
Total Depth: 12.0 ft bgs
Depth to Initial Water Level (ft bgs): 8.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1			0 - 4	2.2 / 4	4.5		Fill material-Poorly graded, material is angular, Very Loose, Dry
2							Gravelly Clay with Fill material. Black liquid present, peachy brown hard substance present.
3							
4							
5			4 - 8	4 / 4	185		
6							
7							
8							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
9	B-40 (10-12FT)		8 - 12	4 / 4	9999+		
10							
11							
12							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12 ft. bgs

Remarks:



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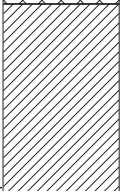
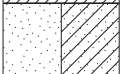
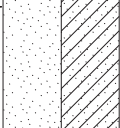

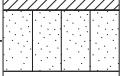
Boring Name: B-41

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/12/2012
North: 1066504.67
East: 1101698.84

Surface Elevation (ft amsl): 661.46
Total Depth: 12.1 ft bgs
Depth to Initial Water Level (ft bgs): 6.8
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3 / 4	0.6		Fill material-Poorly graded, material is angular, Very Loose, Dry
2							Reddish-Brown Clay-Medium Stiff, dense, Low plasticity, Wet
3							
4			4 - 8	3.9 / 4	0.9		
5							
6							
7							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
8	B-41 (10-12FT)		8 - 12	4 / 4	5.2		
9							
10							Brown Gravelly Clay-Moist, gravel is rounded, low plasticity, medium dense, poorly graded
11							
12			12 - 16	0.5 / 0.5	2.9		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12.1 ft. bgs

Remarks:



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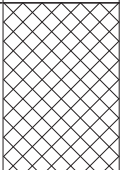
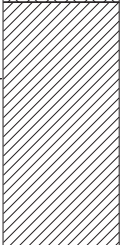
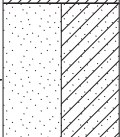
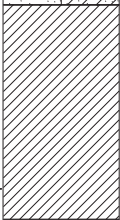
Boring Name: B-42

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/13/2012
North:
East:

Surface Elevation (ft amsl):
Total Depth: 12.5 ft bgs
Depth to Initial Water Level (ft bgs): 4.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OV Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3.2 / 4	1.5		Asphalt Fill-Poorly graded, material is angular, Very Loose, Dry
2							
3							Reddish-Brown Clay-Medium Stiff, dense, Low plasticity, Wet
4							
5			4 - 8	3 / 4	1		
6							
7							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
8							
9			8 - 12	4 / 4	23.1		
10							Reddish-Brown Clay-Medium Stiff, dense, Low plasticity, Wet
11							
12							
13			12 - 16	0.5 / 0.5	16.3		
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12.5 ft. bgs

Remarks: Location was not sampled as per direction from NYSDEC onsite Project Manager.



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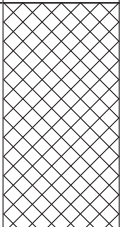
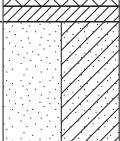
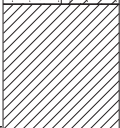
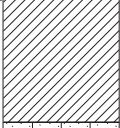

Boring Name: B-43

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 12/13/2012
North:
East:

Surface Elevation (ft amsl):
Total Depth: 10.5 ft bgs
Depth to Initial Water Level (ft bgs): 4.0
Field Screening Instrument: 0
Logged by: Katelyn Reepmeyer

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	2.1 / 4	2		Asphalt Fill-Poorly graded, material is angular, Very Loose, Dry
2							
3							
4							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
5			4 - 8	3.1 / 4	1		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
6							
7							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Moist.
8							
9			8 - 12	2.5 / 2.5	0.2		
10							
11							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 10.5 ft. bgs

Remarks: Location was not sampled as per direction from NYSDEC onsite Project Manager.



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Boring Name: B-44

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 3/12/2013
North: 1066681.16
East: 1101405.00

Surface Elevation (ft amsl):
Total Depth: 13.4 ft bgs
Depth to Initial Water Level (ft bgs): 10.0
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3 / 4	0		Topsoil-Loose, Soft, organic material present, poorly graded. Dry
2							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
3							
4							
5			4 - 8	4 / 4	0		
6							
7							
8							
9			8 - 12	4 / 4	0		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
10							
11							
12			12 - 16	1.4 / 1.4	0		
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 13.4 ft. bgs

Remarks: Soil Sample was not collected from location, only GW samples were collected.



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Boring Name: B-45

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 3/12/2013
North: 1066603.48
East: 1101391.45

Surface Elevation (ft amsl):
Total Depth: 13.6 ft bgs
Depth to Initial Water Level (ft bgs): 8.0
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3 / 4	0		Topsoil-Very loose, soft, poorly graded, Dry, organic material
2							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
3							
4							
5			4 - 8	3 / 4	0		
6							
7							
8							
9			8 - 12	4 / 4	0		
10							
11							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
12							
13			12 - 16	1.6 / 1.6	0		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 13.6 ft. bgs

Remarks: Soil Sample was not collected from location, only GW samples were collected.



11 British American Blvd
Airport Park, Suite 200
Latham, NY 12110

Boring Name: B-46

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 3/12/2013
North: 1066590.37
East: 1101491.08

Surface Elevation (ft amsl):
Total Depth: 13.5 ft bgs
Depth to Initial Water Level (ft bgs): 11.0
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3.5 / 4	0.4		Topsoil-Very loose, soft, poorly graded, Dry, organic material
2							Brown Clay-Moist, low plasticity, Medium Dense, poorly graded
3							
4			4 - 8	4 / 4	0.4		
5							
6							
7							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Moist.
8			8 - 12	4 / 4	0.4		
9							
10							
11							
12			12 - 16	1.5 / 1.5	0.4		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
13							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 13.5 ft. bgs

Remarks: Soil Sample was not collected from location, only GW samples were collected.



