

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

~ mg



Page 1	of <b>1</b>		BORING LOG				_
WELL NO. <b>SE</b>	3-1	NORTHING Not Measured	EASTING Not Measured				
PROJECT NO	)./NAME		LOCATION				
<u>2984.0001                                  </u>		erde Redevelopment Project   LOGGED BY	Between Madison Ave. and	Park Ave.; E	East 111	St. and East 112 St.	
N. Clarke		V. Sabatasso	Manhattan, New York				
	NTRACTOR/DRILI <b>/ironmental / J</b>		GEOGRAPHIC AREA Manhattan, Block 1617, Lot	20			
DRILL BIT DIA	METER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING N	/ETHOD	START-FINISH DATE	_
2-in. / Drive	e Sampler CE ELEVATION	<b>2-inches</b> DEPTH TO WATER	7720DT / Geoprobe	2" Macro-	Core	5/1/18-5/2/18	_
Not Measu		Not Measured	Clean cuttings				
Depth,	Graphic	Viewel		Blow Counts	PID Values	s REMARKS	_
feet	Log	VISUALL	Description	per 6"	(ppm)	S REWARNS	
	444	Brown, fine to medium SAND, sommoist.	e Silt and Brick, trace fine gravel (fill);		0.0	Hand cleared to 5 feet bls.	
	000						
	7.00					Sample SB-1 (0-2) collected for VOCs, SVOCs, PCBs,	i
						Pesticides and TAL Metals.	
	000	1			a a		
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	444						
		-					
5		Drown fine to medicine CAND	a Driet Apphalt bretter Comment			0.5 ( ) . (	
		Brown, fine to medium SAND, some Cobble, fine Gravel, trace metal (fill				2.5 feet of recovery.	
	444						
	000						
	000				0.0		
					0.0		
40	000						
10						4 feet of recovery.	
	000						
	000				1.5	Sample SB-1 (12-14)	
	000					collected for VOCs, SVOCs, PCBs, Pesticides and TAL	,
						Metals.	
	444						
		Brown, fine to coarse SAND, little S	Silt and fine Gravel; wet.				
15	000000000000000000000000000000000000000						
_						3.5 feet of recovery.	
	000000000000000000000000000000000000000						
	000000000000000000000000000000000000000						
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	000000000000000000000000000000000000000				0.0		
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						Entertain to the control of	
20	[00000000000000000000000000000000000000	•]				End of soil boring at 20 feet	



209 Shafter Street Islandia, NY 11749 Telephone: (631) 232-2600 Fax: (631) 232-9898

Page 1 WELL NO.	of 1	NORTHING	EASTING LOG			
SE	B-10	Not Measured	Not Measured			
PROJECT NO		erde Redevelopment Project	LOCATION			
APPROVED I		LOGGED BY	Detween Madison Ave. and i	Park Ave.; E	ast 111	St. and East 112 St.
N. Clarke	ONTE A CTOR/DDII	V. Sabatasso	Manhattan, New York GEOGRAPHIC AREA			
	ONTRACTOR/DRIL vironmental / 、		Manhattan, Block 1617, Lot 2	20		
DRILL BIT DI	AMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING M	1ETHOD	START-FINISH DATE
<b>2-in. / Driv</b> Land Surfa	ve Sampler ACE ELEVATION	<b>2-inches</b> DEPTH TO WATER	7720DT / Geoprobe	2" Macro-	Core	5/1/18-5/1/18
Not Meas		Not Measured	Clean cuttings			
Depth, feet	Graphic	Visual D	Description	Blow Counts	PID Values	REMARKS
	Log		e Brick, little coarse Sand and Silt, trace	per 6"	(ppm)	Hand cleared to 5 feet bls.
	0 0 0	E (EII)	5 2.10.1, Italia 664.65 Caria and Citi, trace		0.0	riaria dicarca to o feet bio.
	444					Sample SB-10 (0-2) collected
						for VOCs, SVOCs, PCBs,
						Pesticides and TAL Metals.
	444	`- <mark> </mark>			À	
	000	. ]				
	0 0 0 0 0 0					
5			sphalt, broken Concrete, and fine to		╛	2 foot of rocovery
		Count little fire County (fill).				2 feet of recovery.
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	444				0.0	
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10	000					
						1 foot of recovery.
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	444				0.0	
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15	444					
15_	• • • • • • • • • • • • • • • • • • • •	Brown, fine to coarse SAND, little fi	ne Gravel; wet.			4 feet of recovery.
		<b>.</b>				
	0,0000000000000000000000000000000000000	•				
	°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°	•				Sample SB-10 (15-17)
	**********  *********					collected for VOCs, SVOCs,
	* ` * ` * ` * ` * <sup>\$</sup> * <sup>\$</sup> * * * * * * * * * * * * * * * * * * *	•				PCBs, Pesticides and TAL Metals.
	° . ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	•				
	0   0   0   0   0   0   0   0   0   0	•			0.0	
	, °, °, °, °, °, °, °, °, °, °, °, °, °,	•}				
	8,0,0,0,0	•				End of soil boring at 20 feet
20	<u>````````</u>	*				bls.



