

EARTH TECH NORTHEAST, INC.
40 British American Boulevard
Latham, New York 12110
(518) 951- 2200

LETTER OF TRANSMITTAL

Date: May 26, 2005

To: Martin Brand
625 Broadway
Albany, New York 12233

Project No.: 83060
Project Name: 34 Freeman's Bridge Site
Re: Test Pit, MW, and Soil Boring
Logs -Pre-Design Investigation

WE ARE SENDING YOU:

<input checked="" type="checkbox"/> Attached or <input type="checkbox"/> Under separate cover via _____ the following items:			
<input type="checkbox"/> Shop Drawings	<input type="checkbox"/> Prints	<input type="checkbox"/> Plans	<input type="checkbox"/> Change Order
<input type="checkbox"/> Specifications	<input type="checkbox"/> Letters	<input type="checkbox"/> Samples	<input checked="" type="checkbox"/> Other Draft field logs
<input type="checkbox"/> Reports	<input type="checkbox"/> Applications	<input type="checkbox"/> Permits	

ITEMS ATTACHED:

COPIES	DATE	NO.	DESCRIPTION
1	5-26-05		Test Pit, Soil Boring and Monitoring Well Logs

THESE ARE TRANSMITTED AS CHECKED BELOW:

<input type="checkbox"/> For your approval	<input type="checkbox"/> Approved as submitted	<input type="checkbox"/> Resubmit _____ copies for approval
<input checked="" type="checkbox"/> For your use	<input type="checkbox"/> Approved as noted	<input type="checkbox"/> Submit _____ copies for distribution
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<input type="checkbox"/> FOR BIDS DUE _____		<input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US

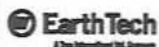
REMARKS:

Martin, we will be completing these logs electronically for the inclusion in the PDI report.

Copy to: _____

Signed: _____
Lisa A. Swan





SOIL BORING LOG

Boring No.: SB-1

PROJECT: 34 Freeman's Bridge Road Site			CONTRACTOR: Geologic Inc.		PAGE 1 of 1		
PROJECT No.: 83060			DRILLER: Judson Powell, Josh Sandberg		DATE: 4/14/2005		
SURFACE ELEVATION: NA			SITE LOCATION: NA		ET GEOLOGIST: L. Benedict		
WATER LEVELS 1.2'			BORING LOCATION: N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
				TYPE			
				I.D.			
				WT./Fall			
Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES		
1	103		2.8/4.0	4.8	0.0-0.7' Loose, dry, light gray/tan, possible crushed concrete, silt		
	92			8.9	0.7-0.8' Loose, dry, gray, coarse to medium gravel		
	65			0.2	0.8-1.6' Stiff, wet, red-brown, coarse to fine sand, trace (-) silt & clay (saturated @ 1.4-1.6')		
62		0.8		1.6-2.1' Stiff, saturated, brown, coarse to fine sand, trace(-) silt & clay			
60		0.6		2.1-2.8' Stiff, saturated, black, coarse to fine sand, trace(-) silt & clay			
53							
4	67		3.7/4.0	0.3	4.0-4.3' Stiff, moist, brown/light brown, coarse to fine sand, trace silt & clay		
	66			15.6	4.3-5.2' Very soft, saturated, dark brown/black, coarse to fine sand, trace silt & clay		
5	65			0.4	5.2-6.0' Soft, saturated, brown, coarse to fine sand, trace silt & clay, odor observed		
	65			0.2	6.0-6.9' Very soft, wet, black/dark gray, clay, odor observed		
6	65			1.5	6.9-7.7' Stiff, wet, black/dark gray, clayey silt, trace(-) medium fine		
	65			9.4			
7	64			2.8			
8	63			3			
	61						
9							
10							
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SOIL BORING LOG

Boring No.: SB-2

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/14/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS

BORING LOCATION: N/A

DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
			TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	70		2.5/4.0	94.0	0.0-0.2' Loose, dry, concrete slab floor, coarse to fine gravel subbase
	64			118	0.2-0.9' Loose, dry, black/dark gray, fill material, asphalt, coarse to fine gravel, trace(-) fine sand
	62			6.9	0.9-2.0' Dry, loose, light gray, coarse to fine gravel, trace(-) fine sand
2	62			3.1	2.0-2.5' Loose, moist, black, coarse to fine gravel, little silt & clay
	61			5.4	
3	60				
4	72		2.3/4.0	100	4.0-4.3' Loose, dry, coarse to fine gravel, trace(-) fine sand, trace(-) silty clay, fill material
5	74			12.1	4.3-6.3 Stiff, moist, greenish brown/gray, mottled, clayey silt, odor observed
	72			35.7	
6	70			15.4	
	66			50.0	
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20					



SOIL BORING LOG

Boring No.: SB-3

PROJECT: 34 Freeman's Bridge Road Site			CONTRACTOR: Geologic Inc.			PAGE: 1 of 1		
PROJECT No.: 83060			DRILLER: Judson Powell, Josh Sandberg			DATE: 4/14/2005		
SURFACE ELEVATION: NA			SITE LOCATION: NA			ET GEOLOGIST: L. Benedict		
WATER LEVELS: 1.2 ft			BORING LOCATION: N/A					
DATE	TIME	DEPTH			CASING	SAMPLER	CORE	TUBE
				TYPE				
				I.D.				
				WT./Fall				
Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES			
1	89		1.7/4.0	0.3	0.0-1.0' Dry, concret slab floor and subbase, coarse to fine gravel, coarse to fine sand			
	139			3.6	1.0-1.2' Soft, damp, red brown, coarse to fine sand, strong odor observed (possible contamination)			
	76			5.8	1.2-1.7' Soft, wet, light brown, coarse to fine sand			
2	58			0.1				
	55			0.3				
3								
4	80		3.0/4.0	46.0	4.0-5.2' Soft, wet, brown, coarse to fine sand, trace(-) coarse to fine gravel			
5	79			0.7	5.2-5.4' Soft, wet, black, coarse to fine sand			
	79			0.8	5.4-7.9' Stiff, wet, dark gray/black, clay			
6	80			48.9	7.9-8.0' Stiff, wet, dark gray/black, clayey silt, trace(-) fine sand			
	76			59.3				
7	66			4.0				
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SOIL BORING LOG

Boring No.: SB-4

PROJECT: 34 Freeman's Bridge Road Site			CONTRACTOR: Geologic Inc.			PAGE 1 of 1	
PROJECT No.: 83060			DRILLER: Judson Powell, Josh Sandberg			DATE: 4/14/2005	
SURFACE ELEVATION: NA			SITE LOCATION: NA			ET GEOLOGIST: L. Benedict	
WATER LEVELS 2.5 ft			BORING LOCATION: N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
			TYPE				
			I.D.				
			WT./Fall				
Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES		
	53		2.7/4.0	0.0	0-0.4' Concrete Slab Floor		
1	51			0.1	0.4-0.8' Soft, damp, brown, medium to fine sand, little clay & silt		
	51			0.1	0.8-1.4' Stiff, damp, brown, medium to fine sand, little(-) clay & silt, trace(-) coarse to fine gravel		
2	52			0.6	1.4-2.6' Loose, coarse to fine gravel, little coarse to fine sand, trace clay & silt, fill material		
	52			1.2	2.6-2.7' Wet, black, coarse fine sand, little medium to fine gravel, strong odor observed		
3				1.7			
				0.1			
4	51		2.4/4.0	2.3	4.0-4.6' Loose, wet, black, coarse to fine gravel, coarse to fine sand, , fill material, strong odor observed		
5	48			0.1	4.6-5.4' Soft-Stiff, wet, dark gray/black, coarse to fine sand		
	48			0.3			
6	47			1.0	5.4-6.3' Stiff, wet, dark gray, silty clay, slight odor observed		
	47			1.1	6.3-6.4' Soft, wet, dark gray, medium to fine sand, little clay & silt		
7	49			0.0			
8							
9							
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SOIL BORING LOG

Boring No.: SB-5

PROJECT: 34 Freeman's Bridge Road Site			CONTRACTOR: Geologic Inc.			PAGE 1 of 1	
PROJECT No.: 83060			DRILLER: Judson Powell, Josh Sandberg			DATE: 4/14/2005	
SURFACE ELEVATION: NA			SITE LOCATION: NA			ET GEOLOGIST: L. Benedict	
WATER LEVELS 1.0 ft			BORING LOCATION: N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
			TYPE				
			I.D.				
			WT./Fall				
Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES		
1	48		1.5/4.0	0.7	0.0-0.2' Dry, concrete slab floor and subase		
	33			0.5	0.2-0.4' Stiff, wet, brown, coarse to fine sand, little medium to fine gravel		
	34			0.6	0.4-0.7' Soft, wet, brown, silty clay, little medium to fine gravel		
2	43			0.5	0.7-1.0' Wet, black, coarse gravel, some medium to fine sand, trace(-) silt & clay, odor observed, discolored		
					1.0-1.5' Stiff, wet, dark brown, clayey silt, little medium fine gravel		
3							
4	55		2.7/4.0	0.3	4.0-4.3' Soft, wet, dark brown, coarse(+) to fine sand, trace(-) silt & clay		
5	53			4.5	4.3-5.2' Loose, wet, black, coarse to fine gravel, fill material and/or asphalt, odor observed, sheen observed		
	55			44.6	5.2-6.4' Stiff, wet, dark brown/black, clay, odor observed		
6	51			18.5	6.4-6.7' Stiff, wet, red brown, organic material, apparent peat layer		
	56			4.9			
7	51			3.7			
	53						
8	47		1.0/4.0	47.0	8.0-9.0' Apparent collapse material.		
	47			15.3	Upper 0.2' coarse to fine sand, little clay		
9					Lower 0.75' Loose, wet, black, coarse to fine gravel, strong odor observed, sheen observed		
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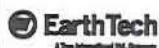
SOIL BORING LOG

Boring No.: SB-6

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/14/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict
WATER LEVELS: 1.0 ft	BORING LOCATION: N/A	