11 British American Blvd
Airport Park, Suite 200
Latham, NY 12110

Boring Name: B-47

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 3/12/2013
North: 1066464.83
East: 1101507.94

Surface Elevation (ft amsl):
Total Depth: 12.1 ft bgs
Depth to Initial Water Level (ft bgs): 10.0
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	2.5 / 4	0		Topsoil-Very loose, soft, poorly graded, Dry, organic material Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
2							
3							
4			4 - 8	4 / 4	0		Dark Brown Clay-Moist, Soft, Loose, poorly graded, low plasticity.
5							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Wet. Fine grained silt particles present.
6							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
7							
8			8 - 12	0.1 / 0.1	0		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
9							
10							
11							
12			12 - 16	4 / 4	0		Unknown-Sample was lost
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12.1 ft. bgs

Remarks: Soil Sample was not collected from location, only GW samples were collected.



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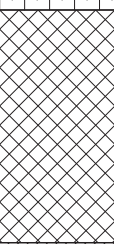
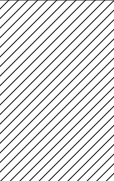
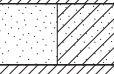
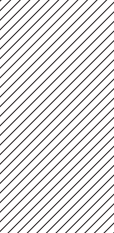
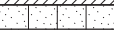
Boring Name: B-48

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 3/12/2013
North: 1066420.52
East: 1101621.02

Surface Elevation (ft amsl):
Total Depth: 12.4 ft bgs
Depth to Initial Water Level (ft bgs): 10.5
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1			0 - 4	4 / 0.5	0		Topsoil-Very loose, soft, poorly graded, Dry, organic material Fill material-Poorly graded, material is angular, Very Loose, Dry
2							
3							
4			4 - 8	4 / 4	0		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
5							
6							
7							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
8			8 - 12	4 / 4	0		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
9							
10							
11							
12			12 - 16	0.4 / 0.4	0		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12.4 ft. bgs

Remarks: Soil Sample was not collected from location, only GW samples were collected.



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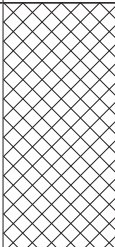
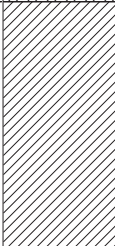
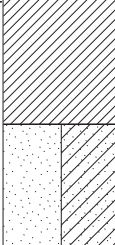
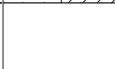
Boring Name: B-49

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 3/12/2013
North: 1066273.90
East: 1101642.55

Surface Elevation (ft amsl):
Total Depth: 12.4 ft bgs
Depth to Initial Water Level (ft bgs):
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	2 / 4	0		Fill material-Poorly graded, material is angular, Very Loose, Dry
2							
3							
4			4 - 8	3 / 4	0		Light Brown Clay-Medium Stiff, Medium Dense, Dry, poorly graded, Dry, low plasticity
5							
6							
7							
8			8 - 12	4 / 4	0		
9							
10							
11							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
12			12 - 16	0.4 / 0.4	0		
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12.4 ft. bgs

Remarks: Soil Sample was not collected from location, only GW samples were collected.



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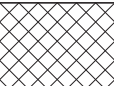
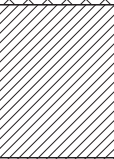



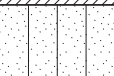
Boring Name: B-50

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 3/12/2013
North: 1066303.03
East: 1101756.56

Surface Elevation (ft amsl):
Total Depth: 13.2 ft bgs
Depth to Initial Water Level (ft bgs): 7.0
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	2 / 4	0		Fill Material, Very loose-poorly graded, gravel is angular, Dry
2							Dark Brown Clay-Soft, Moist, Loose, poorly graded, low plasticity.
3							
4			4 - 8	3.8 / 4	0		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
5							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
6							
7							
8			8 - 12	4 / 4	0		Black Clay, Soft, Moist, Poorly graded, low plasticity.
9							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
10							
11							
12			12 - 16	1.2 / 1.2	0		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 13.2 ft. bgs

Remarks: Soil Sample was not collected from location, only GW samples were collected.



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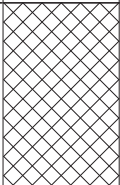
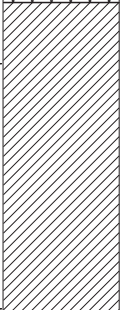
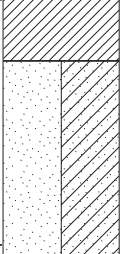
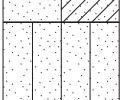
Boring Name: B-51

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method:
Drilling Date: 3/12/2013
North: 1066487.19
East: 1101908.14

Surface Elevation (ft amsl):
Total Depth: 13.8 ft bgs
Depth to Initial Water Level (ft bgs): 8.5
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3 / 4	0		Fill material-Poorly graded, material is angular, Very Loose, Dry
2							
3							
4			4 - 8	4 / 4	0		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Moist.
5							
6							
7							
8			8 - 12	3.5 / 4	0		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
9							
10							
11							
12			12 - 16	1.8 / 1.8	0		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 13.8 ft. bgs

Remarks: Soil Sample was not collected from location, only GW samples were collected.



