

November 13, 2018

New York City Department of Environmental Protection  
5917 Junction Boulevard  
Flushing, New York 11373

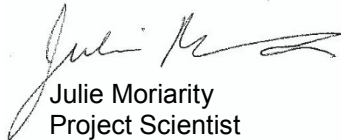
Re: Amendment to Phase II Environmental Site Assessment  
Sendero Verde Redevelopment Project  
Block 1617, Lot 20  
New York, New York

To whom it may concern:

At the request of the New York City Department of Environmental Protection (NYCDEP), and on behalf of the SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC, (collectively referred to herein as the Owners), Roux Environmental Engineering and Geology, D.P.C. (Roux) has prepared soil boring logs for the above referenced Site. The soil boring logs are hereby submitted under separate cover as an amendment to the Phase II Environmental Site Assessment (ESA) which was submitted to the NYCDEP on June 8, 2018.

Respectfully submitted,


**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**



Julie Moriarity  
Project Scientist



Noelle M. Clarke, P.E.  
Principal Engineer



Joseph D. Duminuco, P.G.  
Principal Hydrogeologist/  
Executive Vice President

Attachment: Phase II ESA Soil Boring Logs



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# SOIL BORING LOG

WELL NO. <b>SB-1</b>	NORTHING <b>Not Measured</b>	EASTING <b>Not Measured</b>
PROJECT NO./NAME <b>2984.0001Y / Sendero Verde Redevelopment Project</b>		LOCATION <b>Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.</b>
APPROVED BY <b>N. Clarke</b>	LOGGED BY <b>V. Sabatasso</b>	<b>Manhattan, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Trinity Environmental / J. Sakellis</b>		GEOGRAPHIC AREA <b>Manhattan, Block 1617, Lot 20</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>7720DT / Geoprobe</b>
LAND SURFACE ELEVATION <b>Not Measured</b>	DEPTH TO WATER <b>Not Measured</b>	BACKFILL <b>Clean cuttings</b>
SAMPLING METHOD <b>2" Macro-Core</b>		
START-FINISH DATE <b>5/1/18-5/2/18</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
0	△ △ △	Brown, fine to medium SAND, some Silt and Brick, trace fine gravel (fill); moist.		0.0	Hand cleared to 5 feet bls.
5	△ △ △				Sample SB-1 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
5	△ △ △	Brown, fine to medium SAND, some Brick, Asphalt, broken Concrete, Cobble, fine Gravel, trace metal (fill); dry.			2.5 feet of recovery.
10	△ △ △			0.0	
10	△ △ △				4 feet of recovery.
15	△ △ △			1.5	Sample SB-1 (12-14) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
15	△ △ △	Brown, fine to coarse SAND, little Silt and fine Gravel; wet.			3.5 feet of recovery.
20	△ △ △			0.0	End of soil boring at 20 feet bls.

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# SOIL BORING LOG

WELL NO. <b>SB-10</b>	NORTHING <b>Not Measured</b>	EASTING <b>Not Measured</b>
PROJECT NO./NAME <b>2984.0001Y / Sendero Verde Redevelopment Project</b>		LOCATION <b>Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.</b>
APPROVED BY <b>N. Clarke</b>	LOGGED BY <b>V. Sabatasso</b>	<b>Manhattan, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Trinity Environmental / J. Sakellis</b>		GEOGRAPHIC AREA <b>Manhattan, Block 1617, Lot 20</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>7720DT / Geoprobe</b>
LAND SURFACE ELEVATION <b>Not Measured</b>	DEPTH TO WATER <b>Not Measured</b>	BACKFILL <b>Clean cuttings</b>
SAMPLING METHOD <b>2" Macro-Core</b>		
START-FINISH DATE <b>5/1/18-5/1/18</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5		Brown, fine to medium SAND, some Brick, little coarse Sand and Silt, trace fine gravel (fill); dry.		0.0	Hand cleared to 5 feet bls.  Sample SB-10 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
10		Brown, MIXED FILL, some Brick, Asphalt, broken Concrete, and fine to coarse Sand, little fine Gravel (fill); moist.		0.0	2 feet of recovery.  1 foot of recovery.
15		Brown, fine to coarse SAND, little fine Gravel; wet.		0.0	4 feet of recovery.  Sample SB-10 (15-17) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
20					End of soil boring at 20 feet bls.