DATE	TIME	DEPTH	TYPE	CASING	SAMPLER	CORE	TUBE
			I.D.				
			WT./Fall				

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
0.0-0.2'	42			6.6	Concrete Slab Floor
0.2-0.4'	40			2.2	Soft, wet, brown, coarse to fine sand, little medium to fine gravel
0.4-0.6'	41		1.3/4.0	1.0	Wet, dark brown, silt & clay, some medium to fine sand, little medium to fine gravel
0.6-0.8'					Loose, wet, red brown/black, coarse to fine sand, some medium to fine gravel, odor observed
0.8-1.0'					Soft, wet, dark brown, silty clay, some medium to fine gravel, odor observed
1.0-1.3'					Wet, black/dark gray, silt & clay, some medium to fine gravel, odor observed
4.0-4.9'	46			0.3	Very soft, saturated, dark brown/dark gray, clayey silt, little coarse to fine gravel
4.9-5.3'	45		3.5/4.0	0.3	Stiff, saturated, black/green brown, mottled, clayey silt, little(-) medium to fine gravel
5.3-6.5'	49			0.3	Stiff, wet, dark brown, clay, slight odor observed
6.5-6.7'	47			0.4	Stiff, saturated, red brown, organic material, apparent peat layer, slight odor observed
6.7-7.5'	44			0.4	Soft, wet, dark brown/gray, clayey silt, trace(-) fine sand, odor observed
7.5-8.0'	47			0.4	
8.0-8.5'	47			0.4	
8.5-9.0'					
9.0-9.5'					
9.5-10.0'					
10.0-10.5'					
10.5-11.0'					
11.0-11.5'					
11.5-12.0'					
12.0-12.5'					
12.5-13.0'					
13.0-13.5'					
13.5-14.0'					
14.0-14.5'					
14.5-15.0'					
15.0-15.5'					
15.5-16.0'					
16.0-16.5'					
16.5-17.0'					
17.0-17.5'					
17.5-18.0'					
18.0-18.5'					
18.5-19.0'					
19.0-19.5'					
19.5-20.0'					



SOIL BORING LOG

Boring No.: SB-7

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/13/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS: 2.7 ft

BORING LOCATION: N/A

DATE	TIME	DEPTH	TYPE	CASING	SAMPLER	CORE	TUBE
			I.D.				
			WT/Fall				

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	70		3.2/4.0	0.0	0.0-0.3' Loose, coarse to fine sand, little coarse to fine gravel, fill
	73			0.0	0.3-0.7' Moist, brown, clayey silt, trace(-) medium to fine gravel, odor observed
2	72			45.2	0.7-1.1' Coarse to fine gravel, fill material
	71			17.8	1.1-1.7' Moist, green brown, silt, little medium to fine gravel, odor observed
3	75			24.1	1.7-3.2' Moist to wet, black, coarse to fine sand, coarse to fine gravel, fill material, strong odor observed
	72			24.8	
4			2.0/4.0	2.6	4.0-4.4' Wet, black, coarse to fine gravel, fill material
5	62			5.1	4.4-6.0' Wet, black/dark gray, mottled, clayey silt, apparent free product observed, black tar-like substance, strong odor observed
	59			35.1	
6	59			3.6	
	59			3.1	
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17					
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SOIL BORING LOG

Boring No.: SB-8

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/13/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS 3.1 ft

BORING LOCATION: N/A

DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
			TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Temperature (F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	72		3.6/4.0	0.0	0.0-1.0' Loose, moist, brown, clayey silt, coarse to fine gravel, fill material
	68			0.0	
2	67			0.0	1.0-1.7' Loose, moist, yellow brown, clayey silt, coarse to fine gravel, fill material
	66			0.7	
3	64			3.5	1.7-3.3' Moist, black, coarse to fine sand, coarse to fine gravel, little silt & clay, odor observed, C&D fill, brick, glass, resin wax
	60		1.7/4.0	55.6	3.1-3.6' Same as above, Wet
4	55			12.8	
	58			3.2	
5	54			67	4.0-5.7' Wet, black, coarse to fine sand, coarse to fine gravel, C&D fill, resin wax, glass, brick, strong odor observed
	51			62.4	
6	51			44.0	
				40.0	
7					
8	55		3.1/4.0	5.0	8.0-8.5' Wet, black, coarse to fine sand, coarse to fine gravel, C&D fill, brick, glass, odor observed
	54			4.1	8.5-9.0' Very soft, wet, black, clay
9	52			0.0	9.0-10.1' Wet, dark brown to yellow brown, trace(-) silty clay, Weed layer/organic, strong odor observed
	53			0.0	
10	55			0.0	10.1-11.1' Very soft, moist, black, clayey silt, odor observed
	55			0.0	
11	55			0.0	
	55			0.0	
12					
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SOIL BORING LOG

Boring No.: SB-9

PROJECT: 34 Freeman's Bridge Road Site			CONTRACTOR: Geologic Inc.			PAGE 1 of 1		
PROJECT No.: 83060			DRILLER: Judson Powell, Josh Sandberg			DATE: 4/13/2005		
SURFACE ELEVATION: NA			SITE LOCATION: NA			ET GEOLOGIST: L. Benedict		
WATER LEVELS 48 in			BORING LOCATION: N/A					
DATE	TIME	DEPTH			CASING	SAMPLER	CORE	TUBE
				TYPE				
				I.D.				
				WT./Fall				
Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES			
1	70		3.6/4.0	4.2	0.0-0.1' Loose, moist, gray brown, coarse to fine sand, and coarse to fine gravel, fill material			
	65			22.4				
2	66			16.8	1.0-2.0' Loose, moist, brown, coarse to fine sand, little(-) silty clay, trace(+) medium to fine gravel			
	67			15.8				
3	66			12.6	2.0-3.4' Loose, moist, coarse to fine gravel, some silty clay, trace(-) fine sand, C&D fill, brick, glass, odor observed			
	66		2.2/4.0	12.1				
4	63			10.9	3.4-3.6' Soft, wet, coarse to fine sand, little coarse to fine gravel, C&D fill, glass, brick, slight odor observed			
	62			17.2	4.0-5.0' Soft, wet, black/dark gray, coarse to fine sand, some coarse to fine gravel, C&D fill, glass, brick, odor observed			
5	59			7.4	5.0-6.0' Soft, damp, black, clayey silt, trace fine gravel, odor observed			
	58			16.4	6.0-6.2' Soft, damp to wet, black, clayey silt, trace fine sand			
6	58			23.0				
	57			6.4				
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SOIL BORING LOG

Boring No.: SB-10

PROJECT: 34 Freeman's Bridge Road Site			CONTRACTOR: Geologic Inc.			PAGE 1 of 1		
PROJECT No.: 83060			DRILLER: Judson Powell, Josh Sandberg			DATE: 4/13/2005		
SURFACE ELEVATION: NA			SITE LOCATION: NA			ET GEOLOGIST: T. Heath		
WATER LEVELS 4.0 ft			BORING LOCATION: N/A					
DATE	TIME	DEPTH			CASING	SAMPLER	CORE	TUBE
				TYPE				
				I.D.				
				WT./Fall				
Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES			
1	54		2.8/4.0	0.0	0.0-0.9' Soft, moist, light brown, medium to fine sand, little(-) medium to fine gravel			
	54			0.0				
2	54			7.9	0.9-2.4' Soft, moist, dark brown, coarse to fine sand, little(-) coarse to fine gravel (fill material)			
	54			44.6				
3				33.8	2.4-2.8' Soft, wet, dark brown, coarse to fine sand, coarse to fine gravel, strong odor observed			
4								
5	54		1.1/4.0	4.7	Wet, fill material, strong odor observed			
6								
7								
8	52		3.9/4.0	3.2	8.0-9.7' Soft, wet, dark brown, clay & silt, little(-) fine sand, strong odor observed			
9	51			4.1	9.7-11.9' Soft, wet, dark brown, coarse to fine sand, roots			
	50			5.1				
10	49			12.5				
	48			4.6				
11	48			1.1				
	48			6.6				
12	47			7.4				
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SOIL BORING LOG

Boring No.: SB-11

PROJECT: 34 Freeman's Bridge Road Site			CONTRACTOR: Geologic Inc.			PAGE: 1 of 1	
PROJECT No.: 83060			DRILLER: Judson Powell, Josh Sandberg			DATE: 4/13/2005	
SURFACE ELEVATION: NA			SITE LOCATION: NA			ET GEOLOGIST: T. Heath	
WATER LEVELS: 3.0 ft			BORING LOCATION: N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
			TYPE				
			I.D.				
			WT./Fall				
Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES		
1	62		3.5/4.0	0.9	0.0-3.3' Stiff, moist, light brown, coarse to fine sand, little(+) silt, little(-) medium to fine gravel, fill material (glass, brick, asphalt) 3.3-3.5' Loose, wet, brown, coarse to fine sand		
	60			7.1			
	60			7.0			
2	59			8.3			
	57			5.4			
3	55			0.3			
	55			6.5			
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SOIL BORING LOG

Boring No.: SB-12

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/13/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: T. Heath

WATER LEVELS 2.4 ft

BORING LOCATION: N/A

DATE	TIME	DEPTH	CASING	SAMPLER	CORE	TUBE
			TYPE			
			I.D.			
			WT./Fall			

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	54		3.0/4.0	0.0	0.0-1.6' Loose, moist, brown, coarse to fine sand, some(-) coarse to fine gravel (fill material)
	54			0.0	
	54			9.8	1.6-2.0' Stiff, moist, brown, medium to fine sand, and(-) clay & silt, mottled
2	54			11.7	2.0-2.4' Stiff, moist, brown/black, coarse to fine sand, some(+) clay & silt, little(-) medium to fine gravel
	55			0.0	
3	56			3.6	2.4-3.0' Loose, wet, brown, coarse to fine sand
	55				
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					



SOIL BORING LOG

Boring No.: SB-13

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/13/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: T. Heath

WATER LEVELS

BORING LOCATION:

N/A

DATE	TIME	DEPTH	TYPE	CASING	SAMPLER	CORE	TUBE
			I.D.				
			WT./Fall				

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	54		2.9/4.0	0.0	0.0-2.7' Moist, brown-dark brown, medium fine sand, some(-) gravel, little(-) silt, Fill Material (asphalt, brick)
	54			0.0	
	54			0.0	2.7-2.9' Moist, light brown, silt, fine gravel
2	53			0.0	
	50			0.0	
3					
4	50		3.2/4.0	0.0	4.0-5.6' Stiff, Moist, brown-black, medium to fine sand, some(-) clayey silt, Fill material (brick), strong odor (4.6-5.0')
	49			77.1	
5	48			167	5.6-6.8' Stiff, Moist, dark brown, clay & silt, mottled
	47			16.8	6.8-7.2' Stiff, Moist, light brown, medium to fine sand, some(-) silt
6	46				
7	44				
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
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SOIL BORING LOG

Boring No.: SB-14

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/13/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: T. Heath

WATER LEVELS

BORING LOCATION: N/A

DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
			TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	45		3.5/4.0	0.1	0.0-0.5' Stiff, moist, light brown, fine sand, some(-) silt, trace(-) gravel, roots
	48			0.0	
	49			0.1	0.5-3.5' Moist, brown-dark brown, fine sand, some(-) coarse to fine gravel, little(-) silt, asphalt (0.5-0.7')
2	50			0.4	
	49			0.8	
3	49			0.7	
	41				
4					
	48		3.0/4.0	0.0	4.0-4.5' Loose, moist, dark brown, fine sand, some(-) gravel, little(-) silt, strong odor
5	50			0.0	
	48			0.0	4.5-6.8' Moist, brown-dark gray, clayey silt, mottled
6	47			0.0	6.8-7.0' Soft, moist, dark brown, fine sand, silt
	44			0.0	
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