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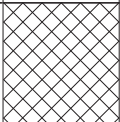
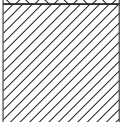
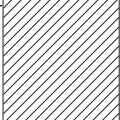
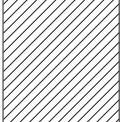
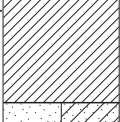
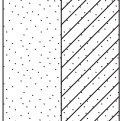
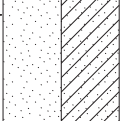
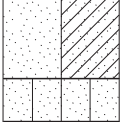


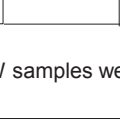


Boring Name: B-52

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method:
Drilling Date: 3/13/2013
North: 1066600.24
East: 1101909.00

Surface Elevation (ft amsl):
Total Depth: 15.7 ft bgs
Depth to Initial Water Level (ft bgs): 9.5
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3 / 4	0		Fill material-Poorly graded, material is angular, Very Loose, Dry
2							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
3							
4			4 - 8	3 / 4	0		
5							
6							
7							
8			8 - 12	4 / 4	0		
9							
10							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
11							
12			12 - 16	3.7 / 3.7	0		
13							
14							
15							
16							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
17							
18							
19							
20							

Total Depth of Boring = 15.7 ft. bgs

Remarks: Soil Sample was not collected from location, only GW samples were collected.



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Boring Name: B-53

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 3/12/2013
North: 1066795.60
East: 1101386.01

Surface Elevation (ft amsl):
Total Depth: 13.4 ft bgs
Depth to Initial Water Level (ft bgs): 10.5
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3 / 4	0		Topsoil-Very loose, soft, poorly graded, Dry, organic material
2							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
3							
4							
5			4 - 8	4 / 4	0		
6							
7							
8							Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
9			8 - 12	4 / 4	0		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Moist.
10							
11							
12							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
13			12 - 16	1.4 / 1.4	0		
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 13.4 ft. bgs

Remarks: Soil Sample was not collected from location, only GW samples were collected.



11 British American Blvd
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Boring Name: B-54

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: DPT
Sample Method: Grab
Drilling Date: 3/12/2013
North: 1066759.89
East: 1101496.13

Surface Elevation (ft amsl):
Total Depth: 15.3 ft bgs
Depth to Initial Water Level (ft bgs): 10.5
Field Screening Instrument: 0
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 4	3 / 4	0		Topsoil-Very loose, soft, poorly graded, Dry, organic material
2							Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
3							
4			4 - 8	4 / 4	0		
5							
6							
7							
8			8 - 12	3.5 / 4	0		
9							
10							
11							
12			12 - 16	3.3 / 3.3	0		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
13							
14							
15							Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
16							
17							
18							
19							
20							

Total Depth of Boring = 15.3 ft. bgs

Remarks: Soil Sample was not collected from location, only GW samples were collected.



11 British American Blvd
Airport Park, Suite 200
Latham, NY 12110

Boring Name: B-55

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method: Grab
Drilling Date: 7/23/2013
North: 1066507.88
East: 1101707.63

Surface Elevation (ft amsl):
Total Depth: 13.0 ft bgs
Depth to Initial Water Level (ft bgs): 12.5
Field Screening Instrument: 15000
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1		16	0 - 2	0.5 / 2	37.5		Fill material-Poorly graded, material is angular, Very Loose, Dry
2		8	2 - 4	1 / 2	32.0		Brown Clay- low plasticity, Medium Dense, poorly graded, medium gravel debris present
3		3					
4		3					
5		9	4 - 6	2 / 2	10.6		
6		11					Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
7		9	6 - 8	2 / 2	174		
8		8					Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry
9		4	8 - 10	1.8 / 2	375.4		
10		4					Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
11		14	10 - 12	2 / 2	15000		
12		2					
13	B-55_7-23-13	8	12 - 14	1.1 / 1.1	384		
14		7					Material is wet and lies below the glacial till. 40% small rounded gravel and 40% sand and 20% clay particles.
15		9					
16		25					
17		50/4					
18							
19							
20							

Total Depth of Boring = 13 ft. bgs

Remarks: Sample collected to characterize the glacial till.



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Latham, NY 12110

Boring Name: MW-01

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method:
Drilling Date: 7/25/2013
North: 1066482.08
East: 1101881.98

Surface Elevation (ft amsl): 663.29
Total Depth: 12.0 ft bgs
Depth to Initial Water Level (ft bgs): 11.4
Field Screening Instrument: 392.4
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVm Reading (ppm)	Graphic Log	Material Description
1			0 - 5	5 / 5	0		Lithology was not logged due to previous borings in same area and observing when it took visibly more effort for the rig to advance.
2							
3							
4							
5							
6			5 - 10	5 / 5	0		
7							
8							
9							
10							
11			10 - 15	2 / 2	0		
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12 ft. bgs

Remarks: Lithology was not logged due to previous borings in same area and observing when it took visibly more effort for the rig to advance.



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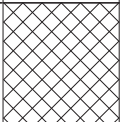
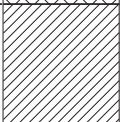
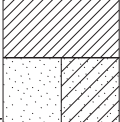
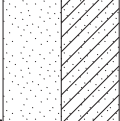
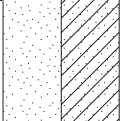

Boring Name: MW-02

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method:
Drilling Date: 7/25/2013
North: 1066695.92
East: 1101840.96

Surface Elevation (ft amsl): 661.67
Total Depth: 13.0 ft bgs
Depth to Initial Water Level (ft bgs): 6.9
Field Screening Instrument: 122.4
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1		41	0 - 2	1 / 2	0		Fill material-Poorly graded, material is angular, Very Loose, Dry
2		15					
3		8					
4		6	2 - 4	1.5 / 2	0		Brown Clay- low plasticity, Medium Dense, poorly graded, medium gravel debris present
5		5					
6		4					
7		4	4 - 6	0.4 / 2	0		
8		7					
9		3					
10		4					
11		9	6 - 8	2 / 2	0		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
12		13					
13		14					
14		15					
15		22	8 - 10	0.5 / 2	0.2		
16		20					
17		27					
18		26					
19		7	10 - 12	2 / 2	0		
20		3					
21		17					
22		15					
23		18	12 - 14	1 / 1	0		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
24		50/4					
25							
26							
27							
28							
29							
30							
31							
32							
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90							
91							
92							
93							
94							
95							
96							
97							
98							
99							
100							

Total Depth of Boring = 13 ft. bgs

Remarks: Lithology was characterized, due to no previous boreholes in this location.