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# SOIL BORING LOG

WELL NO. <b>SB-11</b>	NORTHING <b>Not Measured</b>	EASTING <b>Not Measured</b>
PROJECT NO./NAME <b>2984.0001Y / Sendero Verde Redevelopment Project</b>		LOCATION <b>Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.</b>
APPROVED BY <b>N. Clarke</b>	LOGGED BY <b>V. Sabatasso</b>	<b>Manhattan, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Trinity Environmental / J. Sakellis</b>		GEOGRAPHIC AREA <b>Manhattan, Block 1617, Lot 20</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>7720DT / Geoprobe</b>
LAND SURFACE ELEVATION <b>Not Measured</b>	DEPTH TO WATER <b>Not Measured</b>	BACKFILL <b>Clean cuttings</b>
SAMPLING METHOD <b>2" Macro-Core</b>		
START-FINISH DATE <b>5/1/18-5/4/18</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
0		Brown, fine to medium SAND, some Silt, little Brick, Gravel, and Cobble, trace wood, and coarse sand (fill); moist.		0.0	Hand cleared to 5 feet bls.
5		Brown, MIXED FILL, some Brick, Asphalt, and fine to medium Sand, trace coarse sand (fill); moist.			2 feet of recovery.
8				2.8	Sample SB-11 (8-10) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
10				0.1	2 feet of recovery.
15		Brown, fine to medium SAND, some Silt, trace coarse sand; wet.			
18		Brown, fine to coarse SAND, little Silt and fine Gravel; wet.		0.3	5 feet of recovery.
20		Brown, fine to medium SAND and SILT; wet.		0.0	End of soil boring at 20 feet bls.

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# SOIL BORING LOG

WELL NO. <b>SB-12</b>	NORTHING <b>Not Measured</b>	EASTING <b>Not Measured</b>
PROJECT NO./NAME <b>2984.0001Y / Sendero Verde Redevelopment Project</b>		LOCATION <b>Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.</b>
APPROVED BY <b>N. Clarke</b>	LOGGED BY <b>V. Sabatasso</b>	<b>Manhattan, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Trinity Environmental / J. Sakellis</b>		GEOGRAPHIC AREA <b>Manhattan, Block 1617, Lot 20</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>7720DT / Geoprobe</b>
LAND SURFACE ELEVATION <b>Not Measured</b>	DEPTH TO WATER <b>Not Measured</b>	BACKFILL <b>Clean cuttings</b>
SAMPLING METHOD <b>2" Macro-Core</b>		
START-FINISH DATE <b>4/30/18-5/4/18</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5		Brown, fine to medium SAND, some Brick and Rubber, little Silt, trace glass (fill); dry.		0.0	Hand cleared to 5 feet bls.  Sample SB-12 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
10		Brown, MIXED FILL, some Brick, Asphalt, broken Concrete, and fine to medium Sand, little coarse sand and gravel (fill); moist.		0.0	2 feet of recovery.  1 feet of recovery.
15		Brown, fine to coarse SAND, some Silt, trace fine gravel; wet.		0.0	3 feet of recovery.  Sample SB-12 (17-19) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
20					End of soil boring at 20 feet bls.