SOIL BORING LOG

Boring No.: SB-15

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/12/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS: 3.1 ft	BORING LOCATION: N/A
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DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
			TYPE				
			I.D.				
			WT./Fall				

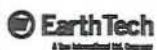
Depth (ft)	Sample Temperature (°F)	Blows per 6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	52		3.1/4.0	0.0	0.0-0.5' Topsoil
	51			0.0	0.5-1.7' Loose, moist, brown, silt & clay, trace fine gravel
2	53			0.0	1.7-2.1' Stiff, moist to damp, brown, silty clay, little medium to fine sand, trace fine gravel
	52			0.0	2.1-2.8' Loose, moist, brown, mottled, silt and clay(-)
3	53			0.0	2.8-3.1' C&D fill, brick
	50			0.0	
4	56		1.9/4.0	0.0	4.0-4.9' C&D fill, brick
5	52			0.0	4.9-5.9' Saturated, C&D fill, clay & silt, medium to fine gravel, strong odor observed
	55			0.0	*Bottom 0.25 ft is black with strong odor
6	50			2.1	
	55			0.0	
7					
8	NA		0.0/4.0	NA	None collected
9					
10					
11					
12	60			0.0	8.0-12.0' Very soft, saturated, black, medium to fine(+) sand, silty clay, slight odor observed
13	62		4.0/4.0	0.0	
	63			0.0	
14	62			2.3	
	61			2.0	
15	60			0.7	
	60			0.0	
16	61			0.0	
	61			0.0	
17					
18					
19					
20					



SOIL BORING LOG

Boring No.: SB-16

PROJECT: 34 Freeman's Bridge Road Site				CONTRACTOR: Geologic Inc.		PAGE 1 of 1		
PROJECT No.: 83060				DRILLER: Judson Powell, Josh Sandberg		DATE: 4/12/2005		
SURFACE ELEVATION: NA				SITE LOCATION: NA		ET GEOLOGIST: L. Benedict		
WATER LEVELS 9.5 ft				BORING LOCATION: N/A				
DATE	TIME	DEPTH			CASING	SAMPLER	CORE	TUBE
				TYPE				
				I.D.				
				WT./Fall				
Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES			
1	57		3.0/4.0		0.0-0.8' Topsoil			
	54			0.0				
	55			0.0	0.8-1.2' Loose, moist, brown, clayey silt, little medium to fine gravel			
2	57			0.0	1.2-2.4' Loose, moist, brown, clayey silt, some medium to fine gravel			
	57			0.0	2.4-2.9' Moist, gray black/green brown, clayey silt, trace medium to fine gravel			
3	61			1.9				
	58			0.0	2.9-3.0' Concrete			
4			3.5/4.0	0.0	4.0-4.7' Stiff, moist, black, mottled, silt and clay(-), trace fine gravel, odor			
	60			72.8	4.7-5.0' Concrete			
5	58			2.3	5.0-5.8' Stiff, moist, black, silty clay(-), trace(-) fine gravel			
	59			0.2	5.8-7.2' Soft, moist, red brown, clayey silt			
6	58			0.0	7.2-7.4' Stiff, moist, brown green, mottled, silt & clay, trace(-) fine gravel			
	60			0.0	7.4-7.9' Very soft, saturated, black, fine sand, little clayey silt, odor observed			
7	61		1.6/4.0	0.0				
	62			0.0				
8	55			0.0	8.0-8.7' Fill, medium to fine gravel, trace medium to fine sand, silt and			
	50			0.0	8.7-9.5' Stiff, moist, brown gray, silt and clay(-) mottled, odor			
9	53			0.0	9.5-9.6' Very soft, wet, black/gray, medium to fine sand, trace silt and clay			
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								



SOIL BORING LOG

Boring No.: SB-17

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/12/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS 9.0 ft

BORING LOCATION: N/A

DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
			TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	61		1.7/4.0	0.4	0.0-0.7' Topsoil
	62			0.0	0.7-1.5' Wet, fill material and asphalt
	62			0.0	1.5-1.7' Very soft, wet, black/gray brown, medium to fine sand, little silt and clay(-), trace medium to fine gravel
2	56			0.0	
	56			0.0	
3					
4	57		0.5/4.0	20.5	4.0-4.5' Stiff, moist, gray black/brown, silt and clay, weeds, strong odor observed, NAPL free product observed (red-brown, viscous)
5					
6					
7					
8					
9	54		4.0/4.0		8.0-8.4' Stiff, wet, brown, mottled, silty clay(-)
	59			0.0	8.4-8.7' Soft, wet, black, medium to fine(+) sand, trace(-) silt and clay
	60			0.0	8.7-9.0' Stiff, wet, black, medium to fine(+) sand, trace(-) silt and clay
10	59			0.0	9.0-12.0' Very soft, wet, black, medium to fine(+) sand, trace silt & clay
	58			3.2	
11	59			3.9	
	58			0.0	
12	56			0.0	
13					
14					
15					
16					
17					
18					
19					
20					

SOIL BORING LOG

Boring No.: SB-18

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/12/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS: 8.9 ft

BORING LOCATION: N/A

DATE	TIME	DEPTH	TYPE	CASING	SAMPLER	CORE	TUBE
			I.D.				
			WT./Fall				

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	50		3.2/4.0	0.0	0.0-0.5' Top Soil
				0.0	0.5-0.8' Stiff, moist, brown, mottled, clayey silt, trace(-) fine gravel
					0.8-1.1' Soft, moist to damp, gray black, coarse to fine sand, trace clay and silt(+), medium to fine gravel
	51			0.2	1.1-1.5' Stiff, moist, brown, clayey silt, some medium to fine sand, trace medium to fine gravel
2	51			0.1	1.5-2.1' Soft, moist, brown, medium to fine(+) sand, little silt
	51		3.4/4.0	0.2	2.1-2.8' Stiff, moist, green black, clayey silt, trace fine gravel
3	51			0.1	2.8-3.2' Concrete
4				0.1	4.0-4.8' Moist, gray black, some clayey silt, medium to fine gravel, trace CSD, concrete
5	57			0.3	4.8-5.2' Soft, wet, black/light gray, mottled, silty clay, medium to fine gravel, glass, strong odor observed
6	54		1.4/4.0	3.6	5.2-5.5' Soft, moist, dark brown, mottled, coarse to fine sand, little silt and clay, medium to fine gravel
	55			3.3	5.5-5.8' Soft, moist, brown, clay, little medium to fine gravel
7	52			2.7	5.8-7.4' Stiff, moist, gray black, mottled, silt & clay, ash, odor observed(unusual)
	54			5.1	8.0-8.5' Saturated, asphalt, little silt & clay
	52			2.4	8.5-8.9' Stiff, moist, gray black, mottled, silt and clay
8					8.9-9.1' Very soft, wet, black, medium fine sand, little silt & clay, odor
9	53			1.2	9.1-9.4' Stiff, moist, gray black, mottled, silt & clay
	52			0.4	
	52			1.8	
10	47			0.3	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

SOIL BORING LOG

Boring No.: SB-19

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/12/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS: 8.0 ft	BORING LOCATION: N/A
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DATE	TIME	DEPTH	TYPE	CASING	SAMPLER	CORE	TUBE
			I.D.				
			WT./Fall				

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	44		2.5/4.0	0.0	0.0-0.8' Soft, moist to damp, brown, mottled, organic, topsoil
	44			0.0	
2	44			0.0	0.8-1.5' Stiff, moist to damp, brown, mottled, silty clay, little fine gravel
	43			0.6	1.5-2.1' Asphalt
3				0.4	
				0.2	2.1-2.5' Stiff, moist, gray black, clayey silt, trace(-) medium to fine gravel
4					
5	51		3.1/4.0	0.0	4.0-5.3' Stiff, moist to damp, brown/black, clayey silt, asphalt
	51			0.4	
6	48			0.6	5.3-5.9 Stiff, moist to damp, brown/black, silty clay, trace(-) fine gravel
	49			0.2	5.9-7.1' Asphalt
7	50			0.4	
				0.1	
8				0.1	
9	46		1.5/4.0	0.0	8.0-8.9' Saturated, brown, clay, fine gravel, asphalt
	45			0.0	
10	44			0.1	8.9-9.5' Damp to wet, brown, mottled, silty clay, trace(-) medium to fine gravel, organic material
				0.0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					



SOIL BORING LOG

Boring No.: SB-20

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/12/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS 8.0 ft

BORING LOCATION: N/A

DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
			TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	42		2.2/4.0	0.0	0.0-0.9' Soft, wet, brown, organic, topsoil
	42			0.0	
	42			0.1	0.9-1.7' Stiff, damp to wet, red brown, silty clay, trace(+) fine gravel
2	44			0.0	1.7-2.2' Loose, damp to wet, brown, medium to fine sand, trace(+) clayey silt, medium to fine gravel, asphalt
3					
4					
5	47		3.1/4.0	0.0	4.0-4.8' Very soft, saturated, clayey silt, trace medium to fine gravel
	50			0.0	4.8-5.6' Asphalt
6	44			0.0	5.6-6.9' Stiff, moist, gray brown/gray, mottled, clayey silt, medium fine gravel
	45			0.1	6.9-7.1' Stiff, damp to wet, black/gray black, silty clay, little medium to fine sand, trace medium to fine gravel, odor observed (unusual)
7	46			0.0	
8					
9	43		3.2/4.0	0.0	8.0-9.4' Same as 6.9-7.1'
	43			0.0	9.4-10.3' Stiff, moist to damp, black, clayey silt, little medium fine(+) sand
	43			0.0	
10	43			0.0	10.3-11.2' Soft, gray black, mottled, medium to fine sand, clayey silt, petroleum sheen observed
	43			0.0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

SOIL BORING LOG

Boring No.: SB-21

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/11/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS 3.1 ft

BORING LOCATION: N/A

DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
			TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	53		2.3/4.0	0.6	0.0-0.3' TopSoil
	50			0.0	0.3-2.3' Loose, damp, reddish brown, some medium to fine gravel, fill material and asphalt
	50			0.0	
2	50			0.0	
3					
4					
5	62		4.0/4.0	0.0	4.0-6.9' Same as above
	64.4			0.0	6.9-7.0' Wood debris
	69.6			0.3	7.0-8.0' Stiff, damp, green gray, mottled, clay and silt
6	67.6			1.0	
	65.4			1.4	
7	66.3			0.5	
	61.3			0.5	
8	62.4			0.1	
	58.1		3.1/4.0	0.0	8.0-8.7' Stiff, moist, gray black, silty clay, trace(-) fine sand
9	50.7			0.0	8.7-9.5' Stiff, moist to damp, gray black, silty clay, trace medium(+) to fine sand
	49.4			0.0	9.5-9.8' Stiff, moist to damp, black, silty clay, little(-) fine sand
10	49.8			0.0	9.8-10.2' Very soft, wet, gray black, silty clay, and medium fine (+) sand
	49.2			0.0	
11	50			0.0	10.2-10.7' Soft, damp, black, silty clay, some fine sand
	51			0.0	10.7-11.1' Soft to stiff, gray black, mottled, clayey silt(+)
12					
13					
14					
15					
16					
17					
18					
19					
20					