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Boring Name: MW-03

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method:
Drilling Date: 7/25/2013
North: 1066655.62
East: 1101745.84

Surface Elevation (ft amsl): 661.68
Total Depth: 11.0 ft bgs
Depth to Initial Water Level (ft bgs):
Field Screening Instrument: 28.6
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OM Reading (ppm)	Graphic Log	Material Description
1			0 - 5	5 / 5	0		Lithology was not logged due to previous borings in same area and observing when it took visibly more effort for the rig to advance.
2							
3							
4							
5							
6			5 - 10	5 / 5	0		
7							
8							
9							
10							
11			10 - 15	1 / 1	0		
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 11 ft. bgs

Remarks: Lithology was not logged due to previous borings in same area and observing when it took visibly more effort for the rig to advance.



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Boring Name: MW-04

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method:
Drilling Date: 7/25/2013
North: 1066533.69
East: 1101782.26

Surface Elevation (ft amsl): 662.65
Total Depth: 10.0 ft bgs
Depth to Initial Water Level (ft bgs): 8.2
Field Screening Instrument: 208.2
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OM Reading (ppm)	Graphic Log	Material Description
1			0 - 5	5 / 5	25.5		Lithology was not logged due to previous borings in same area and observing when it took visibly more effort for the rig to advance.
2							
3							
4							
5							
6			5 - 10	5 / 5	18		
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 10 ft. bgs

Remarks: Lithology was not logged due to previous borings in same area and observing when it took visibly more effort for the rig to advance.



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Boring Name: MW-05

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method:
Drilling Date: 7/24/2013
North: 1066384.17
East: 1101712.79

Surface Elevation (ft amsl): 661.88
Total Depth: 10.0 ft bgs
Depth to Initial Water Level (ft bgs):
Field Screening Instrument: 260.8
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OM Reading (ppm)	Graphic Log	Material Description
1			0 - 5	5 / 5	0		Lithology was not logged due to previous borings in same area and observing when it took visibly more effort for the rig to advance.
2							
3							
4							
5							
6			5 - 10	5 / 5	0		
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 10 ft. bgs

Remarks: Lithology was not logged due to previous borings in same area and observing when it took visibly more effort for the rig to advance.



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Boring Name: MW-06

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method: Grab
Drilling Date: 7/23/2013
North: 1066518.73
East: 1101689.31

Surface Elevation (ft amsl): 661.40
Total Depth: 12.0 ft bgs
Depth to Initial Water Level (ft bgs): 6.0
Field Screening Instrument: 816
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVM Reading (ppm)	Graphic Log	Material Description
1			0 - 5	5 / 5	0		Lithology was only logged for the 10-12 interval to confirm glacial till and where to set the well too.
2							
3							
4							
5							
6			5 - 10	5 / 5	0		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
7							
8							
9							
10							
11	MW-06_7-26-13	7 16 21 24	10 - 12	2 / 2	6.8		
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 12 ft. bgs

Remarks: Lithology was only logged for the 10-12 interval to confirm glacial till and where to set the well too.



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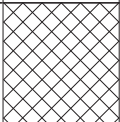
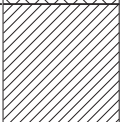
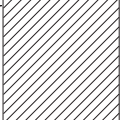
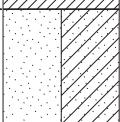
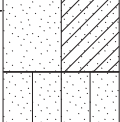
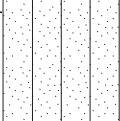
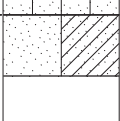
Boring Name: MW-06_B

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method:
Drilling Date: 7/23/2013
North: 1066515.62
East: 1101687.97

Surface Elevation (ft amsl): 661.42
Total Depth: 13.1 ft bgs
Depth to Initial Water Level (ft bgs): 6.0
Field Screening Instrument: 13.1
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1		12	0 - 2	0.5 / 2	.2		Fill material-Poorly graded, material is angular, Very Loose, Dry
2		7					
3		3	2 - 4	0.5 / 2	6.1		Reddish-Brown Clay-Stiff, Dense, Low Plasticity, Dry, with Fill particles.
4		3					
5		4	4 - 6	0.5 / 2	2.5		
6		3					
7		4	6 - 8	1 / 2	2.6		Light Brown Sandy Clay-Soft, Loose, poorly graded, clay content gives it slight cohesion, Moist. Fine grained silt particles present.
8		9					
9		6	8 - 10	2 / 2	2.6		
10		3					
11		10	10 - 12	2 / 2	7.3		Glacial till- Hard, Very Dense, well graded. Gravel is rounded, Dry, Sand and Clay particles are both present, 80% Clay/Silt, 15% Sand, 5% gravel.
12		18					
13		21	12 - 14	1 / 1	13.1		Material is wet and lies below the glacial till. 40% small rounded gravel and 40% sand and 20% clay particles.
14		12					
15		16					
16		24					
17		23					
18							
19							
20							

Total Depth of Boring = 13.1 ft. bgs

Remarks: Test boring for MW-06 location. Soil Sample collected from MW-06



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Boring Name: MW-07

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method:
Drilling Date: 7/24/2013
North: 1066567.95
East: 1101647.40

Surface Elevation (ft amsl): 659.90
Total Depth: 13.0 ft bgs
Depth to Initial Water Level (ft bgs): 11.2
Field Screening Instrument: 18.2
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVm Reading (ppm)	Graphic Log	Material Description
1			0 - 5	5 / 5	0		Lithology was not logged due to previous borings in same area and observing when it took visibly more effort for the rig to advance.
2							
3							
4							
5							
6			5 - 10	5 / 5	0		
7							
8							
9							
10							
11			10 - 15	3 / 3	0		
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 13 ft. bgs

Remarks: Lithology was not logged due to previous borings in same area and observing when it took visibly more effort for the rig to advance.



