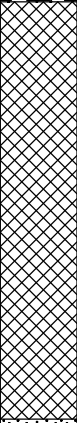
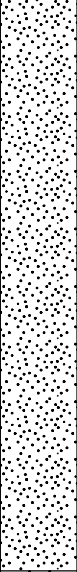


LOG OF TEST PIT LTP-28

Sheet 1 of 1

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PROJECT NAME FONF Expansion Sabre Park BCP			PROJECT NUMBER 140091401		DATE 6/26/2013	
LOCATION Niagra Falls, NY			ELEVATION Approx. el. 574.16			
EXCAVATION CONTRACTOR Mark Cerrone Inc.			DEPTH 10 ft		WATER LEVEL - First 8 ft ▽	
EQUIPMENT Komatsu PC 228USLC			FOREMAN		WATER LEVEL - Completion -- ▼	
					LANGAN PERSONNEL Alison Corriveau	

Symbol	ELEV (feet)	DESCRIPTION	PID readings (ppm)	Depth Scale	SAMPLE		REMARKS
					Number	Type	
	+574.2	TOPSOIL		0			
	+573.7	Brown f-c SAND, tr. organics, tr. silt (dry)		1			
	+569.7	Brown f-c SAND, sm. fill (concrete slab, brick, wood), tr. silt (dry)	0	2			
	+564.2	Dark brown-black f-c SAND, tr. organics (wood, roots) (dry)	0	4			Collect sample LTP-28-A from 4'-6' @ 15:50
		Gray-reddish brown f-c SAND, tr. silt, tr. clay, (moist)		5	S-1	GRAB	
				6			Collect sample LTP-28-B from 6'-8' @ 16:00
				7	S-2	GRAB	
			0 ▽	8			
				9			
				10			
		End of Test Pit @ 10'		11			
				12			
				13			
				14			
				15			

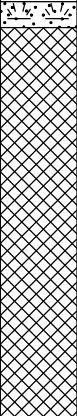
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LOG OF TEST PIT LTP-29

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/26/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.62	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 10 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion -- ▼
		LANGAN PERSONNEL Alison Corriveau

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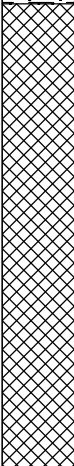
Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.6	Brown TOPSOIL, f-m sand, tr. silt	0			Collect sample LTP-29-A from 0'-2' @ 09:24
		Brown f-m SAND, tr. silt (dry)	1	S-1	SS	
		Brown FILL (construction debris), sm. c-f gravel (dry)	2			Collect sample LTP-29-B from 2'-4' @ 09:39
			3	S-2	SS	
	+570.6	Grey-red CLAY, sm. c-f gravel, sm. fill (slag) tr. silt, tr. f-gravel (dry)	4			
		Grey-red CLAY, sm. c-f gravel, tr. silt, tr. f-gravel (dry)	5			
			6			
			7			
		Grey-red CLAY, tr. silt, tr. f-gravel (moist)	8			
			9			
			10			
			11			
	+564.6	End of Test Pit @ 10'	12			
			13			
			14			
			15			

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LOG OF TEST PIT LTP-30

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP		PROJECT NUMBER 140091401		DATE 6/26/2013	
LOCATION Niagra Falls, NY		ELEVATION Approx. el. 574.81			
EXCAVATION CONTRACTOR Mark Cerrone Inc.		DEPTH 10.5 ft		WATER LEVEL - First N/A 	
EQUIPMENT Komatsu PC 228USLC		FOREMAN		WATER LEVEL - Completion -- 	
				LANGAN PERSONNEL Alison Corriveau	

Symbol	ELEV (feet)	DESCRIPTION	PID readings (ppm)	Depth Scale	SAMPLE		REMARKS
					Number	Type	
	+574.8	TOPSOIL		0			
	+574.3	Brown f-c SAND, sm. silt, tr. f-gravel (dry)		1			
		Brown f-c SAND, sm. fill (concrete blocks, concrete slabs, brick), tr. c-gravel, tr. organics (dry)	0	2	S-1	GRAB	Collect sample LTP-30-A from 1'-3' @ 09:35
		Brown f-c SAND, sm. silt (dry)		3			
		Dark brown-black f-c SAND, sm. silt, tr. organics (roots, wood) (moist)		4			
	+569.8	Gray-brown CLAY, sm. silt, tr. red-orange clay, tr. f-sand (wet)	0	5	S-2	GRAB	Collect sample LTP-30-B from 4'-6' @ 09:43
				6			
				7			
			0	8			
				9			
				10			
	+564.3	End of Test Pit @ 10.5'		11			
				12			
				13			
				14			
				15			

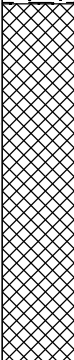
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LOG OF TEST PIT LTP-31

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP		PROJECT NUMBER 140091401		DATE 6/26/2013	
LOCATION Niagra Falls, NY		ELEVATION Approx. el. 574.28			
EXCAVATION CONTRACTOR Mark Cerrone Inc.		DEPTH 10 ft		WATER LEVEL - First 7 ft 	
EQUIPMENT Komatsu PC 228USLC		FOREMAN		WATER LEVEL - Completion -- 	
				LANGAN PERSONNEL Alison Corriveau	