SOIL BORING LOG

Boring No.: SB-22

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/11/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS 8.0 ft

BORING LOCATION: N/A

DATE	TIME	DEPTH	TYPE	CASING	SAMPLER	CORE	TUBE
			I.D.				
			WT./Fall				

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	63		3.2/4.0	0.0	0.0-0.35' Top soil
	59			0.0	0.35-0.7' Asphalt
	59			0.0	0.7-2.2' Stiff, moist, brown, silty clay, trace(-) fine gravel
2	61			0.0	2.2-2.8' Asphalt
	61			1.3	2.8-3.2' Stiff, moist, brown, clay, trace(-) fine gravel
3	62			2.9	
	62			0.8	
4	69		3.5/4.0	1.0	4.0-4.5' Stiff, moist, brown, silty clay, little(+) fine sand, trace(-) fine gravel
	70			0.2	4.5-4.75' Concrete, coarse to medium gravel
5	67			1.1	4.75-5.75' Stiff, moist, gray, silty clay, trace medium to fine sand, trace medium to fine gravel
	68			3.6	5.75-5.9' Damp, black, organic, wood debris
6	69			3.6	5.9-6.7' Stiff, moist to damp, black, silty clay, little medium to fine gravel, wood, plastic
	69			3.2	6.7-7.15' Stiff, moist to damp, gray black, clayey silt, little(-) medium to fine gravel, glass, wood
7	71			6.4	7.15-7.5' Stiff, moist to damp, black, silty clay, C&D fill, brick
8	49		2.7/4.0	0.0	8.0-8.5' Wet to saturated, black, medium fine(+) gravel, little clay & silt
	48			0.0	8.5-9.0' Stiff, wet, black, clay & little(-) silt, trace(-) fine gravel
9	48			0.0	9.0-10.7' Stiff, wet, gray black, clayey silt(-), little(-) fine gravel
	49			0.0	
10	49			0.0	
	51			0.0	
11	51			0.0	
12					
13					
14					
15					
16					
17					
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20					



SOIL BORING LOG

Boring No.: SB-23

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Geologic Inc.	PAGE: 1 of 1
PROJECT No.: 83060	DRILLER: Judson Powell, Josh Sandberg	DATE: 4/11/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS 5.5 ft

BORING LOCATION: N/A

DATE	TIME	DEPTH	TYPE	CASING	SAMPLER	CORE	TUBE
			I.D.				
			WT./Fall				

Depth (ft)	Sample Temperature (°F)	Blows per/6"	Recovery (feet)	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
1	39.7		3.2/4.0	2.8	0.0-0.8' Stiff, moist, brown, clay and silt, little (+) medium to fine gravel,
	45.9			9.5	
	51			12.7	0.8-2.4' Stiff, moist, brown to light brown, fine sand, little (-) silt, trace(-)
2	50			14.1	2.2-2.8' Asphalt
	49			14.2	2.4-3.2' Stiff, moist, light brown, silt
3	48		3.0/4.0	13.5	
	47			9.8	
4	45			11.0	4.0-4.6' Soft, moist, brown, silt and clay, trace (-) gravel, low plasticity
	47			13.4	
5	45			2.6	4.6-5.8' Soft, wet, light brown, fine sand, some (+) clayey silt, slight plasticity *Water table at 5.5'
	44			2.0	
6	44			3.4	5.8-7.0' Soft, wet, dark brown, fine sand, little (-) clayey silt, non-plastic
	44			20.6	
7	44			23.4	
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

EARTH TECH				Monitoring Well Boring Log				M. Well No.: MW (25)	
PROJECT: Freeman's Bridge PDI				PROJECT No.: 83060.02				ET GEOLOGIST: Lucas Benedict	
CONTRACTOR: Geologic, Inc.				DRILLER: Joe Menzel, Judson Powell				PAGE: 1 of 1	DATE: 4/25/05
BORING LOCATION: West-northwest of building in undeveloped field				SITE LOCATION: Glenville, New York				SURFACE ELEVATION: NA	
WATER LEVELS			RIG		CASING	SAMPLER	CORE	TUBE	
DATE	DEPTH	TIME	TYPE	CME 45C	Hollow Stem Auger	Split Spoon			
			I.D.		4.25"	2"			
			WEIGHT			140#			
			FALL			30"			
Depth (ft) bgs	Penetrometer (T/ft ² ; KG/cm ²)	Blows per/6"	Recovery (feet)	PID (ppm)	Temp. (°F)	SAMPLE DESCRIPTION AND STRATUM CHANGES		REMARKS	
0		5	0.5'/2.0'			0.0'-0.4' Soft, Moist to Damp, Brown, Clayey Silt, Little Medium to Fine Sand, Trace Fine Gravel		Topsoil and Roots	
1		4				0.4'-0.5' Loose, Dry, Grey, Coarse to Fine Gravel, Non-plastic		Fill Material to 6.0' bgs	
		3							
2		9				2.0'-2.4' Loose, Wet, Construction and Demolition Debris, Brick		Non-plastic	
		17	1.4'/2.0'			2.4'-2.7' Soft, Wet, Brown, Coarse to Fine Sand, Trace Medium to Fine Gravel, Trace Construction and Demolition Debris, Brick		Non-plastic	
3		13							
		28				2.7'-3.4' Loose, Wet, Black, Asphalt Gravel, Trace Clay and Silt		Water Table observed at approximately 3.0' bgs based on moisture in spoon casing; Odor observed; Non-plastic	
4		31							
		50/0.1	None						
5		100/0.3				5.0'-5.2' Very Soft, Saturated, Black, Silty Clay, Trace Fine Gravel, Trace Wood Fragments, Medium Plasticity			
		1	1.0'/1.0'						
6		3				5.2'-6.0' Stiff, Moist to Damp, Brown/Grey Mottled, Clayey Silt, Trace Fine Gravel		Strong Odor Observed	
		W.O.H.	1.4'/2.0'						
7		W.O.H.				6.0'-6.5' Soft to Stiff, Saturated/ Moist to Damp, Brown/Grey Mottled, Clayey Silt, Trace Fine Gravel, Medium Plastic		Odor Observed; Consistency and Moisture Content Varied	
		1							
8		2				6.5'-7.4' Stiff, Damp to Wet, Brown/Grey Mottled, Medium to Fine Sand, Medium Plastic		Odor Observed	
		W.O.H.	2.0'/2.0'						
9		1				8.0'-9.0' Very Soft, Saturated, Dark Grey, Medium to Fine Sand, Some clay and Silt, Trace Medium to Fine Gravel, Medium Plasticity		Odor Observed	
		W.O.H.							
10		1							
						9.0'-9.5' Soft, Wet, Dark Grey, Medium to Fine Sand, Some Clay and Silt, Trace Fine Gravel, Medium Plastic			
11									
						9.5'-10.0' Stiff, Wet, Dark Grey/Brown Mottled, Medium to Fine Sand, Medium Plasticity			
12									
						End Boring @ 10.0' bgs; Drillers moved laterally, then redrilled to confirm the extent of the Fill. This boring drilled to 6.0' bgs and the interval of Fill was screened.			
13									
14									
15									
16									
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EARTH TECH			Monitoring Well Boring Log				M. Well No.: MW (26)	
PROJECT: Freeman's Bridge PDI				PROJECT No.: 83060.02		ET GEOLOGIST: Lucas Benedict		
CONTRACTOR: Geologic, Inc.				DRILLER: Joe Menzel, Judson Powell		PAGE: 1 of 1		DATE: 4/26/05
BORING LOCATION: West of onsite building along roadway				SITE LOCATION: Glenville, New York		SURFACE ELEVATION: NA		
WATER LEVELS			RIG		CASING	SAMPLER	CORE	TUBE
DATE	DEPTH	TIME	TYPE	CME 45C	Hollow Stem Auger	Split Spoon		
			I.D.		4.25"	2"		
			WEIGHT			140#		
			FALL			30"		
Depth (ft) bgs	Penetrometer (T/ft ² ; KG/cm ²)	Blows per/6"	Recovery (feet)	PID (ppm)	Temp. (°F)	SAMPLE DESCRIPTION AND STRATUM CHANGES		REMARKS
0		13	1.2'/2.0'			0.0'-0.2' Soft, Wet, Brown, Clay and Silt, Some Coarse to Fine Sand, Little Medium to Fine Gravel		Topsoil and Roots
1		16				0.2'-0.5' Loose, Damp, Black, Coarse to Fine Gravel, Little Medium to Fine Sand		Asphalt; Odor Observed
2		9				0.5'-1.2' Stiff, Damp to Wet, Brown/Grey Mottled, Clayey Silt, Trace (+) Medium to Fine Gravel, Trace Fine Sand, Low Plasticity		Odor Observed
3		3	1.0'/2.0'			2.0'-3.0' Stiff, Damp to Wet, Brown/Grey Mottled, Clayey Silt, Trace Fine Sand, Trace (-) Fine Gravel, Medium Plasticity		
4		2				4.0'-5.0' Same as Above		
5		2				6.0'-7.2' Same as Above		
6		2	2.0'/2.0'			7.2'-8.0' Soft, Saturated, Brown, Medium to Fine Sand, Little Clayey Silt, Trace Fine Gravel, Low Plasticity		Occasional Lenses of Clayey Silt
7		W.O.H.						
8		1						
9		1						
10								
11								
12								
13								
14								
15								
16								
17								
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22								