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# SOIL BORING LOG

WELL NO. <b>SB-2</b>	NORTHING <b>Not Measured</b>	EASTING <b>Not Measured</b>
PROJECT NO./NAME <b>2984.0001Y / Sendero Verde Redevelopment Project</b>		LOCATION <b>Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.</b>
APPROVED BY <b>N. Clarke</b>	LOGGED BY <b>V. Sabatasso</b>	<b>Manhattan, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Trinity Environmental / J. Sakellis</b>		GEOGRAPHIC AREA <b>Manhattan, Block 1617, Lot 20</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>7720DT / Geoprobe</b>
LAND SURFACE ELEVATION <b>Not Measured</b>	DEPTH TO WATER <b>Not Measured</b>	BACKFILL <b>Clean cuttings</b>
SAMPLING METHOD <b>2" Macro-Core</b>		
START-FINISH DATE <b>5/1/18-5/2/18</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown, fine to medium SAND, some Silt and Wood, trace gravel, glass, and brick (fill); moist.		0.0	Hand cleared to 5 feet bls.
					Sample SB-2 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
5		Brown, fine to medium SAND, some Silt and coarse Sand, trace fine gravel and brick (fill); moist.			
		BRICK, some fine to medium SAND, (fill); dry.			2.5 feet of recovery.
10		Brown, fine to coarse SAND, some Brick, trace fine gravel (fill); dry.		0.0	
					4.5 feet of recovery.
		Brown, SILT; dry.			
		Brown, fine to medium SAND, trace coarse sand; moist.		0.0	
15		Brown, medium to coarse SAND, trace fine gravel; wet.			4 feet of recovery.
		Brown, SILT, trace fine sand; wet.		0.0	Sample SB-2 (17.5-19.5) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
20					End of soil boring at 20 feet bls.

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# SOIL BORING LOG

WELL NO. <b>SB-3</b>	NORTHING <b>Not Measured</b>	EASTING <b>Not Measured</b>
PROJECT NO./NAME <b>2984.0001Y / Sendero Verde Redevelopment Project</b>		LOCATION <b>Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.</b>
APPROVED BY <b>N. Clarke</b>	LOGGED BY <b>V. Sabatasso</b>	<b>Manhattan, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Trinity Environmental / J. Sakellis</b>		GEOGRAPHIC AREA <b>Manhattan, Block 1617, Lot 20</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>7720DT / Geoprobe</b>
LAND SURFACE ELEVATION <b>Not Measured</b>	DEPTH TO WATER <b>Not Measured</b>	BACKFILL <b>Clean cuttings</b>
SAMPLING METHOD <b>2" Macro-Core</b>		
START-FINISH DATE <b>4/30/18-5/1/18</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some coarse Sand and Brick, little Silt (fill); dry.		0.0	Hand cleared to 5 feet bls.
					Sample SB-3 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
5		Light brown, fine to medium SAND, some broken Concrete, trace brick and metal (fill); dry.			
		Brown, MIXED FILL, some Brick, Asphalt, broken Concrete, and fine to medium Sand (fill); moist.		0.8	2 feet of recovery.
10				0.2	2.5 feet of recovery.
15		Brown, fine to coarse SAND, some Silt, trace fine gravel; wet.		0.0	4.5 feet of recovery.
				0.0	
					Sample SB-3 (17-19) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
20					End of soil boring at 20 feet bls.

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# SOIL BORING LOG

WELL NO. <b>SB-4</b>	NORTHING <b>Not Measured</b>	EASTING <b>Not Measured</b>
PROJECT NO./NAME <b>2984.0001Y / Sendero Verde Redevelopment Project</b>		LOCATION <b>Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.</b>
APPROVED BY <b>N. Clarke</b>	LOGGED BY <b>V. Sabatasso</b>	<b>Manhattan, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Trinity Environmental / J. Sakellis</b>		GEOGRAPHIC AREA <b>Manhattan, Block 1617, Lot 20</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>7720DT / Geoprobe</b>
LAND SURFACE ELEVATION <b>Not Measured</b>	DEPTH TO WATER <b>Not Measured</b>	BACKFILL <b>Clean cuttings</b>
SAMPLING METHOD <b>2" Macro-Core</b>		
START-FINISH DATE <b>4/30/18-5/1/18</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5		Dark brown, fine to medium SAND, some Brick and Silt, little fine Gravel and Cobble (fill); moist.		0.0	Hand cleared to 5 feet bls.  Sample SB-4 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
10		Brown, MIXED FILL, some Brick, Asphalt, broken Concrete, and fine to medium Sand fine to medium Sand, little coarse Sand and fine Gravel (fill); moist.		0.0	3 feet of recovery.  1 feet of recovery.
15		Brown, fine to medium SAND and SILT; wet.		0.0	Sample SB-4 (11-13) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.  4 feet of recovery.
20				0.0	End of soil boring at 20 feet bls.