Symbol	ELEV (feet)	DESCRIPTION	PID readings (ppm)	Depth Scale	SAMPLE		REMARKS
					Number	Type	
	+574.3	TOPSOIL		0			
	+573.8	Brown f-c SAND, tr. organics, tr. clay (dry) Reddish-brown f-c SAND, sm. fill (bricks, concrete), tr. f-gravel, (dry) Gray-brown f-c SAND, tr. organics (dry) Dark brown-black f-c SAND, sm. clay, tr. silt, tr. organics (moist)	0	1 2 3			
	+570.3	Gray-brown-reddish CLAY, tr. f-sand, tr. organics (dry) Gray-brown-reddish CLAY, tr. f-sand, tr. organics (wet)	0	4 5 6 7 8 9 10	S-1 S-2 (MS/MSD)	GRAB GRAB	Collect sample LTP-31-A from 4'-6' @ 11:45 Perched water @ 7', Collect sample LTP-31-B from 7'-9' @ 11:55
	+564.3	End of Test Pit @ 10'		11 12 13 14 15			

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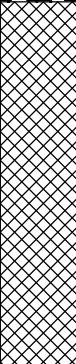
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LOG OF TEST PIT LTP-32

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/26/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.43	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 10 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion -- ▼
		LANGAN PERSONNEL Alison Corriveau

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.4	TOPSOIL	0			
	+573.9	Brown f-m SAND, sm. f-c gravel, sm. fill (construction debris concrete, bricks, wood), tr. silt (dry)	1	S-1	GRAB	Collect sample LTP-32-A from 1'-2' @ 11:30
			2			
			3			
	+570.4	Grey-red CLAY, tr. silt, tr. f-gravel (dry)	4	S-2	GRAB	PID 5.5 @ 4'=6', strong odor @ 4'-6', Collect sample LTP-32-B from 4'-6' @ 11:35
			5			
			6			
			7			
			8			
			9			
			10			
	+564.4	End of Test Pit @ 10'	10			Groundwater @ 10'
			11			
			12			
			13			
			14			
			15			

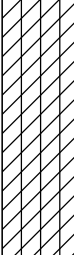
LANGAN

LOG OF TEST PIT LTP-33

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/2/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 573.58	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 7.5 ft	WATER LEVEL - First N/A  WATER LEVEL - Completion N/A 
EQUIPMENT Komatsu PC 228USLC	FOREMAN	LANGAN PERSONNEL -----

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+573.6	TOPSOIL	0			
	+573.1	Brown f-c SAND, tr. f-gravel, tr. organics	1			
		Reddish-brown f-c SAND, sm. clay, sm. fill (bricks, conc. slabs), tr. silt	2			
		Dark brown-black organic FILL (moist)	3			
			4	S-1	GRAB	Collect sample LTP-33-A from 3'-5' @ 11:10
	+569.1	Grayish-brown SILTY CLAY (dense)	5			
		Grayish-brown f-m SILTY CLAY, sm. f-m sand (loose)	6	S-2	GRAB	Collect sample LTP-33-B from 5'-7' @ 11:20
			7			
	+566.6	Reddish-brown CLAY				
	+566.1	End of Test Pit @ 7.5'	8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			

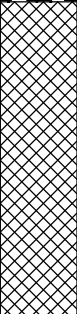
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LOG OF TEST PIT LTP-34

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/2/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 573.88	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 9 ft	WATER LEVEL - First 6.5 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL -----

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+573.9	TOPSOIL	0			Collect sample LTP-34-A from 0'-2' @ 12:40
	+573.4	Brown f-c SAND, sm. f-gravel, tr. organics, sm. clay (dry) Brown f-c SAND, sm. fill (bricks, conc, asphalt, wood)	1	S-1	GRAB	
		Dark brown-black organic FILL	2			
			3			Collect sample LTP-34-B from 5'-7' @ 12:50
	+570.4	Gray f-m SAND, sm. silt (moist)	4			
			5			
			6	S-2	GRAB	
			7			
	+566.9	Reddish-brown CLAY	8			
			9			
	+564.9	End of Test Pit @ 9'	10			
			11			
			12			
			13			
			14			
			15			

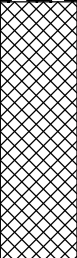
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LOG OF TEST PIT LTP-35

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/2/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.65	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 9 ft	WATER LEVEL - First N/A ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Hannah Griesbach

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.7	TOPSOIL	0			Collect sample from 0'-2'
	+574.2	FILL material, 5" of topsoil, roots, brown f-c sand, sm. silt, sm. f-c gravel	1	S-1	GRAB	
			2			
	+571.7	Gray to red CLAY, tr. silt, sm. f-sand	3			Collect sample from 7'-9'
			4			
			5			
			6			
			7			
			8	S-2	GRAB	
	+565.7	End of Test Pit @ 9'	9			
			10			
			11			
			12			
			13			
			14			
			15			

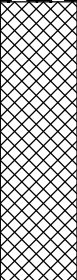
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LOG OF TEST PIT LTP-36

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/2/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.98	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 8 ft	WATER LEVEL - First N/A ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Hannah Griesbach

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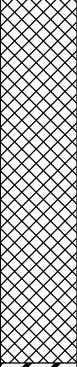
Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.0	TOPSOIL	0			Collect sample from 0'-2'
	+574.5	FILL material, brown f-c sand, sm. silt, sm. f-c gravel, construction debris, bricks, roots	1	S-1	GRAB	
			2			
	+571.8	Gray to red CLAY, tr. silt, tr. f-gravel, sm. f-m sand	3			Collect sample from 6'-8'
			4			
			5			
			6			
			7	S-2	GRAB	
	+567.0	End of Test Pit @ 8'	8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			