EARTH T E C H N I C S				Monitoring Well Boring Log				M. Well No.: MW (27)	
PROJECT: Freeman's Bridge PDI				PROJECT No.: 83060.02				ET GEOLOGIST: Lucas Benedict	
CONTRACTOR: Geologic, Inc.				DRILLER: Joe Menzel, Judson Powell				PAGE: 1 of 1	DATE: 4/27/05
BORING LOCATION: Southeast corner of building; Near overhead door				SITE LOCATION: Glenville, New York				SURFACE ELEVATION: NA	
WATER LEVELS				RIG	CASING	SAMPLER	CORE	TUBE	
DATE	DEPTH	TIME	TYPE	CME 45C	Hollow Stem Auger	Split Spoon			
NA			I.D.		4.25"	2"			
			WEIGHT			140#			
			FALL			30"			
Depth (ft) bgs	Penetrometer (T/ft ² ; KG/cm ²)	Blows per/6"	Recovery (feet)	PID (ppm)	Temp. (°F)	SAMPLE DESCRIPTION AND STRATUM CHANGES		REMARKS	
0	1.25@0.25'	12	1.4'/2.0'			0.0'-0.5' Medium Stiff, Moist, Brown/Dark Grey, Coarse to Fine Gravel, and Clay and Silt, Little Coarse to Fine Sand		2" Pieces of Asphalt at bottom of the 0.0-0.5 interval	
1	1.0@1.0'	8				0.5'-1.2' Medium Stiff, Moist, Red Brown, Medium to Fine Gravel, and Clay and Silt, Little Coarse to Fine Sand		A 0.1' interval from 0.11'-0.12' bgs of a micaceous, vesicular substance with conchoidal fracture. Interpreted as resin of some kind.	
	<0.5@1.2'	7				1.2'-1.3' Soft, Moist, Black, Medium to Fine Gravel, Some Clay and Silt			
2	1.25@1.3'	5	1.3'/2.0'			1.3'-1.4' Medium Stiff, Moist, Brown, Medium to Fine Sand		1.2'-1.3' : Odor Observed; Rubber Gasket found	
		3				2.0'-2.2" Loose, Damp, Brown, Coarse to Fine Sand, Some Coarse to Fine Gravel, Trace Clay and Silt		2.0'-2.2' Asphalt Pieces; Interpreted as Sluff	
3		3				2.2'-3.3' Soft, Damp, Black/White Mottled, Coarse to Fine Sand, Some Clay and Silt, Little Coarse to Fine Gravel		2.2'-3.3' Strong Odor; White mottling is Clay/Silt sized	
4	<0.5@4.6'	1	1.0'/2.0'			4.0'-4.4' Same as above, Becomes more competent with depth		4.0'-4.4' Interpreted as Sluff	
5	1.0@4.9'	2				4.4'-4.7' Very Soft/ Loose, Wet, Black, Coarse to Fine Sand, Coarse to Fine Gravel, Trace Clay and Silt		6.0'-6.6' Interpreted as Sluff	
		2				4.7'-4.8' Loose, Moist, C&D, brick			
6		1	1.6'/2.0'			4.8'-5.0' Soft, Damp, Dark Brown/ Dark Grey, Clayey Silt, Medium to High Plasticity			
7	1.0@7.4'	2				6.0'-6.6' Loose, Wet, Brown, Coarse to Fine Gravel		8.0'-8.4' Interpreted as Sluff	
		1				6.6'-7.1' Soft, Damp, Dark Brown/Dark Grey, Clayey Silt		8.4'-9.0' Becomes more competent with depth	
8	1.0@8.7'	2	1.0'/1.0'			7.1'-7.6' Soft, Damp to Wet, Dark Brown/ Dark Grey, Fine Sand, Little Clay and Silt		9.0'-9.5' Interpreted as Sluff	
9		1	1.5'/2.0'			8.0'-8.4' Loose, Wet, Dark Brown/Grey, Coarse to Fine Gravel, and Clayey Silt, Trace Coarse to Fine Sand			
10		W.O.H.				8.4'-9.0' Soft, Moist to Damp, Dark Grey/ Dark Brown, Clayey Silt			
11		1				9.0'-9.5' Loose, Wet, Dark Brown, Coarse to Fine Gravel, and Clayey Silt, Trace Coarse to Fine Sand			
12						9.5'-10.5' Soft, Wet to Saturated, Dark Brown/Dark Grey, Fine Sand			
13									
14									
15						End Boring @ 11.0' bgs. Drillers auger to 10.0' bgs. Clayey Silt interval was screened.			
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22									


EARTH TECH				Monitoring Well Boring Log				M. Well No.: MW (28)			
PROJECT: Freeman's Bridge PDI				PROJECT No.: 83060.02				ET GEOLOGIST: Lucas Benedict			
CONTRACTOR: Geologic, Inc.				DRILLER: Joe Menzel, Judson Powell				PAGE: 1 of 1		DATE: 4/27/05	
BORING LOCATION: Northwest corner of building; Near overhead door				SITE LOCATION: Glenville, New York				SURFACE ELEVATION: NA			
WATER LEVELS			RIG		CASING	SAMPLER	CORE	TUBE			
DATE	DEPTH	TIME	TYPE	CME 45C	Hollow Stem Auger	Split Spoon					
NA			I.D.		4.25"	2"					
			WEIGHT			140#					
			FALL			30"					
Depth (ft) bgs	Penetrometer (T/ft ² ;KG/cm ²)	Blows per/6"	Recovery (feet)	PID (ppm)	Temp. (°F)	SAMPLE DESCRIPTION AND STRATUM CHANGES			REMARKS		
0	2.25@0.5'	32	1.5'/2.0'			0.0'-0.7' Loose, Moist, Black with Brown pockets, Coarse to Fine Gravel, Some Coarse to Fine Sand, Trace Clay and Silt			Asphalt Surface and Subase Material		
1		15				0.7'-1.5' Loose, Moist, Light Grey, Coarse to Fine Gravel, Coarse to Fine Sand, Trace Silt and Clay			Limestone fill and other subase Material		
		9				2.0'-2.8' Same as Above			2.0'-2.8' Interpreted as Sluff		
2		8				4.0'-4.5' Loose/Medium Stiff, Moist, Dark Grey, Coarse to Fine Gravel, Some Clay and Silt, Trace Fine Sand, Non-plastic			4.0'-4.5' Interpreted as Sluff; Material is mostly loose with Cohesive portions		
		8	0.8'/2.0'			4.5'-5.9' Stiff, Moist to Damp, Brown/Grey Mottled, Clay, Trace Fine Gravel, High Plasticity			4.5'-5.9' Odor Observed; Black Sticky Substance observed at 5.0' bgs		
3		12				6.0'-6.5' Loose/Medium Stiff, Moist, Dark Grey, Coarse to Fine Gravel, Some Clay and Silt, Trace Fine Sand, Non-plastic			6.0'-6.5' Interpreted as Sluff; Material is mostly loose with Cohesive portions		
		7				6.5'-7.9' Stiff, Moist to Damp, Brown/Grey Mottled, Clay, Trace Fine Gravel, High Plasticity			6.0'-6.5' Interpreted as Sluff; Material is mostly loose with Cohesive portions		
4	1.75	2	1.9'/2.0'			8.0'-8.5' Loose/Medium Stiff, Moist, Dark Grey, Coarse to Fine Gravel, Some Clay and Silt, Trace Fine Sand, Non-plastic			8.0'-8.5' Interpreted as Sluff; Interpreted as Sluff; Material is mostly loose with Cohesive portions; Moisture increased with depth		
5	1.5	2				8.5'-8.9' Stiff, Moist to Damp, Brown/Grey Mottled, Clay, Trace Fine Gravel, High Plasticity			10.0'-10.5' Interpreted as Sluff; Interpreted as Sluff; Material is mostly loose with Cohesive portions		
	1.75	3				10.0'-10.5' Very Soft, Saturated, Dark Brown, Clay and Silt, Some Coarse to Fine Gravel			10.0'-10.5' Interpreted as Sluff; Material is mostly loose with Cohesive portions		
6		3				10.5'-11.8' Very Soft, Saturated, Dark Grey/Brown Mottled, Clay					
	1.25	4	1.9'/2.0'			12.0'-12.3' Loose/Medium Stiff, Moist, Dark Grey, Coarse to Fine Gravel, Some Clay and Silt, Trace Fine Sand, Non-plastic					
7	1.0	4				12.3'-13.0' Stiff, Moist to Damp, Brown/Grey Mottled, Clay, Trace Fine Gravel, High Plasticity					
	1.5	3				13.0'-13.5' Loose, Wet, Grey/Dark Grey, Coarse to Fine Gravel			Fill Material; Possibly from below prexisting underground storage tank		
8	1.25	2				13.5'-13.9' Loose, Saturated, Dark Grey, Coarse to Fine Sand, Little Coarse to Fine Gravel					
	2.25	2	1.9'/2.0'								
9	1.5	2									
	1.5	2									
10	<0.5	1	1.8'/2.0'								
		1									
11		W.O.H									
		1									
12	1.5	12	1.9'/2.0'								
13	1.0	24									
	<0.5	24									
14		12									
15						End Boring @ 14.0' bgs. Drillers auger to 14.0' bgs, apply 2.0' of sand. Clay/ Clayey Silt interval was screened.					
16											
17											
18											
19											
20											
21											
22											