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Boring Name: MW-08

Client: NYS Department of Environmental Conservation
Project Location: Cheektowaga, NY

Project Name: Former Doro Dry Cleaners
Project Number: 0897-94461

Drilling Contractor: SJB
Drilling Method: HS Auger
Sample Method:
Drilling Date: 7/24/2013
North: 1066724.05
East: 1101594.88

Surface Elevation (ft amsl): 658.42
Total Depth: 10.0 ft bgs
Depth to Initial Water Level (ft bgs): 6.6
Field Screening Instrument: 54.8
Logged by: Meredith Passaro

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Sample Interval (ft)	Recovery (ft)	OVN Reading (ppm)	Graphic Log	Material Description
1			0 - 5	5 / 5	0		Lithology was not logged due to previous borings in same area and observing when it took visibly more effort for the rig to advance.
2							
3							
4							
5							
6			5 - 10	5 / 5	0		
7							
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9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 10 ft. bgs

Remarks: Lithology was not logged due to previous borings in same area and observing when it took visibly more effort for the rig to advance.

Well Construction Log

WELL No. MW-01

Sheet 1 of 1

PROJECT: **Former Doro Dry Cleaners**
 PROJECT NO: **0897-94461**
 PROJECT LOCATION: **Cheektowaga, NY**
 DRILLING CONTRACTOR: **SJB**
 DRILLING METHOD: **HS Auger**
 DATE COMPLETED: **July 25, 2013**

WATER LEVEL: **▼ 3.3**
 DATE: **8-12-13**
 GROUND SURFACE ELEVATION: **663.3**
 DATUM: **NAVD83**
 LOGGED BY: **Meredith Passaro**
 CHECKED BY:

WELL DETAILS	DEPTH (ft.)		ELEVATION (ft.)	WELL CONSTRUCTION DETAILS	WELL DEVELOPMENT DATA
	0.06	TPC	663.23	PROTECTIVE CASING Diameter: 5 Type: Steel Flush-mount Interval: .06-.5 RISER CASING Diameter: 2 Type: PVC Interval: 0-2 GROUT Type: Portland Cement Interval: 0-1 SEAL Type: Bentonite Interval: 1-1.5 ft. SANDPACK Type: #00 Sand Interval: 1.5-12 SCREEN Diameter: 2 Type: PVC 10 Slot Interval: 2-12	DATE: 7/26/2013 METHOD: Whale Pump DURATION (hr): .75 FINAL MEASUREMENTS: pH 7.01 Temperature (° C) 20.32 Conductivity (*specify*) 1.329 Turbidity (NTU) 21.2 Dissolved Oxygen (mg/L) 2.88 ORP (mV) -37.9
	0.43	TRC	662.86		
	0.0	GS	663.29		
	0.5		662.79		
	1.0		662.29		
	1.5	BS	661.79		
	2.0		661.29		
	12.0	BSC	651.29		

LEGEND

	FILTER PACK	CO	BOTTOM OF CONCRETE
	BENTONITE	TPC	TOP OF PROTECTIVE CASING
	CEMENT GROUT	TRC	TOP OF RISER CASING
	CUTTINGS / BACKFILL	GS	GROUND SURFACE
	NATIVE MATERIAL	BS	BENTONITE SEAL
		FP	FILTER PACK
		TSC	TOP OF SCREEN
		BSC	BOTTOM OF SCREEN
		TD	TOTAL DEPTH

CDM Smith

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Well Construction Log
WELL No. MW-01

Sheet 1 of 1

LOG A EWN1.02 WELL REPORT - HOPEWELL DORO_GINTDATA.GPJ HOPEWELL_MW_TEST.GDT 9/3/13 REV.

Well Construction Log

WELL No. MW-02

Sheet 1 of 1

PROJECT: **Former Doro Dry Cleaners**
 PROJECT NO: **0897-94461**
 PROJECT LOCATION: **Cheektowaga, NY**
 DRILLING CONTRACTOR: **SJB**
 DRILLING METHOD: **HS Auger**
 DATE COMPLETED: **July 25, 2013**

WATER LEVEL: **2.2**
 DATE: **8-12-13**
 GROUND SURFACE ELEVATION: **661.7**
 DATUM: **NAVD83**
 LOGGED BY: **Meredith Passaro**
 CHECKED BY:

WELL DETAILS	DEPTH (ft.)		ELEVATION (ft.)	WELL CONSTRUCTION DETAILS	WELL DEVELOPMENT DATA
	-0.13	TPC	661.80	PROTECTIVE CASING	DATE: 7/26/2013
	0.18	TRC	661.49	Diameter: 5	METHOD: Whale Pump
	0.0	GS	661.67	Type: Steel Flush-mount	DURATION (hr): .75
	0.4		661.27	Interval: -.13-.4	FINAL MEASUREMENTS:
	1.5		660.17	RISER CASING	pH 6.97
	2.0	BS	659.67	Diameter: 2	Temperature (° C) 19.53
				Type: PVC	Conductivity (*specify*) 1.53
	3.0		658.67	Interval: 0-3	Turbidity (NTU) 35.7
				GROUT	Dissolved Oxygen (mg/L) 2.8
				Type: Portland Cement	ORP (mV) 14.6
				Interval: 0-1.5	
				SEAL	
				Type: Bentonite	
				Interval: 1.5-2	
				SANDPACK	
				Type: #00 Sand	
				Interval: 2-13	
				SCREEN	
				Diameter: 2	
				Type: PVC 10 Slot	
				Interval: 3-13	
	13.0	BSC	648.67		