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LOG OF TEST PIT LTP-37

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/2/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el.	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First N/A ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Hannah Griesbach

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
		TOPSOIL	0			
		FILL material, brown f-c sand, sm. silt, sm. f-c gravel, construction debris, pieces of metal, bricks, roots, slag @ 2.5' (1'-2.5' in length)	1			
			2			
			3	S-1	GRAB	Collect sample from 2'-4'
			4			
		Gray to red CLAY, tr. silt, tr. f-gravel, intrusion of black organic material @ 4'	5			
			6			
			7			Groundwater @ 6.5'
			8			
			9	S-2	GRAB	Collect sample from 8'-10'
			10			
		End of Test Pit @ 10'	11			
			12			
			13			
			14			
			15			

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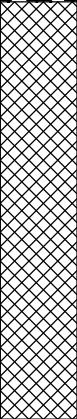
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LOG OF TEST PIT LTP-38

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/2/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.67	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First N/A ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Hannah Griesbach

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.7	TOPSOIL	0			
	+574.2	FILL material, gray to brown m-c sand, tr. silt, sm. f-c gravel, organic material, bricks, large rocks 2'-3' in length, construction debris, metal, possibly old bucket	1			
			2			Collect sample from 2'-4'
			3	S-1	GRAB	
			4			
	+570.2	Gray to red CLAY, sm. silt, tr. f-gravel, sm. f-sand, black organic material 4'-4.5'	5			Collect sample from 5'-7'
			6	S-2	GRAB	
			7			
			8			Groundwater @ 8'
			9			
			10			
	+564.7	End of Test Pit @ 10'	11			
			12			
			13			
			14			
			15			

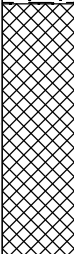
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LOG OF TEST PIT LTP-39

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/2/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.19	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First N/A 
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A 
		LANGAN PERSONNEL Hannah Griesbach

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.2	TOPSOIL	0			Collect sample from 0'-2'
	+573.7	FILL material, brown to gray m-c sand, sm. silt, sm. f-c gravel, sm. clay, organic material	1	S-1	GRAB	
			2			
	+571.2	Gray to red CLAY, sm. f-gravel, organic material, sm. f-m sand	3			Collect sample from 5'-7'
			4			
			5			
			6	S-2	GRAB	Groundwater @ 8'
			7			
			8			
			9			
	+564.2	End of Test Pit @ 10'	10			
			11			
			12			
			13			
			14			
			15			

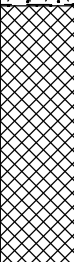
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LOG OF TEST PIT LTP-40

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/3/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.9	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 9 ft	WATER LEVEL - First 7 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Alison Corriveau

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.9	TOPSOIL	0			Collect sample LTP-40-A from 0'-1' @ 10:30
	+574.4	Brown f-c SAND, sm. f-gravel	1	S-1	GRAB	Collect sample LTP-40-B from 1'-3'
		Reddish-brown CLAY, sm. fill				
		Brown f-c SAND, sm. fill, tr. cobbles	2	S-2	GRAB	
	+571.9	Grayish-dark gray CLAY, sm. silt, tr. f-m sand	3			
			4			
			5			
		Gray CLAY, sm. silt, sm. f-m sand (moist)	6			
			7			
		Reddish-brown CLAY, tr. silt, tr. f-sand (moist)	8			
	+565.9	End of Test Pit @ 9'	9			
			10			
			11			
			12			
			13			
			14			
			15			

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Sheet 1 of 1

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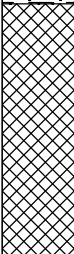
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LOG OF TEST PIT LTP-42

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/28/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 575.02	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 8 ft 
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion -- 
		LANGAN PERSONNEL Hannah Griesbach

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.0	TOPSOIL	0			Collect sample LTP-42-A from 0'-2' @ 12:30
	+574.5	Brown f-c SAND, sm. silt, sm. f-c gravel, sm. fill (construction debris concrete, wood, organic material) (dry)	1	S-1	GRAB	
			2			
	+572.0	Grey-red CLAY, tr. silt, tr. f-m gravel, tr. intrusions of black material, tr. organic material (dry)	3			Groundwater @ 8', Collect sample LTP-42-B from 8'-10' @ 12:00
			4			
			5			
			6			
			7			
			8			
		Grey-red CLAY, tr. silt, tr. f-m gravel, tr. intrusions of black material, tr. organic material (wet)	8			
			9	S-2	GRAB	
	+565.0	End of Test Pit @ 10'	10			
			11			
			12			
			13			
			14			
			15			

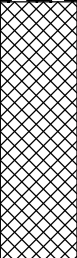
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LOG OF TEST PIT LTP-43

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/26/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 575	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 10 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion -- ▼
		LANGAN PERSONNEL Hannah Griesbach

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.0	TOPSOIL	0			Collect sample LTP-43-A from 1'-3' @ 14:37
	+574.5	Brown m-c SAND, sm. fill, sm. f-gravel, tr. large gravel, tr. silt (dry)	1			
			2	S-1	GRAB	
	+572.0	Grey-red CLAY, sm. organic material, tr. silt, tr. f-gravel (dry)	3			Collect sample LTP-43-B from 8'-10' @ 14.23
			4			
			5			
			6			
			7			
			8			
			9	S-2	GRAB	
			10			
	+565.0	End of Test Pit @ 10'	10			
			11			
			12			
			13			
			14			
			15			