EARTH TECH				Geotechnical Boring Log				Boring No.: DB (2)	
PROJECT: Freeman's Bridge PDI				PROJECT No.: 83060.02				ET GEOLOGIST: Lucas Benedict	
CONTRACTOR: Geologic, Inc.				DRILLER: Joe Menzel, Judson Powell				PAGE: 1 of 2 DATE: 4/26/05	
BORING LOCATION: Northwest Corner of Gravel Paved surface				SITE LOCATION: Glenville, New York				SURFACE ELEVATION: NA	
WATER LEVELS				RIG	CASING	SAMPLER	CORE	TUBE	
DATE	DEPTH	TIME	TYPE	CME 45C	Hollow Stem Auger	Split Spoon			
NA			I.D.		3.25"	2"			
			WEIGHT			140#			
			FALL			30"			
Depth (ft) bgs	Penetrometer (T/ft ² ; KG/cm ²)	Blows per 6"	Recovery (feet)	PID (ppm)	Temp. (°F)	SAMPLE DESCRIPTION AND STRATUM CHANGES		REMARKS	
0		10	1.0'/2.0'			0.0'-0.2' Loose, Moist, Grey/Brown, Coarse to Fine Gravel, Little Coarse to Fine Sand		Asphalt Surface and Subbase Material	
1		8				0.2'-0.6' Soft, Moist, Brown, Coarse to Fine Sand, Some Coarse to Fine Gravel			
2		9				0.6'-0.7' Loose, Moist, Black, Coarse to Fine Gravel		Asphalt	
3		7	0.2'/2.0'			0.7'-1.0' Loose, Moist, Brown/Dark Grey, Coarse to Fine Gravel, Trace Medium to Fine Sand, Trace Silt and Clay		Fill Material	
4		12				2.0'-2.2' Loose, Dry, Grey/Light Grey, Coarse to Fine Gravel		Sluff, Fill Material	
5		5				4.0'-4.1' Loose, Dry, Grey/Light Grey, Coarse Gravel		Sluff, 2 pieces of Gravel Fill Material	
6		3	0.1'/2.0'						
7	1.25	2				6.0'-6.4' Medium-Stiff, Moist, Black, Clayey Silt, Trace Fine Sand, Trace Fine Gravel		6.0'-6.6' Interpreted as Sluff, Strong odor from 6.0'-6.4'	
8	0.5	3				6.4'-6.6' Loose, Moist, Grey, Coarse to Fine Gravel, Coarse to Fine Sand, Trace (-) Silt and Clay			
9		1	1.8'/2.0'			6.6'-8.0' Soft, Moist, Brown/Grey Mottled, Clayey Silt		Interpreted as Sluff	
10	0.75@9.0'	1				8.0'-8.2' Loose, Moist, Grey/Brown, Coarse to Fine Gravel, Trace Medium to Fine Sand, Trace Silt and Clay			
11	<0.5@10.9'	2				8.2'-9.8' Soft, Moist, Grey/Brown Mottled, Clayey Silt		Interpreted as Sluff	
12		1	1.2'/2.0'			10.0'-10.4' Same as Above			
13		2				10.4'-10.5' Loose, Moist, Coarse to Fine Sand, Trace Coarse to Fine Gravel		Interpreted as Sluff	
14	1.0	6				10.5'-11.2' Very Soft, Wet, Dark Grey, Clay			
15	<0.5	1	1.7'/2.0'			12.0'-12.9' Stiff, Wet, Brown/Grey Mottled, Clayey Silt, Trace Fine Gravel		Interpreted as Sluff	
16		2				12.9'-13.7' Very Soft, Saturated, Dark Grey, Coarse to Fine Sand, Trace (-) Coarse and Fine Gravel			
17		3				14.0'-14.9' Very Soft, Saturated, Dark Brown/Grey, Coarse to Fine Sand, Trace Medium to Fine Gravel			
18		2	1.9'/2.0'			14.9'-15.9' Loose, Wet, Brown, Coarse to Fine Sand, Some Coarse to Fine Gravel		Drillers noted that the interval from 14.0'-18.0' bgs was "Crunchy"	
19		14							
20		14							
21		8							
22	<0.5	5	1.4'/2.0'			20.0'-20.6' Very Soft, Saturated, Dark Grey, Coarse to Fine Sand, Trace Medium to Fine Gravel			
23	<0.5	5				20.6'-21.4' Soft, Wet, Tan/Light Brown, Coarse to Fine Sand			
24	<0.5	5							
25		5							

EARTH T E C H N I C S				Geotechnical Boring Log				Boring No.: DB (2)	
PROJECT: Freeman's Bridge PDI				PROJECT No.: 83060.02				ET GEOLOGIST: Lucas Benedict	
CONTRACTOR: Geologic, Inc.				DRILLER: Joe Menzel, Judson Powell				PAGE: 2 of 2	DATE: 4/26/05
BORING LOCATION: Northwest Corner of Gravel Paved surface				SITE LOCATION: Glenville, New York				SURFACE ELEVATION: NA	
WATER LEVELS			RIG		CASING	SAMPLER	CORE	TUBE	
DATE	DEPTH	TIME	TYPE		CME 45C	Hollow Stem Auger	Split Spoon		
NA			I.D.			3.25"	2"		
			WEIGHT				140#		
			FALL				30"		
Depth (ft) bgs	Penetrometer (T/ft ² ;KG/cm ²)	Blows per/6"	Recovery (feet)	PID (ppm)	Temp. (°F)	SAMPLE DESCRIPTION AND STRATUM CHANGES		REMARKS	
22									
23									
24									
25	<0.5	6	1.6'/2.0'			25.0'-26.6' Soft, Saturated, Black, Coarse to Fine Sand, Some Coarse to Fine Gravel			
26		12							
27		17							
28		15							
29									
30	<0.5	12	1.2'/2.0'			30.0'-30.7' Soft, Saturated, Brown, Coarse to Fine Sand			
31		12				30.7'-31.2' Soft, Wet, Black, Coarse to Fine Sand, Some Coarse to Fine Gravel			
32		10							
33		10							
34									
35		12	2.0'/2.0'			36.0'-36.2' Soft, Saturated, Brown, Coarse to Fine Sand			
36		14				36.2'-38.0' Soft, Wet, Black, Coarse to Fine Sand, Little Coarse to Fine Gravel			
37		18							
38		17							
39									
40		15	1.9'/2.0'			40.0'-41.9' Same as Above			
41		6							
42		8							
43		10							
44									

EARTH TECH			Geotechnical Boring Log					Boring No.: DB (3)	
PROJECT: Freeman's Bridge PDI				PROJECT No.: 83060.02				ET GEOLOGIST: Lucas Benedict	
CONTRACTOR: Geologic, Inc.				DRILLER: Joe Menzel, Judson Powell				PAGE: 1 of 1	DATE: 4/28/05
BORING LOCATION: Approx. 300' West of building along roadway				SITE LOCATION: Glenville, New York				SURFACE ELEVATION: NA	
WATER LEVELS				RIG	CASING	SAMPLER	CORE	TUBE	
DATE	DEPTH	TIME	TYPE	CME 45C	Hollow Stem Auger	Split Spoon			
NA			I.D.		3.25"	2"			
			WEIGHT			140#			
			FALL			30"			
Depth (ft) bgs	Penetrometer (T/ft ² ;KG/cm ²)	Blows per/6"	Recovery (feet)	PID (ppm)	Temp. (°F)	SAMPLE DESCRIPTION AND STRATUM CHANGES		REMARKS	
0	2.5	6	1.4'/2.0'			0.0'-0.7' Stiff, Moist, Brown, Coarse to Fine Sand, Some (+) Medium to Fine Gravel, Trace Clay and Silt		Some Roots	
1	2.0	9				0.7'-1.1' Stiff, Moist, Dark Brown, Clayey Silt, Less Coarse to Fine Sand, Trace Medium to Fine Gravel			
2	>4.5	9				1.1'-1.4' Very Stiff-Hard, Red/Blue		Hard Resin or Dried Paint; Strong Odor	
3	1.25	4	1.3'/2.0'			2.0'-2.6' Medium Stiff, Moist, Dark Grey/Dark Brown, Clayey Silt, Trace Medium to Fine Gravel		2.0'-2.6' Wood Cinders at Bottom of interval	
4	1.25	3				2.6'-3.1' Medium Stiff, Moist, Dark Brown, Clayey Silt			
5	<0.5	3				3.1'-3.3' Very Soft, Wet, Brown, Medium to Fine Sand		Interpreted as Sluff	
6	<0.5	2	2.0'/2.0'			4.0'-4.1' Soft, Moist to Damp, Dark Grey/Dark Brown, Clayey Silt			
7	<0.5	2				4.1'-4.7' Very Soft, Wet, Brown, Medium to Fine Sand			
8	<0.5	2				4.7'-5.2' Medium Stiff, Moist to Damp, Brown, Clayey Silt			
9	<0.5	W.O.H.	2.0'/2.0'			5.2'-5.6' Very Soft, Wet, Brown/Tan Mottled, Medium to Fine Sand, Less Clay and Silt		5.2'-5.6' Becomes Softer / Moisture Increases with Depth	
10		1				6.0'-6.4' Loose, Moist, Brown/Red, Medium to Fine Sand, Some Medium to Fine Gravel, Less (+) Clay and Silt		6.0'-6.4' Interpreted as Sluff	
11	2.25	W.O.H.	1.9'/2.0'			6.4'-6.5' Soft, Moist to Damp, Brown/Tan/Grey Mottled, Clayey Silt			
12		W.O.H.				6.5'-7.1' Very Soft, Wet, Brown/Tan Mottled, Medium to Fine Sand, Less Clay and Silt			
13		2				7.1'-8.0' Very Soft, Wet to Saturated, Black/Dark Grey, Medium to Fine Sand, Less Clay and Silt			
14	0.5	W.O.H.	2.0'/2.0'			8.0'-8.1' Stiff, Moist, Brown with bits of Red, Clayey Silt		Interpreted as Sluff	
15		W.O.H.				8.1'-8.9' Very Soft, Wet, Brown, Medium to Fine Sand, Less Clay and Silt			
16		W.O.H.				8.9'-9.9' Soft, Wet to Saturated, Brown, Medium to Fine Sand, Less Clay and Silt			
17						10.0'-10.5' Soft, Moist to Damp, Brown/Grey/with bits of Red, Clayey Silt, Less Medium to Fine Sand		Interpreted as Sluff	
18						10.5'-12.0' Very Soft, Wet to Saturated, Dark Brown, Medium to Fine Sand, Less Clay and Silt			
19		8	2.0'/2.0'			15.0'-15.6' Very Soft, Wet to Saturated, Dark Grey/Dark Brown, Coarse to Fine Sand, Less Medium to Fine Gravel, Trace Clay and Silt		Interpreted as Sluff	
20		31				15.6'-17.0' Very Stiff-Hard, Dry, Dark Grey/Black, Clay and Silt		Glacial Till; Interval of Cobbles from 16.7'-16.9' bgs	
21		63							
22		66							
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EARTH T E C H N			Geotechnical Boring Log				Boring No.: DB (3B)	
PROJECT: Freeman's Bridge PDI				PROJECT No.: 83060.02		ET GEOLOGIST: Lucas Benedict		
CONTRACTOR: Geologic, Inc.				DRILLER: Joe Menzel, Judson Powell		PAGE: 1 of 2		DATE: 4/28/05
BORING LOCATION: ~100-150' West of building along roadway				SITE LOCATION: Glenville, New York		SURFACE ELEVATION: NA		
WATER LEVELS			RIG		CASING	SAMPLER	CORE	TUBE
DATE	DEPTH	TIME	TYPE	CME 45C	Hollow Stem Auger	Split Spoon		
NA			I.D.		3.25"	2"		
			WEIGHT			140#		
			FALL			30"		
Depth (ft) bgs	Penetrometer (T/ft ² ; KG/cm ²)	Blows per 6"	Recovery (feet)	PID (ppm)	Temp. (°F)	SAMPLE DESCRIPTION AND STRATUM CHANGES		REMARKS
0								
1								
2								
3								
4								
5	1.25	1	2.0'/2.0'			5.0'-5.5' Medium Stiff (1.25), Moist, Dark Brown/Black/Dark Grey, Clayey Silt, Some Coarse to Fine Gravel, Little Coarse to Fine Sand		Interpreted as Sluff
6	1.0	2				5.5'-6.0' Medium Stiff (1.0), Moist to Damp, Brown/Grey Mottled, Clayey Silt		
7	<0.5	1				6.0'-7.0' Soft (<0.5), Wet, Brown, Medium to Fine(+) Sand, Trace Clayey Silt		Pockets of Clayey Silt
8		2				8.0'-10.4' Medium Stiff (1.25), Wet, Brown, Clay and silt, Little(-) Coarse to Fine Gravel, trace(-) Coarse to Medium Sand		Interpreted as Sluff
9	1.25							
10								
11		W	2.0'/2.0'			10.4'-12.0' Very Soft(<0.5), Wet to Saturated, Dark Brown, Medium to Fine(+) Sand, Trace Clayey Silt		Pockets of Stiff Clayey Silt
12		1						
13		1						
14		1						
15								
16		2	2.0'/2.0'			15.0'-15.9' Same as above		Interpreted as Sluff
17		2				15.9'-16.6' Same as above		
18		5						
19		17				16.6'-17.0' Soft, Wet to Saturated, Dark Brown/Dark Grey, Coarse to Fine Sand, Trace Coarse to Medium Gravel at Bottom		Cobbles found in shoe and in bottom 0.1'
20								
21		91	2.0'/2.0'			18.3'-19.8' Same as Above		
22		10						
		17						
		10				19.8'-20.3' Loose, Wet, Dark Grey, Coarse to Fine Gravel, Coarse to Fine Sand, Large Cobbles		