LEGEND

	FILTER PACK	CO	BOTTOM OF CONCRETE
	BENTONITE	TPC	TOP OF PROTECTIVE CASING
	CEMENT GROUT	TRC	TOP OF RISER CASING
	CUTTINGS / BACKFILL	GS	GROUND SURFACE
	NATIVE MATERIAL	BS	BENTONITE SEAL
		FP	FILTER PACK
		TSC	TOP OF SCREEN
		BSC	BOTTOM OF SCREEN
		TD	TOTAL DEPTH

**CDM
Smith**

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Well Construction Log
WELL No. MW-02

Sheet 1 of 1

LOG A EWN02 WELL REPORT - HOPEWELL DORO_GINTDATA.GPJ HOPEWELL_MW_TEST.GDT 9/3/13 REV.

Well Construction Log

WELL No. MW-03

Sheet 1 of 1

PROJECT: **Former Doro Dry Cleaners**
 PROJECT NO: **0897-94461**
 PROJECT LOCATION: **Cheektowaga, NY**
 DRILLING CONTRACTOR: **SJB**
 DRILLING METHOD: **HS Auger**
 DATE COMPLETED: **July 25, 2013**

WATER LEVEL: **▼ 6.2**
 DATE: **8-12-13**
 GROUND SURFACE ELEVATION: **661.7**
 DATUM: **NAVD83**
 LOGGED BY: **Meredith Passaro**
 CHECKED BY:

WELL DETAILS	DEPTH (ft.)		ELEVATION (ft.)	WELL CONSTRUCTION DETAILS	WELL DEVELOPMENT DATA
	-0.11	TPC	661.79	PROTECTIVE CASING Diameter: 5 Type: Steel Flush-mount Interval: -11-4 RISER CASING Diameter: 2 Type: PVC Interval: 0-6 GROUT Type: Portland Cement Interval: 0-4 SEAL Type: Bentonite Interval: 4-5 SANDPACK Type: #00 Sand Interval: 5-11 SCREEN Diameter: 2 Type: PVC 10 Slot Interval: 6-11	DATE: 7/26/2013 METHOD: Whale Pump DURATION (hr): .5 FINAL MEASUREMENTS: pH 6.7 Temperature (° C) 17.28 Conductivity (*specify*) 1.45 Turbidity (NTU) 12.5 Dissolved Oxygen (mg/L) 3.32 ORP (mV) -16.8
	0.37	TRC	661.31		
	0.0	GS	661.68		
	0.4		661.28		
	4.0		657.68		
	5.0	BS	656.68		
	6.0		655.68		
	11.0	BSC	650.68		

LEGEND

	FILTER PACK	CO	BOTTOM OF CONCRETE
	BENTONITE	TPC	TOP OF PROTECTIVE CASING
	CEMENT GROUT	TRC	TOP OF RISER CASING
	CUTTINGS / BACKFILL	GS	GROUND SURFACE
	NATIVE MATERIAL	BS	BENTONITE SEAL
		FP	FILTER PACK
		TSC	TOP OF SCREEN
		BSC	BOTTOM OF SCREEN
		TD	TOTAL DEPTH

**CDM
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Well Construction Log
WELL No. MW-03

Sheet 1 of 1

LOG A EWN1.02 WELL REPORT - HOPEWELL DORO_GINTDATA.GPJ HOPEWELL_MW_TEST.GDT 9/3/13 REV.

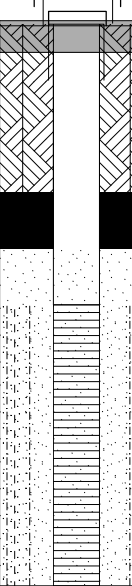





Well Construction Log

WELL No. MW-04

Sheet 1 of 1

PROJECT: **Former Doro Dry Cleaners**
 PROJECT NO: **0897-94461**
 PROJECT LOCATION: **Cheektowaga, NY**
 DRILLING CONTRACTOR: **SJB**
 DRILLING METHOD: **HS Auger**
 DATE COMPLETED: **July 25, 2013**

WATER LEVEL: **▼ 4.3**
 DATE: **8-12-13**
 GROUND SURFACE ELEVATION: **662.7**
 DATUM: **NAVD83**
 LOGGED BY: **Meredith Passaro**
 CHECKED BY:

WELL DETAILS		DEPTH (ft.)		ELEVATION (ft.)	WELL CONSTRUCTION DETAILS	WELL DEVELOPMENT DATA
		-0.06	TPC	662.71	PROTECTIVE CASING Diameter: 5 Type: Steel Flush-mount Interval: -06-.5 RISER CASING Diameter: 2 Type: PVC Interval: 0-5 GROUT Type: Portland Cement Interval: 0-3 SEAL Type: Bentonite Interval: 3-4 SANDPACK Type: #00 Sand Interval: 4-10 SCREEN Diameter: 2 Type: PVC 10 Slot Interval: 5-10	DATE: 7/26/2013
		0.20	TRC	662.45		METHOD: Whale Pump
		0.0	GS	662.65		DURATION (hr): .6
		0.5		662.15		FINAL MEASUREMENTS:
						pH 6.91
		3.0		659.65		Temperature (° C) 18.37
		4.0	BS	658.65		Conductivity (*specify*) 1.61
		5.0		657.65		Turbidity (NTU) 21.8
						Dissolved Oxygen (mg/L) 2.97
		10.0	BSC	652.65		ORP (mV) -57.1
<div><div><div>LEGEND</div><div> FILTER PACK  BENTONITE  CEMENT GROUT  CUTTINGS / BACKFILL  NATIVE MATERIAL</div><div><div>CO TPC TRC GS BS FP TSC BSC TD</div><div>BOTTOM OF CONCRETE TOP OF PROTECTIVE CASING TOP OF RISER CASING GROUND SURFACE BENTONITE SEAL FILTER PACK TOP OF SCREEN BOTTOM OF SCREEN TOTAL DEPTH</div></div></div></div>						

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Well Construction Log
WELL No. MW-04

Sheet 1 of 1

LOG A EWN1.02 WELL REPORT - HOPEWELL DORO_GINTDATA.GPJ HOPEWELL_MW_TEST.GDT 9/3/13 REV.

Well Construction Log

WELL No. MW-05

Sheet 1 of 1

PROJECT: **Former Doro Dry Cleaners**
 PROJECT NO: **0897-94461**
 PROJECT LOCATION: **Cheektowaga, NY**
 DRILLING CONTRACTOR: **SJB**
 DRILLING METHOD: **HS Auger**
 DATE COMPLETED: **July 24, 2013**

WATER LEVEL: **5.6**
 DATE: **8-12-13**
 GROUND SURFACE ELEVATION: **661.9**
 DATUM: **NAVD83**
 LOGGED BY: **Meredith Passaro**
 CHECKED BY:

WELL DETAILS	DEPTH (ft.)		ELEVATION (ft.)	WELL CONSTRUCTION DETAILS	WELL DEVELOPMENT DATA
	-0.02	TPC	661.90	PROTECTIVE CASING	DATE: 7/26/2013
	0.29	TRC	661.59	Diameter: 5	METHOD: Whale Pump
	0.0	GS	661.88	Type: Steel Flush-mount	DURATION (hr): .3
	0.5		661.38	Interval: -02-.5	FINAL MEASUREMENTS:
				RISER CASING	pH 7.12
	3.0		658.88	Diameter: 2	Temperature (°C) 21.7
	4.0	BS	657.88	Type: PVC	Conductivity (*specify*) 0.83
	5.0		656.88	Interval: 0-5	Turbidity (NTU) 1.66
				GROUT	Dissolved Oxygen (mg/L) 2.96
	10.0	BSC	651.88	Type: Portland Cement	ORP (mV) 86
				Interval: 0-3	
				SEAL	
				Type: Bentonite	
				Interval: 3-4	
				SANDPACK	
				Type: #00 Sand	
				Interval: 4-10	
				SCREEN	
				Diameter: 2	
				Type: PVC 10 Slot	
				Interval: 5-10	

LEGEND

	FILTER PACK	CO	BOTTOM OF CONCRETE
	BENTONITE	TPC	TOP OF PROTECTIVE CASING
	CEMENT GROUT	TRC	TOP OF RISER CASING
	CUTTINGS / BACKFILL	GS	GROUND SURFACE
	NATIVE MATERIAL	BS	BENTONITE SEAL
		FP	FILTER PACK
		TSC	TOP OF SCREEN
		BSC	BOTTOM OF SCREEN
		TD	TOTAL DEPTH

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Well Construction Log
WELL No. MW-05

Sheet 1 of 1

LOG A EWN02 WELL REPORT - HOPEWELL DORO_GINTDATA.GPJ HOPEWELL_MW_TEST.GDT 9/3/13 REV.

Well Construction Log

WELL No. MW-06

Sheet 1 of 1

PROJECT: **Former Doro Dry Cleaners**
 PROJECT NO: **0897-94461**
 PROJECT LOCATION: **Cheektowaga, NY**
 DRILLING CONTRACTOR: **SJB**
 DRILLING METHOD: **HS Auger**
 DATE COMPLETED: **July 23, 2013**

WATER LEVEL: **4.1**
 DATE: **8-12-13**
 GROUND SURFACE ELEVATION: **661.4**
 DATUM: **NAVD83**
 LOGGED BY: **Meredith Passaro**
 CHECKED BY:

WELL DETAILS	DEPTH (ft.)		ELEVATION (ft.)	WELL CONSTRUCTION DETAILS	WELL DEVELOPMENT DATA
	-0.08	TPC	661.48	PROTECTIVE CASING	DATE: 7/26/2013
	0.15	TRC	661.25	Diameter: 5	METHOD: Whale Pump
				Type: Steel Flush-mount	DURATION (hr): .33
	0.0	GS	661.40	Interval: -.08-.5	FINAL MEASUREMENTS:
	0.5		660.90	RISER CASING	pH 7.32
	1.0		660.40	Diameter: 2	Temperature (° C) 20.45
	1.5	BS	659.90	Type: PVC	Conductivity (*specify*) 1.213
	2.0		659.40	Interval: 0-2	Turbidity (NTU) 7.65
				GROUT	Dissolved Oxygen (mg/L) 2.86
				Type: Portland Cement	ORP (mV) 49.4
				Interval: 0-1	
				SEAL	
				Type: Bentonite	
				Interval: 1-1.5	
				SANDPACK	
				Type: #00 Sand	
				Interval: 1.5-12	
				SCREEN	
				Diameter: 2	
				Type: PVC 10 Slot	
				Interval: 2-12	
	12.0	BSC	649.40		