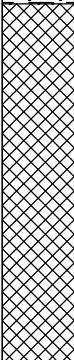
LANGAN

LOG OF TEST PIT LTP-44

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/29/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 575.09	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 7.5 ft 
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion -- 
		LANGAN PERSONNEL Hannah Griesbach

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.1	5" TOPSOIL	0			Collect sample LTP-44-A from 0'-2' @ 08:54
	+574.6	Brown f-c SAND, sm. f-c gravel, sm. fill (construction debris organic material) tr. silt (dry)	1	S-1	GRAB	
			2			
		Grey-black CLAY, sm. silt, tr. f-gravel, tr. f-sand, tr. organic material (dry)	3			
	+571.1	Grey-red CLAY, tr. silt, tr. f-gravel, tr. intrusions of brown f-sand, tr. organic material (moist)	4			
			5			
			6			
			7			
		Grey-red CLAY, tr. silt, tr. f-gravel, tr. intrusions of brown f-sand, tr. organic material (wet)	8			Collect sample LTP-44-B from 8'-10' @ 08:38
			9	S-2	GRAB	
	+565.1	End of Test Pit @ 10'	10			
			11			
			12			
			13			
			14			
			15			

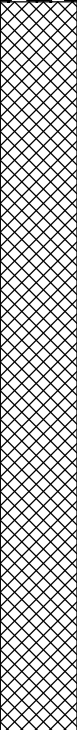
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LOG OF TEST PIT LTP-46

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/2/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 575.62	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 7.5 ft	WATER LEVEL - First 5 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Alison Corriveau

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.6	TOPSOIL	0			Collect sample LTP-46-A from 0'-2' @ 18:40
	+575.1	Brown f-c SAND, sm. fill (conc, slag)	1	S-1	GRAB	
		Dark brown-black organic FILL, sm. f-c sand, sm. silt	2			Collect sample LTP-46-B from 2'-4' @ 18:50
			3	S-2	GRAB	
		Gray f-m SAND, sm. silt	4			
			5			
			6			
			7			
	+568.1	End of Test Pit @ 7.5'	8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			

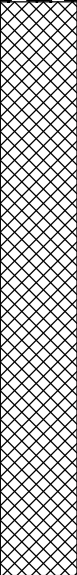
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LOG OF TEST PIT LTP-47

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/1/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.76	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 6 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN LANGAN PERSONNEL Hannah Griesbach	WATER LEVEL - Completion N/A ▼

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.8	TOPSOIL	0			Collect sample LTP-47-A from 0'-2' @ 16:30
	+574.3	Brown-black f-c SAND, sm. fill (bricks, organic material), sm. silt, sm. f-c gravel (dry)	1	S-1	GRAB	
		Gray CLAY, sm. f-gravel, sm. f-sand (dry)	2			
		Black FILL, (garbage, wood, plastic), sm. silt (wet)	3			
			4			
			5			Collect sample LTP-47-B from 5'-7' @ 16:15
			6			
	+568.8	Grey-red CLAY, tr. silt, tr. f-gravel	6	S-2	GRAB	Perched water @ 6'
			7			
			8			
			9			
			10			
	+564.8	End of Test Pit @ 10'	10			
			11			
			12			
			13			
			14			
			15			

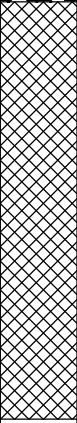
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LOG OF TEST PIT LTP-48

Sheet 1 of 1

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PROJECT NAME FONF Expansion Sabre Park BCP		PROJECT NUMBER 140091401		DATE 7/1/20132	
LOCATION Niagra Falls, NY		ELEVATION Approx. el. 574.91			
EXCAVATION CONTRACTOR Mark Cerrone Inc.		DEPTH 4.5 ft		WATER LEVEL - First 4 ft ▽	
EQUIPMENT Komatsu PC 228USLC		FOREMAN		WATER LEVEL - Completion N/A ▼	
				LANGAN PERSONNEL Alison Corriveau	

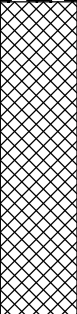
Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.9	TOPSOIL	0			
	+574.4	Brown f-c SAND (dry) Dark brown-black f-c SAND, sm. silt, sm. fill (wood, trash, concrete, fdn, 3' x 3' 4" slabs conc., slag @ 1' and 2') (Saturated)	1	S-1	GRAB	Collect sample LTP-48-A from 0.5'-2.5' @ 08:30
			2			
			3			
			4	S-2	GRAB	Collect sample LTP-48-B from 3'-4.5' @ 09:25
	+570.4	End of Test Pit @ 4.5'	5			
			6			
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			

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LOG OF TEST PIT LTP-49

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/1/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 575.03	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 3.5 ft	WATER LEVEL - First N/A ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Alison Corriveau

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.0	TOPSOIL	0			Collect sample LTP-49-A from 0'-2' @ 10:35 Concrete slab at 3.5'. Investigated extents of slab. No extents found. Digging stopped in N-S direction due to proximity of water to the south and gas to the north. Slab is at least 27' in N-S direction.
	+574.5	Brown f-c SAND (dry) Dark brown f-c SAND, sm. fill (conc. slab) (dry)	1	S-1	GRAB	
			2			
			3			
			4			
	+571.5	End of Test Pit @ 3.5'	5			
			6			
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			