EARTH  TECH				Geotechnical Boring Log				Boring No.: DB (3B)			
PROJECT: Freeman's Bridge PDI						PROJECT No.: 83060.02				ET GEOLOGIST: Lucas Benedict	
CONTRACTOR: Geologic, Inc.						DRILLER: Joe Menzel, Judson Powell				PAGE: 1 of 2	
BORING LOCATION: ~100-150' West of building along roadway						SITE LOCATION: Glenville, New York				SURFACE ELEVATION: NA	
WATER LEVELS			RIG		CASING	SAMPLER	CORE	TUBE			
DATE	DEPTH	TIME	TYPE	CME 45C	Hollow Stem Auger	Split Spoon					
NA			I.D.		3.25"	2"					
			WEIGHT			140#					
			FALL			30"					
Depth (ft) bgs	Penetrometer (T/ft ² , KG/cm ²)	Blows per/6"	Recovery (feet)	PID (ppm)	Temp. (°F)	SAMPLE DESCRIPTION AND STRATUM CHANGES			REMARKS		
22											
23											
24											
25		55	1.2'/2.0'			25.0'-25.1' Very Soft, Saturated, Dark Grey, Coarse to Fine Sand, Little Medium to Fine Gravel, Trace Clay and Silt			Interpreted as Sluff		
26		37				25.1'-26.2' Loose, Wet, Dark Grey, Coarse to Fine Gravel, Coarse to Fine Sand			Large Cobbles		
27		26									
		52				27.2'-27.4' Same as Above; Refusal at 27.4'					
28											
29											
30											
31											
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44											

EARTH T E C H N I C S				Geotechnical Boring Log			Boring No.: DB (4)	
PROJECT: Freeman's Bridge PDI				PROJECT No.: 83060.02			ET GEOLOGIST: Lucas Benedict	
CONTRACTOR: Geologic, Inc.				DRILLER: Joe Menzel, Judson Powell			PAGE: 1 of 2	DATE: 4/26/05
BORING LOCATION: West Corner of Building near overhead door				SITE LOCATION: Glenville, New York			SURFACE ELEVATION: NA	
WATER LEVELS			RIG		CASING	SAMPLER	CORE	TUBE
DATE	DEPTH	TIME	TYPE		CME 45C	Hollow Stem Auger	Split Spoon	
NA			I.D.			3.25"	2"	
			WEIGHT				140#	
			FALL				30"	
Depth (ft) bgs	Penetrometer (T/ft ² ; KG/cm ²)	Blows per/6"	Recovery (feet)	PID (ppm)	Temp. (°F)	SAMPLE DESCRIPTION AND STRATUM CHANGES		REMARKS
0		11	1.4/2.0			0.2-0.6' Loose, Dry, Gray/ Light Brown, Coarse to Fine Gravel, Trace Fine Sand		Fill
1		11				0.6-0.8' Loose, Moist, Red Brown, Coarse to Fine Gravel, Coarse to Fine Sand, Trace Clay and Silt		
		7						
2		7				0.8-0.9' Loose, Moist, Black, Clay & Silt, Little Medium Fine Sand, Trace Fine Gravel		
		7	0.8/2.0					
3		4				0.9-1.4' Medium Stiff, Moist, Black/Tan Mottled, Clay & Silt(+), Some Coarse to Fine Gravel		Asphalt.; Cloth Material
		2						
4		3				2.0-2.1' Same as Above		Sluff
		2	0.8/2.0			2.1-2.4' Medium Stiff, Wet, Black, Medium Fine Sand, Trace Fine Gravel		Odor Observed
5		2						
		4				2.4-2.7' Medium Stiff, Moist, Black/Tan Mottled, Clay & Silt(+), Some Coarse to Fine Gravel		
6		3						
		2	1.4/2.0			2.7-2.8' Loose, Wet, Black, Coarse to Fine Sand, Some Coarse to Fine Gravel, C& D Brick		
7		2						
		2				4.0-4.4' Very Soft, Saturated, Brown, Coarse to Fine Sand, And Coarse to Fine Gravel, Trace Clay & Silt		
8		2						
		1	0.7/2.0			4.4-4.5' Loose, Wet, Black, Coarse to Fine Sand, Some Coarse to Fine Gravel, C&D Brick		Becomes more competent(sp?) with Depth
9		1				4.5-4.8' Very Soft, Wet, Dark Gray, Clayey Silt		
		1				6.0-6.3' Loose, Saturated, Black, Coarse to Fine Sand, C&D Brick		6.0-6.3 odor & sheen observed
10						6.3-7.0' Medium Stiff, Wet, Brown/Gray Mottled, Clayey Silt		
						7.0-7.4' Soft, Saturated, Dark Gray, Medium to Fine Sand, Organics		7.0-7.4 Roots, wood pieces
11						8.0-8.7' Very Soft, Saturated, Black/Dark Gray, Coarse to Fine Sand, Coarse to Fine Gravel, Brick		8.0-8.7 Sluff
12								
13								
14								
15		9	1.7/2.0			15.0-15.4' Loose, Saturated, Dark Brown, Coarse to Fine Gravel, little(+)Clay & Silt, Little Coarse to Fine Sand, C&D Brick		
16		7						
		4				15.4-15.7 Very Soft, Saturated, Dark Brown/Dark Gray, Clayey Silt, Trace(-) Medium Gravel, C&D Brick		
17		4						
						15.7-16.4' Soft, Saturated, Dark Brown/Dark Gray, Medium Fine Sand, Trace Clay & Silt, Trace(-) C&D Brick		
18						16.4-16.7' Wood Debris		Odor Observed
19								
20	0.5	9	2.0/2.0			20.0-22.0' Soft, Wet, Dark Brown/Gray, Coarse to Fine Sand, Little Clay & Silt, Trace Coarse to Fine Gravel, C&D Brick, Wood		Lenses(sp?) of Clayey Silt are very Soft <0.5
21		9						
		14						
22		16						

EARTH TECH				Geotechnical Boring Log				Boring No.: DB (4)	
PROJECT: Freeman's Bridge PDI				PROJECT No.: 83060.02				ET GEOLOGIST: Lucas Benedict	
CONTRACTOR: Geologic, Inc.				DRILLER: Joe Menzel, Judson Powell				PAGE: 2 of 2 DATE: 4/26/05	
BORING LOCATION: West Corner of Building near overhead door				SITE LOCATION: Glenville, New York				SURFACE ELEVATION: NA	
WATER LEVELS			RIG		CASING	SAMPLER	CORE	TUBE	
DATE	DEPTH	TIME	TYPE	CME 45C	Hollow Stem Auger	Split Spoon			
NA			I.D.		3.25"	2"			
			WEIGHT			140#			
			FALL			30"			
Depth (ft) bgs	Penetrometer (T/ft ² ;KG/cm ²)	Blows per/6"	Recovery (feet)	PID (ppm)	Temp. (°F)	SAMPLE DESCRIPTION AND STRATUM CHANGES		REMARKS	
22									
23									
24									
25		9	1.7/2.0			25.0-26.7' Soft, Wet, Dark Brown/Gray, Coarse to Fine Sand, Trace Coarse to Fine Gravel		Sluff from 25.0-25.8	
26		5							
27		3							
28		6							
29									
30		6	2.0/2.0			30.0-32.0' Soft, Wet, Dark Brown, Coarse to Fine Sand, Trace Coarse to Fine Gravel			
31		6							
32		7							
33		9							
34									
35									
36		8	2.0/2.0			35.0-37.0' Same as Above			
37		5							
38		3							
39		6							
40									
41		4	2.0/2.0			40.0-41.7' Same As Above			
42	1.25	8							
43		9							
44		11				41.7-42.0' Stiff, Damp to Wet, Dark Gray, Clayey Silt			



TEST PIT LOG

Test Pit No.: TP-36

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/8/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS

Equipment: John Deere 410D N/A

DATE	TIME	DEPTH	TYPE	CASING	SAMPLER	CORE	TUBE
4/8/2005	9:17	42"					
4/8/2005	11:45	34"	I.D.				
			WT./Fall				

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
		0.0	0.0-0.5' Moist to wet, brown, top soil, fill material, clay & silt (-)
1			0.5-1.0' Moist, brown, clay(-) & silt, coarse medium(+) fine sand, little gravel, C&D fill(<1%), bricks, wood, stone cobbles
		0.0	1.0-1.5' Moist, brown, clay & silt(+), little gravel, shale, little cobble, concrete slab
2	TP-36 (2-3)	15.0	1.5-3.5' grey to black, clay & silt, little gravel, shale(75%), odor, C&D materials(~15%): rebar, pipes, drum gaskets, hydraulic pump, plastic with black residue, rail ties, glass, resin, metal ribbon, barrel tops
		132	
3	TP-36-3-4	130	
4			
5			
6			
7			
8			
9			
10			



TEST PIT LOG

Test Pit No.: TP-37

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE: 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/8/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS			Equipment: John Deere 410D N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
4/8/2005	11:21	29"	TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
		0.0 0.3	0.0-1.0' Fill Materials: Gravel, cobbles, rip rap
1			1.0-2.0' Moist to damp, brown, clay & silt(+), coarse to fine sand, some gravel, trash, C&D materials, brick
2	TP-37 (2-3)	0.1	2.0-2.5' Damp to wet, black, clay & silt(+), coarse(+) to fine sand, little gravel, C&D materials (<1%), tubing
			Ground water 29" below grade
3			
4			
5			
6			
7			
8			
9			
10			