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# SOIL BORING LOG

WELL NO. <b>SB-5</b>	NORTHING <b>Not Measured</b>	EASTING <b>Not Measured</b>
PROJECT NO./NAME <b>2984.0001Y / Sendero Verde Redevelopment Project</b>		LOCATION <b>Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.</b>
APPROVED BY <b>N. Clarke</b>	LOGGED BY <b>V. Sabatasso</b>	<b>Manhattan, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Trinity Environmental / J. Sakellis</b>		GEOGRAPHIC AREA <b>Manhattan, Block 1617, Lot 20</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>7720DT / Geoprobe</b>
LAND SURFACE ELEVATION <b>Not Measured</b>	DEPTH TO WATER <b>Not Measured</b>	BACKFILL <b>Clean cuttings</b>
SAMPLING METHOD <b>2" Macro-Core</b>		
START-FINISH DATE <b>4/30/18-5/2/18</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some coarse Sand and Brick, little Silt and Cobble (fill); dry.		0.0	Hand cleared to 5 feet bls.
					Sample SB-5 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
5		Dark brown, fine to medium SAND, little Brick, broken Concrete, fine Gravel, and Silt (fill); dry.			5
		Brown, MIXED FILL, some Brick, Asphalt, broken Concrete, and fine to medium Sand, little coarse Sand (fill); moist.			2.5 feet of recovery.
10				0.0	10
					3 feet of recovery.
15		Brown, fine to medium SAND, some Cobble and fine Gravel; wet.		0.0	15
		Brown, fine to coarse SAND, litte Silt and fine Gravel; wet.			4 feet of recovery.
				0.0	Sample SB-5 (18-20) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
20		Brown, fine to medium SAND, some Silt, trace fine gravel; wet.			End of soil boring at 20 feet bls.

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# SOIL BORING LOG

WELL NO. <b>SB-6</b>	NORTHING <b>Not Measured</b>	EASTING <b>Not Measured</b>
PROJECT NO./NAME <b>2984.0001Y / Sendero Verde Redevelopment Project</b>		LOCATION <b>Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.</b>
APPROVED BY <b>N. Clarke</b>	LOGGED BY <b>V. Sabatasso</b>	<b>Manhattan, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Trinity Environmental / J. Sakellis</b>		GEOGRAPHIC AREA <b>Manhattan, Block 1617, Lot 20</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>7720DT / Geoprobe</b>
LAND SURFACE ELEVATION <b>Not Measured</b>	DEPTH TO WATER <b>Not Measured</b>	BACKFILL <b>Clean cuttings</b>
SAMPLING METHOD <b>2" Macro-Core</b>		
START-FINISH DATE <b>4/30/18-5/2/18</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5		Brown, fine to medium SAND, some Brick, little Silt and Cobble (fill); dry.		0.0	Hand cleared to 5 feet bls.  Sample SB-6 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
10		Brown, MIXED FILL, some Brick, Asphalt, broken Concrete, Cobble, and fine to medium SAND, little coarse Sand and fine Gravel, (fill); dry.		0.0	3 feet of recovery.
15		Brown, fine to coarse SAND, little Silt and fine Gravel; wet.		0.0	3.5 feet of recovery.
20		Brown, fine to medium SAND, some Silt, trace coarse sand; wet.		0.0	5 feet of recovery.  Sample SB-6 (17-19) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
20					End of soil boring at 20 feet bls.

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# SOIL BORING LOG

WELL NO. <b>SB-7</b>	NORTHING <b>Not Measured</b>	EASTING <b>Not Measured</b>
PROJECT NO./NAME <b>2984.0001Y / Sendero Verde Redevelopment Project</b>		LOCATION <b>Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.</b>
APPROVED BY <b>N. Clarke</b>	LOGGED BY <b>V. Sabatasso</b>	<b>Manhattan, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Trinity Environmental / J. Sakellis</b>		GEOGRAPHIC AREA <b>Manhattan, Block 1617, Lot 20</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>7720DT / Geoprobe</b>
LAND SURFACE ELEVATION <b>Not Measured</b>	DEPTH TO WATER <b>Not Measured</b>	BACKFILL <b>Clean cuttings</b>
SAMPLING METHOD <b>2" Macro-Core</b>		
START-FINISH DATE <b>4/30/18-5/3/18</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5		Dark brown, fine to medium SAND, some Brick and Silt, trace cobble (fill); moist.		0.0	Hand cleared to 5 feet bls.  Sample SB-7 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
10		Crushed BOULDER, COBBLE, and GRAVEL (fill); dry.		0.0	5 feet of recovery.
15		Gray, crushed BOULDER and fine to medium SAND, trace brick and wood (fill); dry.		0.0	3 feet of recovery.  Sample SB-7 (11-13) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
20		Brown, fine to medium SAND, some Silt, trace fine Gravel; wet.		0.0	3 feet of recovery.  End of soil boring at 20 feet bls.