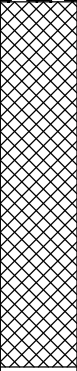
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LOG OF TEST PIT LTP-50

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/30/13
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.98	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 4 ft	WATER LEVEL - First 4 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion 2 ft ▼
		LANGAN PERSONNEL Alison Corriveau

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.0	TOPSOIL	0			Collect sample LTP-50-A from 1'-3' @ 17:40
	+574.5	Brown f-c SAND, tr. organics (dry)	1			
		Dark brown-black SAND, sm. silt, sm. fill (wood, concrete, tar-like material), tr. cobbles (saturated)	2	S-1	GRAB	
			3			
			4			
	+571.0	End of Test Pit @ 4'				
			5			
			6			
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			

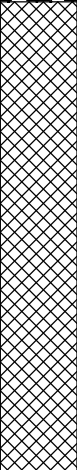
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LOG OF TEST PIT LTP-51

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/1/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.62	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 8 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Hannah Griesbach

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.6	TOPSOIL	0			Collect sample LTP-51-A from 0'-1' @ 11:30
	+574.1	Brown-black f-c SAND, sm. fill (bricks, wood), sm. silt, sm. f-gravel (dry) Red CLAY, tr. f-m sand (dry) Gray m-c SAND, sm. fill, tr. f-gravel (dry) Brown-gray CLAY, sm. f-sand, organic material (dry)	1	S-1	GRAB	
			2			Collect sample LTP-51-B from 4'-5' @ 10:37
			3			
			4			Collect sample LTP-51-B from 4'-5' @ 10:37
			5	S-2	GRAB	
	+569.6	Black-gray-red CLAY, sm. silt, tr. f-gravel	6			Groundwater @ 8'
			7			
			8			Groundwater @ 8'
			9			
			10			Groundwater @ 8'
			11			
			12			Groundwater @ 8'
			13			
			14			Groundwater @ 8'
			15			

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LOG OF TEST PIT LTP-52

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/28/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 573.91	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First N/A ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Hannah Griesbach

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+573.9	5" TOPSOIL, organic material, Brown f-c SAND, sm. organic material	0			Collect sample LTP-52-A from 0'-2' @ 08:54
	+573.4	Brown f-c SAND, sm. fill, sm. f-c gravel, tr. silt (dry)	1	S-1	GRAB	
		Brown-gray m-c SAND, sm. f-c gravel, sm. fill (construction material, bricks, wood) (dry)	2			
		Black CLAY, sm. silt, sm. f-m gravel, sm. organic material (wood, roots) (dry)	4	S-2	GRAB	
	+568.9	Gray-red CLAY, tr. silt, tr. f-gravel (dry)	5			Collect sample LTP-52-B from 4'-5' @ 08:37
			6			
			7			
			8			
			9			
			10			
	+563.9	End of Test Pit @ 10'	11			
			12			
			13			
			14			
			15			

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LOG OF TEST PIT LTP-53

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/28/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.98	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First N/A ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Hannah Griesbach

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.0	7" TOPSOIL, Brown f-c SAND, tr. roots	0			Collect sample LTP-53-A from 0'-2' @ 10:48
		Brown f-c SAND, sm. f-c gravel, sm. fill (large concrete blocks) (dry)	1	S-1	GRAB	
			2			
		Black CLAY, sm. silt, sm. m-c gravel, tr. organic material, tr. wood (dry)	3			
	+571.0	Gray-red CLAY, sm. f-gravel, tr. silt (dry)	4			Collect sample LTP-53-B from 8'-10' @ 10:16
			5			
			6			
			7			
			8			
			9	S-2 (MD/MSD)	GRAB	
			10			
			11			
	+565.0	End of Test Pit @ 10'	12			
			13			
			14			
			15			

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LOG OF TEST PIT LTP-54

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/28/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 575	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First N/A 
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A 
		LANGAN PERSONNEL Alison Corriveau

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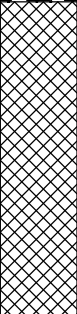
Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.0	TOPSOIL	0	S-1 (MS/MSD)	GRAB	Collect sample LTP-54-A from 0'-2' @ 16:15
	+574.5	Brown f-c SAND, tr. clay, tr. f-gravel (dry)	1			
		Dark brown-black f-c SAND, sm. fill, tr. silt (dry)	2			
			3			
			4	S-2	GRAB	Electrical conduit encountered during soft dig offset ~5' to the north LTP-54-A and MSMSD-8 taken from primary location. LTP-54-B taken from offset location.
	+571.0	Gray-brown f-m SAND, tr. clay (dry)	5			
			6			
			7			
			8			Collect sample LTP-54-B from 6'-8' @ 16:45
			9			
	+566.0	Reddish brown CLAY, tr. f-sand (dry)	10			
	+565.0	End of Test Pit @ 10'	11			
			12			
			13			
			14			
			15			

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LOG OF TEST PIT LTP-55

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/28/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.56	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First N/A ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN LANGAN PERSONNEL Hannah Griesbach	WATER LEVEL - Completion N/A ▼