TEST PIT LOG

Test Pit No.: TP-38

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE: 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/7/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS			Equipment: John Deere 410D N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
4/7/2005		36"	TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
			0.0-1.0' Moist, brown, clay & silt(+), few pebbles, topsoil
1	TP-38 (1-2A)		1.0-1.5' Moist, brown, clay & silt(+), medium(+) fine sand, gravel (TP-38 (1-2A))
	TP-38 (1-2B)		1.5-2.0' Moist, black, clay & silt(+), medium to fine sand, gravel, (TP-38 (1-2B))
2	TP-38 (2-3)		2.0-3.0' Loose, moist to damp, black, wood fragments, coarse to medium(+) sand, C&D materials: bricks, concrete blocks, metal pipes
3			3.0- Loose, damp to saturated, black, wood fragments, railroad ties, asphalt, strong odor Water Table observed 3' below grade
4			
5			
6			
7			
8			
9			
10			

TEST PIT LOG

Test Pit No.: TP-39

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE: 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/7/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS			Equipment: John Deere 410D N/A				
DATE	TIME	DEPTH	TYPE	CASING	SAMPLER	CORE	TUBE
4/7/2005		3.5'					
			I.D.				
			WT./Fall				

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES	REMARKS
0		0.1	0.0-1.5' Loose, moist, brown, clay & silt, little(-) gravel, cobbles, topsoil	
1				
2	TP-39 (2-3)	0.1 0.1	1.5-3.0' Brown to light brown, clay & silt, little(-) gravel, C&D material: large concrete blocks	
3	TP-39 (3-4)	0.1	3.0-3.5' Moist, black, clay & silt(+), medium (+) fine sand	Apparent Septic Field or natural swamp sediment.
4		0.1	3.5'- Black, Clay & Silt(+), medium(+) fine sand; Water Table observed	little foul odor.
5				Water bubbled up after encountering black interval.
6				
7				
8				
9				
10				

TEST PIT LOG

Test Pit No.: TP-40

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE: 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/7/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS			Equipment: John Deere 410D N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
4/7/2005		48"	TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES	REMARKS
		0.0	Moist to damp, brown, silty clay, medium to fine(+) sand, little gravel, top soil, C&D fill: bricks, concrete	
1	TP-40 (1-2)	0.0	Brown, clay & silt(+), medium(+) to fine sand, little gravel, C&D fill: brick, solid tar or asphalt material with observed concoidal fractures	
		0.0		
2		0.0		
3	TP-40 (3-4)	0.0	Black, clay & silt(+), medium(+) to fine sand, little gravel, C&D material: bricks, concrete	Organic Odor observed
4		0.0	Ground Water table observed at 48"	
5				
6				
7				
8				
9				
10				

TEST PIT LOG

Test Pit No.: TP-41

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE: 1 of 1
PROJECT No: 83060	Excavator: Luther Keyes	DATE: 4/6/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS			Equipment: John Deere 410D N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
4/6/2005		5'	TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES	REMARKS
	TP-41(1-2)	0.5	Loose, Moist, light brown, little medium to fine gravel, trace(-) cobbles	
		0.3		
1				
2				
3				
4	TP-41 (4-5)	0.1		
5			Ground Water observed	
6				
7				
8				
9				
10				

TEST PIT LOG

Test Pit No.: TP-42

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE: 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/6/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS			Equipment: John Deere 410D N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
4/6/2005		7'	TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
0		0.0	0' Loose, Moist, non-plastic, tan/brown, clayey silt, and(+) coarse to fine sand, little(-) medium fine gravel, trace cobbles
1			
2			
3	TP-42 (2-3)	0.0	2.5' Loose, moist, tan/brown, clayey silt, coarse to fine sand, little(-) gravel, C&D material: brick , foundation stone, wood, conduit, septic pipe
4			
5			
6		0.0	5.5' 2 large concrete blocks observed
7	TP-42 (7)		Water Table Observed @ 7.0ft
8			
9			
10			

TEST PIT LOG

Test Pit No.: TP-43

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE: 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/5/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS			Equipment: John Deere 410D N/A			
DATE	TIME	DEPTH	TYPE	CASING	SAMPLER	CORE
4/5/2005		68"				
			I.D.			
			WT./Fall			

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES	REMARKS
0		0.0	0.0-1.5' Loose, moist, topsoil and roots	Metal scraps up to 2' long; 2' long cinder blocks; abundant boulders exceeding 10' long, glass shreds Pit Dimensions: 2'W x 15'L x 5.6' D
1		0.0		
1		0.0		
2	TP-43 (1-2)	0.0	1.5-4.5' Loose, moist, red brown, coarse to fine sand, abundant pebbles, abundant C&D material (50-70%): wood fragments, metal scraps, bricks, cinder blocks, concrete	
2		0.0		
3		0.0		
3		0.0		
4		0.0		
4		0.0		
5	TP-43 (6.0)	0.0	5.0-5.5' Loose, moist to damp, brown/dark brown, C&D fill	
5	TP-43 (5-6)	0.0	68" Water table observed	
6				
7				
8				
9				
10				

TEST PIT LOG

Test Pit No.: TP-44

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE: 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/5/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS			Equipment: John Deere 410D N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
4/5/2005		64"	TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES	REMARKS
			0.0-1.0' Loose, moist, topsoil and roots	
1	TP-44 (1-2)	0.0	1.0-3.0' Loose, moist, reddish brown to brown, coarse to fine sand, C&D fill materials (50-60%): bricks, metal scraps	C&D fill in both the horizons equal 50-70% fill
		0.0		
2	TP-44 (2-3)	0.0		
3	TP-44 (3-4)	0.0	3.0-5.3' Loose, moist, dark brown/gray/greyish brown, coarse to fine sand, abundant pebbles, C&D fill materials, large boulders, metal scraps	Pit Dimensions: 4' W x 15'L x 64"D
4				
5				
	TP-44 (5-6)	0.0	64" Water Table observed No sheen or apparent impacts observed	
6				
7				
8				
9				
10				

TEST PIT LOG

Test Pit No.: TP-45

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE: 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/5/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS			Equipment: John Deere 410D N/A			
DATE	TIME	DEPTH	TYPE	CASING	SAMPLER	CORE
4/5/2005	4:10pm	6'	I.D.			
			WT./Fall			

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES	REMARKS
		0.0	0.0-1.0' Loose, moist, topsoil & roots	
1	TP-45 (1-2)	0.0	1.0-2.0' Loose, moist, greenish gray, coarse to fine sand, abundant pebbles, C&D materials, Asphalt pieces exceeding 3.5' in width	Large chunks of asphalt observed 1ft below grade. Appeared to have been dumped in while still hot. Sizes up to 3.5' wide
2		0.0		
		0.3	2.0-6.0' Loose, moist, brownish gray to green gray, abundant pebbles, cobbles, C&D fill materials, asphalt	
3	TP-45 (2-3)			
4				Pit Dimensions: 4'W x 15'L x 6'D
5				
6	TP-45 (5-6)		6' Water table observed, no sheen observed	
7				
8				
9				
10				

TEST PIT LOG

Test Pit No.: TP-46

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE: 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/6/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: T. Heath

WATER LEVELS			Equipment: John Deere 410D N/A			
DATE	TIME	DEPTH		CASING	SAMPLER	CORE
4/6/2005	8:10am	7.5'	TYPE			
			I.D.			
			WT./Fall			

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES	REMARKS
			0.0-1.0' Loose, moist, topsoil	
1		0.0	1.0-2.0' Loose, moist, clayey silt, coarse to fine sand, clean fill	
2			2.0-7.5' Loose, moist, brown, clayey silt, coarse to fine sand, medium to fine gravel, C&D material: 35% fill: brick, metal, plastic bags, asphalt, wood	
3	TP-46 (3-4)			
4				
5				
6				
7	TP-46 (7.5)	3.2	7.5' Water table observed and steady, End Test Pit	
8				
9				
10				

TEST PIT LOG

Test Pit No.: TP-47

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE: 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/6/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: T. Heath

WATER LEVELS			Equipment: John Deere 410D N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
4/6/2005	10:30am	6.5'	TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES	REMARKS
0.0			0.0-1.5' Loose, moist, brown, coarse medium(+) fine sand, little clayey silt	
1.0				
1.5			1.5-2.5' Loose, moist, coarse medium(+) fine sand, little clayey silt, trace gravel, C&D trace(+) 5%, larger than 6" concrete	
2.0				
2.5	TP-47 (2-3)	0.0	2.5-6.5' Loose, moist, brown, clayey silt, some coarse medium(+) fine sand, trace(-) coarse gravel, C&D: wood, metal, asphalt, 15% >6", metal barrel, conduit, ash, slag, brick	
3.0				
4.0		0.0		
5.0				
5.5		0.0		
6.0	TP-47 (6.5)	0.2	6.5' Water table observed	
7.0				
8.0				
9.0				
10.0				



TEST PIT LOG

Test Pit No.: TP-48

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/6/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS			Equipment: John Deere 410D N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
4/6/2005	2:48pm	7'	TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES	REMARKS
			0.0-1.5' Loose, brown, silt & clay, little(-) gravel, topsoil	
1		1.8	1.5-4.0' Loose, moist, brown, silt & clay, little(-) gravel, C&D material: asphalt blocks (1'-6'), brick	
2	TP-48 (2-3)	0.3		
3		0.1		
4			4.0-6.0' Loose, moist, brown, clay & silt, little(+) coarse to medium gravel	
5	TP-48 (5-6)	0.1		
6	TP-48 (6-7)	0.1	6.0-7.0' Loose, moist, brown, nonplastic, medium to fine(-) sand, little(+) clayey silt, trace(-) medium to fine gravel	
7		0.4	7' Water Table observed	
8				
9				
10				

TEST PIT LOG

Test Pit No.: TP-49

PROJECT: 34 Freeman's Bridge Road Site	CONTRACTOR: Hickory Hill Construction	PAGE: 1 of 1
PROJECT No. 83060	Excavator: Luther Keyes	DATE: 4/7/2005
SURFACE ELEVATION: NA	SITE LOCATION: NA	ET GEOLOGIST: L. Benedict

WATER LEVELS			Equipment: John Deere 410D N/A				
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
4/7/2005	14:30	5'	TYPE				
			I.D.				
			WT./Fall				

Depth (ft)	Sample Number	PID/FID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES	REMARKS
		0.0	0-1' Loose, Moist, brown, clay and silt(+), little gravel, pebbles, topsoil, C&D fil, concrete blocks	
1	TP-49 (1-2)	0.0	1-2' Moist to wet, brown, silty clay, C&D material, brick, concrete slabs	
2	TP-49 (2-3)	0.0	2-3' Moist, light brown, clay and silt(+), medium fine(+) sand, little gravel, C&D materials, concrete, brick, wood	
3		0.0	3-4' Moist, greenish gray, clay and silt(+), medium(+) fine sand, little gravel, rust	
4	TP-49 (4-5)	0.0	4-5' Moist, black, clay and silt(+), coarse medium(+) fine sand, C&D fill materials, brick wood	
5		0.0	Water Table observed. End Test Pit	
6				
7				
8				
9				
10				