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# SOIL BORING LOG

WELL NO. <b>SB-8</b>	NORTHING <b>Not Measured</b>	EASTING <b>Not Measured</b>
PROJECT NO./NAME <b>2984.0001Y / Sendero Verde Redevelopment Project</b>		LOCATION <b>Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.</b>
APPROVED BY <b>N. Clarke</b>	LOGGED BY <b>V. Sabatasso</b>	<b>Manhattan, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Trinity Environmental / J. Sakellis</b>		GEOGRAPHIC AREA <b>Manhattan, Block 1617, Lot 20</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>7720DT / Geoprobe</b>
LAND SURFACE ELEVATION <b>Not Measured</b>	DEPTH TO WATER <b>Not Measured</b>	BACKFILL <b>Clean cuttings</b>
SAMPLING METHOD <b>2" Macro-Core</b>		
START-FINISH DATE <b>4/30/18-5/3/18</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
0.0		Brown, fine to medium SAND, some Brick, little Silt, Gravel, and Cobble (fill); dry.		0.0	Hand cleared to 5 feet bls.
5		Brown, SILT, some fine Sand, trace fine gravel and debris (glass) (fill); moist.			Sample SB-8 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
10		Dark brown, MIXED FILL, some Brick, Asphalt, Glass, fine Gravel, and fine to medium Sand, little Silt, trace cobble (fill); moist.		0.0	2.5 feet of recovery.
15		Brown, fine to coarse SAND, little Silt and fine Gravel; wet.		0.0	2 feet of recovery.
20		Brown, fine to medium SAND and SILT; wet.		0.0	4 feet of recovery.
					Sample SB-8 (18-20) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
					End of soil boring at 20 feet bls.

BORING/FEET 2984.0001Y000.GPJ ROUX.GDT 11/13/18



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# SOIL BORING LOG

WELL NO. <b>SB-9</b>	NORTHING <b>Not Measured</b>	EASTING <b>Not Measured</b>
PROJECT NO./NAME <b>2984.0001Y / Sendero Verde Redevelopment Project</b>		LOCATION <b>Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.</b>
APPROVED BY <b>N. Clarke</b>	LOGGED BY <b>V. Sabatasso</b>	<b>Manhattan, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Trinity Environmental / J. Sakellis</b>		GEOGRAPHIC AREA <b>Manhattan, Block 1617, Lot 20</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>7720DT / Geoprobe</b>
LAND SURFACE ELEVATION <b>Not Measured</b>	DEPTH TO WATER <b>Not Measured</b>	BACKFILL <b>Clean cuttings</b>
SAMPLING METHOD <b>2" Macro-Core</b>		
START-FINISH DATE <b>5/1/18-5/3/18</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5		Brown, fine to medium SAND, some Silt and Brick, little Wood, trace metal (fill); moist.		0.0	Hand cleared to 5 feet bls.  Sample S9-3 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
		Light brown, MIXED FILL, some Brick, Asphalt, broken Concrete, and fine to medium Sand (fill); dry.			3 feet of recovery.
		Crushed BOULDER.		0.0	
10		Light brown, fine to medium SAND and COBBLE (fill); moist.			
		Brown, MIXED FILL, some Brick, Wood, fine Gravel, and fine to medium Sand (fill); moist.			4.5 feet of recovery.
		Brown, fine to medium SAND, some Silt, trace cobble; moist.		0.0	
15		Brown, fine to coarse SAND, little Silt, trace gravel; wet.			4.5 feet of recovery.
				0.0	Sample SB-9 (14.5-16.5) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
20					End of soil boring at 20 feet bls.

BORING/FEET 2984.0001Y000.GPJ ROUX.GDT 11/13/18