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.6	TOPSOIL	0			Collect sample LTP-55-B from 0'-2' @ 17:30
	+574.1	Brown f-c SAND, sm. silt, sm. f-c gravel, sm. fill (construction debris) (dry)	1	S-1	GRAB	
			2			
			3			Perched water observed @ 3'
		Black CLAY, sm. silt, sm. f-m gravel (wet)	3			
	+571.1	Gray-red CLAY, tr. f-gravel, tr. silt (wet)	4			
			5			Collect sample LTP-55-A from 6'-8' @ 17:15
			6			
			7	S-2	GRAB	
			8			
			9			
			10			
	+564.6	End of Test Pit @ 10'	10			
			11			
			12			
			13			
			14			
			15			

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LOG OF TEST PIT LTP-56

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/29/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.65	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 4 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion -- ▼
		LANGAN PERSONNEL Hannah Griesbach

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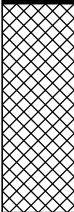
Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.7	Brown f-GRAVEL, sm. f-c sand	0			
	+574.2	(dry)				
		Gray-dark brown f-c SAND, sm. f-gravel	1			
		(dry)				
			2			
			3			
		Gray-brown f-c SAND, tr. silt, tr. fill (asphalt, concrete)	4			Perched water observed @ 4'
		(wet)				
			5			
		Dark brown-black f-c SAND, tr. organics (wood)	6			
		(wet)				
			7			
			8			
		Gray f-m SAND, tr. silt	9			
		(wet)				
			10			
	+566.7	Reddish brown CLAY, tr. f-sand	11			
		(wet)	12			
			13			
			14			
	+564.7	End of Test Pit @ 10'	15			

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LOG OF TEST PIT LTP-57

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/2/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.97	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 2.5 ft	WATER LEVEL - First N/A 
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A 
		LANGAN PERSONNEL -----

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.0	ASPHALT and subbase	0			LTP-57-A: 0'-2' @ 17:35
	+574.5	Brown f-c SAND, sm. fill (bricks, conc, rock), tr. gravel	1	S-1	GRAB	Slag @ 1'
			2			
	+572.5	WATER @ 2.5', can't dig due to no visibilty End of Test Pit @ 2.5'	3			
			4			
			5			
			6			
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			

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LOG OF TEST PIT LTP-58

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/24/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 575.18	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First N/A ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Hannah Griesbach

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.2	Brown TOPSOIL, m-c SAND, sm. silt, sm. f-gravel (dry)	0			
			1			
	+573.2	Brown FILL, m-c sand, sm. large gravel (dry)	2			
			3			
		FILL (large concrete blocks), sm. organic material (dry)	4			Collect sample LTP-58-A from 4'-6' @ 17:17
			5	S-1	GRAB	
	+569.2	Grey CLAY, sm-f gravel (wet)	6			Perched water observed @ 6', minor staining observed @ 6', Collect sample LTP-58-B from 6'-8' @ 17:00
			7	S-2	GRAB	
			8			
			9			
	+565.2	End of Test Pit @ 10'	10			
			11			
			12			
			13			
			14			
			15			

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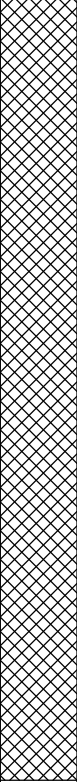
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LOG OF TEST PIT LTP-59

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/1/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 575.38	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 8 ft	WATER LEVEL - First 7 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Alison Corriveau

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.4	TOPSOIL	0			
	+574.9	(dry)				
		Brown f-c SAND, tr. clay, tr. silt, tr. fill (brick, concrete, sidewalk), slag	1			
			2			
			3			
			4	S-1	GRAB	Collect sample LTP-59-A from 3'-5' @ 16:10
		Dark brown-black f-c SAND, sm. fill (organic), slag (light blue-green pourous material) @ 4' (wet)	5			
		Reddish-gray-brown f-m SAND, sm. silt (wet)	6			
			7	S-2	GRAB	Collect sample LTP-59-B from 6'-8' @ 16.25
			8			
	+567.4	End of Test Pit @ 8'				
			9			
			10			
			11			
			12			
			13			
			14			
			15			

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LOG OF TEST PIT LTP-60

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/1/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 575.26	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 8 ft	WATER LEVEL - First 6 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Alison Corriveau

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.3	ASPHALT (dry)	0			Collect sample LTP-60-A from 0'-2' @ 17:25
	+574.6	c-f GRAVEL	1			
		Brown f-c SAND, tr. organics, tr. f-gravel (dry)	2	S-1	GRAB	Collect sample LTP-60-B from 3'-5' @ 17:45
		Brown f-c SAND, sm. fill (slag, concrete, bricks, rocks), tr. silt (wet)	3			
		Dark brown-black SAND (wet)	4	S-2	GRAB	
	+570.8	Grayish-reddish-brown CLAY, tr. silt {dense} (moist)	5			
		Grayish-brown CLAY, sm. f-m sand, sm. silt (moist)	6			
		Reddish-brown CLAY (moist)	7			
	+567.3	End of Test Pit @ 8'	8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			

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LOG OF TEST PIT LTP-61

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/30/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 575.17	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 7.5 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion -- ▼
		LANGAN PERSONNEL Alison Corriveau