LEGEND

	FILTER PACK	CO	BOTTOM OF CONCRETE
	BENTONITE	TPC	TOP OF PROTECTIVE CASING
	CEMENT GROUT	TRC	TOP OF RISER CASING
	CUTTINGS / BACKFILL	GS	GROUND SURFACE
	NATIVE MATERIAL	BS	BENTONITE SEAL
		FP	FILTER PACK
		TSC	TOP OF SCREEN
		BSC	BOTTOM OF SCREEN
		TD	TOTAL DEPTH

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Well Construction Log
WELL No. MW-06

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Well Construction Log

WELL No. MW-07

Sheet 1 of 1

PROJECT: **Former Doro Dry Cleaners**
 PROJECT NO: **0897-94461**
 PROJECT LOCATION: **Cheektowaga, NY**
 DRILLING CONTRACTOR: **SJB**
 DRILLING METHOD: **HS Auger**
 DATE COMPLETED: **July 24, 2013**

WATER LEVEL: **3.2**
 DATE: **8-12-13**
 GROUND SURFACE ELEVATION: **659.9**
 DATUM: **NAVD83**
 LOGGED BY: **Meredith Passaro**
 CHECKED BY:

WELL DETAILS	DEPTH (ft.)		ELEVATION (ft.)	WELL CONSTRUCTION DETAILS	WELL DEVELOPMENT DATA
	-0.03	TPC	659.93	PROTECTIVE CASING	DATE: 7/26/2013
	0.35	TRC	659.55	Diameter: 5	METHOD: Whale Pump
	0.0	GS	659.90	Type: Steel Flush-mount	DURATION (hr): .3
	0.4		659.55	Interval: -03-.5	FINAL MEASUREMENTS:
	1.5		658.40	RISER CASING	pH 6.95
	2.0	BS	657.90	Diameter: 2	Temperature (° C) 18.51
	3.0		656.90	Type: PVC	Conductivity (*specify*) 1.523
				Interval: 0-3	Turbidity (NTU) 6.11
				GROUT	Dissolved Oxygen (mg/L) 3.04
				Type: Portland Cement	ORP (mV) 63.9
				Interval: 0-1.5	
				SEAL	
				Type: Bentonite	
				Interval: 1.5-2	
				SANDPACK	
				Type: #00 Sand	
				Interval: 2-13	
				SCREEN	
				Diameter: 2	
				Type: PVC 10 Slot	
				Interval: 3-13	
	13.0	BSC	646.90		

LEGEND

	FILTER PACK	CO	BOTTOM OF CONCRETE
	BENTONITE	TPC	TOP OF PROTECTIVE CASING
	CEMENT GROUT	TRC	TOP OF RISER CASING
	CUTTINGS / BACKFILL	GS	GROUND SURFACE
	NATIVE MATERIAL	BS	BENTONITE SEAL
		FP	FILTER PACK
		TSC	TOP OF SCREEN
		BSC	BOTTOM OF SCREEN
		TD	TOTAL DEPTH

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Well Construction Log
WELL No. MW-07

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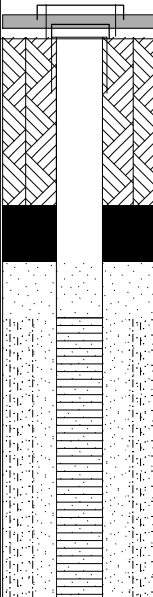





Well Construction Log

WELL No. MW-08

Sheet 1 of 1

PROJECT: **Former Doro Dry Cleaners**
 PROJECT NO: **0897-94461**
 PROJECT LOCATION: **Cheektowaga, NY**
 DRILLING CONTRACTOR: **SJB**
 DRILLING METHOD: **HS Auger**
 DATE COMPLETED: **July 24, 2013**

WATER LEVEL: **▼ 3.9**
 DATE: **8-12-13**
 GROUND SURFACE ELEVATION: **658.4**
 DATUM: **NAVD83**
 LOGGED BY: **Meredith Passaro**
 CHECKED BY:

WELL DETAILS	DEPTH (ft.)		ELEVATION (ft.)	WELL CONSTRUCTION DETAILS	WELL DEVELOPMENT DATA
	-0.16	TPC	658.58	PROTECTIVE CASING Diameter: 5 Type: Steel Flush-mount Interval: -.16-.4 RISER CASING Diameter: 2 Type: PVC Interval: 0-5 GROUT Type: Portland Cement Interval: 0-3 SEAL Type: Bentonite Interval: 3-4 SANDPACK Type: #00 Sand Interval: 4-10 SCREEN Diameter: 2 Type: PVC 10 Slot Interval: 5-10	DATE: 7/26/2013
	0.13	TRC	658.29		METHOD: Whale Pump
	-0.4		658.82		DURATION (hr): .3
	0.0	GS	658.42		FINAL MEASUREMENTS:
	3.0		655.42		pH 7.16
	4.0	BS	654.42		Temperature (° C) 19.66
	5.0		653.42		Conductivity (*specify*) 1.386
	10.0	BSC	648.42		Turbidity (NTU) 20.2
					Dissolved Oxygen (mg/L) 3.52
					ORP (mV) 85.1
				LEGEND <div><div> FILTER PACK</div><div> BENTONITE</div><div> CEMENT GROUT</div><div> CUTTINGS / BACKFILL</div><div> NATIVE MATERIAL</div><div><div>CO TPC TRC GS BS FP TSC BSC TD</div><div>BOTTOM OF CONCRETE TOP OF PROTECTIVE CASING TOP OF RISER CASING GROUND SURFACE BENTONITE SEAL FILTER PACK TOP OF SCREEN BOTTOM OF SCREEN TOTAL DEPTH</div></div></div>	

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