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.2	5" ASPHALT	0			Collect sample LTP-61-A from 0.5'-2' @ 13:00
	+574.7	Reddish brown-orange f-c SAND, sm. silt (dry)	1	S-1	GRAB	
	+574.2	Dark brown-black f-s SAND, sm. silt, sm. slag, tr. fill, tr. organics (dry)	2			Collect sample LTP-61-B from 4'-6' @ 13:20
		Reddish-brown f-m SAND, sm. clay (dry)	3			
			4			
			5	S-2	GRAB	
	+570.0	Grayish-brown CLAY, sm. f-m SAND, sm. silt (moist)	6			
			7			
		Grayish-brown CLAY, sm. f-m SAND, sm. silt (wet)	8			
		Reddish-brown CLAY (wet)	9			
			10			
	+565.2	End of Test Pit @ 10'	10			
			11			
			12			
			13			
			14			
			15			

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LOG OF TEST PIT LTP-62

Sheet 1 of 1

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PROJECT NAME FONF Expansion Sabre Park BCP		PROJECT NUMBER 140091401		DATE 6/24/2013	
LOCATION Niagra Falls, NY		ELEVATION Approx. el. 574.84			
EXCAVATION CONTRACTOR Mark Cerrone Inc.		DEPTH 10 ft		WATER LEVEL - First N/A ▽	
EQUIPMENT Komatsu PC 228USLC		FOREMAN		WATER LEVEL - Completion N/A ▼	
				LANGAN PERSONNEL Hannah Griesbach	

Symbol	ELEV (feet)	DESCRIPTION	PID readings (ppm)	Depth Scale	SAMPLE		REMARKS
					Number	Type	
	+574.8	TOPSOIL		0			Collect sample LTP-62-A from 2'-4' @ 17:25
	+574.3	Brown f-c SAND (dry)		1			
		Dark brown-black f-c SAND, tr. organics (dry)	0	2	S-1	GRAB	
		Reddish-brown f-c SAND (dry)		3			
				4			
			0	5			
		Dark brown f-c SAND, tr. gravel, tr. fill (bricks, wood) (moist)	0	6			
				7			
				8			
				9			
	+565.8	Gray-brown, silty CLAY (moist)		10			
	+564.8	End of Test Pit @ 10'		11			
				12			
				13			
				14			
				15			

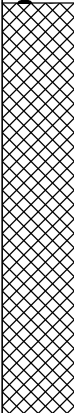
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LOG OF TEST PIT LTP-63

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/25/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.52	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First N/A 
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A 
		LANGAN PERSONNEL Hannah Griesbach

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.5	3" ASPHALT	0			
	+574.2	Brown m-c SAND, sm. silt, tr. f-gravel (dry)	1			
	+573.5	FILL (construction debris, bricks, wood, concrete), tr. organic material (dry)	2	S-1	GRAB	Collect sample LTP-63-A from 1'-3' @ 08:05
			3			
			4	S-2	GRAB	Collect sample LTP-63-B from 3'-4' @ 09:00
			5			
	+569.5	Gray CLAY, sm. silt, tr. f-gravel (moist)	6			Black material; perched water observed @ 5', staining observed @ 5'
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			
	+564.5	End of Test Pit @ 10'				

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LOG OF TEST PIT LTP-64

Sheet 1 of 1

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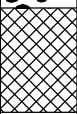
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LOCATION Niagra Falls, NY			ELEVATION Approx. el. 574.03						
EXCAVATION CONTRACTOR Mark Cerrone Inc.			DEPTH 10.5 ft			WATER LEVEL - First N/A ▽		WATER LEVEL - Completion N/A ▼	
EQUIPMENT Komatsu PC 228USLC			FOREMAN				LANGAN PERSONNEL Alison Corriveau		
Symbol	ELEV (feet)	DESCRIPTION	PID readings (ppm)	Depth Scale	SAMPLE		REMARKS		
					Number	Type			
	+574.0	4" TOPSOIL	0	0					
	+573.6	Brown, c-f SAND, sm. silt, sm. clay, tr. gravel, tr. fill (wood, concrete, asphalt) (dry)		1					
		Dark brown-black CLAY, little f-m sand, little fill (brick, wood), tr. organics (roots) (dry)		2					
				3			Collect sample LTP-64-B from 3'-5' @ 08:30		
		0	4	S-1	GRAB				
	+569.0	Gray CLAY, tr. f-sand (moist)	0	5			Collect sample LTP-64-A from 5'-7' @ 08:20		
				6	S-2 (FD-1)	GRAB			
				7					
				8					
		Reddish-brown-gray CLAY, tr. f-sand (moist)	0	9					
				10					
				11					
				12					
				13					
				14					
				15					
	+563.5	End of Test Pit @ 10.5"							

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LOG OF TEST PIT LTP-65

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/29/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.22	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 2 ft	WATER LEVEL - First N/A ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Alison Corriveau

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.2	ASPHALT	0			Collect sample LTP-65-A from 0'-2' @ 11:00
	+573.9	Gray-brown f-c SAND, sm. f-gravel (moist)	1	S-1	GRAB	
	+573.2	Pooling water @ 2', rose to 1' below grade. Assumed to be perched water from recent rain. Flooding in area.	2			
	+572.2	End of Test Pit @ 2'	2			
			3			
			4			
			5			
			6			
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			

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LOG OF TEST PIT LTP-66

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/29/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el.	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First N/A 
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A 
		LANGAN PERSONNEL Hannah Griesbach

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
		TOPSOIL, f-c sand (dry)	0			
		Brown f-c SAND, tr. clay (dry)	1			Encountered electrical wire @ 1'
		Gray f-m SAND, sm. silt, tr. clay (dry)	2			
		Dark brown-black f-m SAND, sm. silt (dry)	3			
		Gray f-m SAND, sm. silt (moist)	4			
		Gray f-m SAND, sm. silt (moist)	5			Collect sample LTP-66-A from 5'-7' @ 15:00
		Reddish brown CLAY {dense} (dry)	6	S-1 (MS/MSD)	GRAB	
		Reddish brown CLAY {dense} (dry)	7			Collect sample LTP-66-B from 7'-9' @ 15:25
		Reddish brown CLAY {dense} (dry)	8	S-2	GRAB	
		Reddish brown CLAY {dense} (dry)	9			
		End of Test Pit @ 10'	10			
			11			
			12			
			13			
			14			
			15			

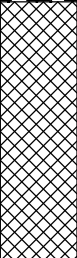
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LOG OF TEST PIT LTP-67

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 7/1/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.61	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 7.6 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion N/A ▼
		LANGAN PERSONNEL Hanna Griesbach

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.6	TOPSOIL	0			Collect sample LTP-67-A from 0'-2' @ 08:44
	+574.1	Brown-black f-c SAND, sm. fill, sm. silt, sm. f-c gravel (dry)	1	S-1	GRAB	
			2			
	+571.6	Gray-red CLAY, sm. silt, tr. f-gravel, tr. intrusions of m-c sand (wet)	3			Collect sample LTP-67-B from 5'-7' @ 08:30
			4			
			5			
			6	S-2	GRAB	
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			
	+564.6	End of Test Pit @ 10'				

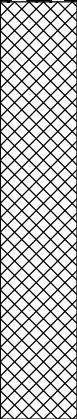
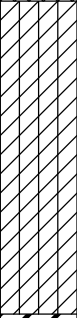
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LOG OF TEST PIT LTP-68

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/29/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 574.47	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 7 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion -- ▼
		LANGAN PERSONNEL Alison Corriveau

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+574.5	TOPSOIL	0			
	+574.0	Brown f-c SAND, tr. organics (roots) (dry)	1			Collect sample LTP-68-A from 1'-3' @ 17:20
			2	S-1	GRAB	
		Dark brown-black f-c SAND, tr. organics (roots, wood) tr. fill (bricks, concrete, wood) (dry)	3			
			4			
	+570.0	Gray SILTY CLAY, sm. f-m sand	5			Collect sample LTP-68 from 6'-8' @ 17:30
			6			
		Gray SILTY CLAY, sm. f-m sand (wet) ▽	7	S-2	GRAB	
			8			
	+567.0	Reddish brown CLAY (wet)	9			
			10			
	+564.5	End of Test Pit @ 10'	11			
			12			
			13			
			14			
			15			

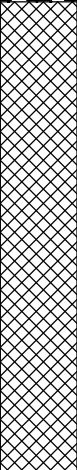
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LOG OF TEST PIT LTP-69

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/29/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 575.06	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 8 ft ▽
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion -- ▼
		LANGAN PERSONNEL Hannah Griesbach

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.1	TOPSOIL	0			
	+574.6	Brown-gray f-c SAND, sm. silt, sm. f-c gravel (dry)	1			
			2			
		Black SILT, tr. f-c sand, sm. m-f gravel, tr. c-gravel (dry)	3			
			4			
			5	S-1	GRAB	Collect sample LTP-69-A from 4'-5' @ 18:01
	+570.1	Grey-red CLAY, tr. m-c sand, tr. f-gravel (moist)	6	S-2	GRAB	Collect sample LTP-69-B from 5'-7' @ 17:17
			7			
			8			
		Grey-red CLAY, tr. m-c sand, tr. f-gravel (wet)	9			
			10			
	+565.1	End of Test Pit @ 10'	11			
			12			
			13			
			14			
			15			

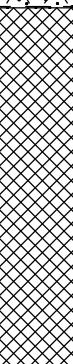
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LOG OF TEST PIT LTP-70

Sheet 1 of 1

PROJECT NAME FONF Expansion Sabre Park BCP	PROJECT NUMBER 140091401	DATE 6/29/2013
LOCATION Niagra Falls, NY	ELEVATION Approx. el. 575.05	
EXCAVATION CONTRACTOR Mark Cerrone Inc.	DEPTH 10 ft	WATER LEVEL - First 7.5 ft 
EQUIPMENT Komatsu PC 228USLC	FOREMAN	WATER LEVEL - Completion -- 
		LANGAN PERSONNEL Hannah Griesbach

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Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+575.1	6" TOPSOIL	0	S-1	GRAB	Collect sample LTP-70-A from 0'-2' @ 11:10
	+574.6	Brown f-c SAND, sm. f-c gravel, sm. fill (construction debris, concrete blocks, bricks, wood), tr. silt, (dry)	1			
		Brown-black CLAY, sm. silt, sm. f-m gravel, sm. fill (construction debris), sm. organic material (dry)	2			
			3			
	+571.1	Grey-red CLAY, tr. silt, tr. f-gravel, tr. intrusions of f-sand, tr. organic material (moist)	4	S-2	GRAB	Collect sample LTP-70-B from 8'-10' @ 10:36
			5			
			6			
			7			
			8			
			9			
			10			
	+565.1	End of Test Pit @ 10'	10			
			11			
			12			
			13			
			14			
			15			