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WELL NO.	OI I	NORTHING	EASTING LOG				
SE	3-11	Not Measured	Not Measured				
PROJECT NO		erde Redevelopment Projec	LOCATION		-		
<u>2984.0001</u> APPROVED E		LOGGED BY	Between Madison Ave. and	Park Ave.; E	ast 111	St. and East 112 St.	
N. Clarke		V. Sabatasso	Manhattan, New York				
	ONTRACTOR/DRIL vironmental /		GEOGRAPHIC AREA  Manhattan, Block 1617, Lot	20			
DRILL BIT DI	AMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING M	ETHOD	START-FINISH DATE	
2-in. / Driv	ve Sampler	2-inches	7720DT / Geoprobe	2" Macro-0	Core	5/1/18-5/4/18	
Not Measu	ACE ELEVATION	DEPTH TO WATER  Not Measured	BACKFILL Clean cuttings				
			,				
Depth, feet	Graphic Log	Visual	Description	Blow Counts	PID Values	s REMARKS	
			ne Silt, little Brick, Gravel, and Cobble,	per 6"	(ppm) 0.0	Hand cleared to 5 feet bls.	
	000		moist.				
	444					Sample SB-11 (0-2) collected	ed
						for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.	
	000					. Solioloss and TAL Metals.	
	444	:		G	Ì		
	D D D						
	000						
5			Asphalt, and fine to medium Sand, trace			2 feet of recovery	_5
		1.000	opnait, and into to modium band, tlace			2 feet of recovery.	
	444						
	000						
						Sample SB-11 (8-10) collected for VOCs, SVOCs,	
	444				2.8	PCBs, Pesticides and TAL	
	000					Metals.	
10					ļ		10
	2 2 2				0.1	2 feet of recovery.	
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	D D D						
	7 7 7						
	444	·.					
	\( \triangle \tr						
	444	Brown, fine to medium SAND, son	ne Silt, trace coarse sand; wet.				
45							
15		Brown, fine to coarse SAND, little	Silt and fine Gravel; wet.		0.3	5 feet of recovery.	15
	000000000000000000000000000000000000000	• ], 15 350.05 5. 1.15, Ittlo			0.3	S.Sot of Toodvory.	
	\$ 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,	*]					
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	<u> </u>	Prouve fine to see the CAND	CII Turnet				
		Brown, fine to medium SAND and	SIL1; Wet.		0.0		
		3				End of coll besides at 00 ft at	
20		7			ļ	End of soil boring at 20 feet bls.	20



Page 1	of <b>1</b>		BURING LUG				
WELL NO.	-12	NORTHING Not Measured	EASTING Not Measured				
PROJECT NO.	./NAME		LOCATION				
2984.0001Y APPROVED BY	<u>/ / Sendero Ve</u> ∨	rde Redevelopment Project LOGGED BY	Between Madison Ave. and F	Park Ave.; Ea	st 111	St. and East 112 St.	
N. Clarke	•	V. Sabatasso	Manhattan, New York				
	NTRACTOR/DRILL	ER	GEOGRAPHIC AREA Manhattan, Block 1617, Lot 2	20			
<u>I <b>rinity Env</b></u> Drill bit dia	<u>ironmental / J</u> METER/TYPE	. Sakellis BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING ME	THOD	START-FINISH DATE	
2-in. / Drive	Sampler	2-inches	7720DT / Geoprobe	2" Macro-C	ore	4/30/18-5/4/18	
		DEPTH TO WATER	BACKFILL				
Not Measu	reu	Not Measured	Clean cuttings				
epth,	Graphic	VisualΓ	) escription	Blow Counts	PID Values	REMARKS	
feet	Log		e Brick and Rubber, little Silt, trace glass	per 6"	(ppm)	Hand cleared to 5 feet bls.	
		(fill); dry.	e Brick and Rubber, little Silt, trace glass		0.0	nand cleared to 5 feet bis.	
	444					Sample SP 12 (0.2) collects	e,
						Sample SB-12 (0-2) collected for VOCs, SVOCs, PCBs,	
						Pesticides and TAL Metals.	
				G			
	000						
	000						
5		Brown MIXED FILL some Brick A	sphalt, broken Concrete, and fine to			2 feet of recovery.	
		medium Sand, little coarse sand an				E 1301 OF 1600VGFy.	
	444						
	000				0.0		
					0.0		
	000						
10						1 feet of recovery.	
	444					i iset of recovery.	
					0.0		
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	444						
	000						
_	444						
15	· · ·   · · · · · · · · · · · · · · ·	Brown, fine to coarse SAND, some	Silt, trace fine gravel: wet.			3 feet of recovery.	
	0,0,0   0,000	, 12 234.00 0. 1.12, 00110	, - see g			3.33t 31.1000 voly.	
	0,000   0,00					Sample SB-12 (17-19)	
	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °					collected for VOCs, SVOCs	3,
					0.0	PCBs, Pesticides and TAL Metals.	
	\$ 0,00,0 0,000 \$ 0,000,000				0.0		
						End of soil boring at 20 feet	t
20	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °					bls.	_



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WELL NO.	01 1	NORTHING	EASTING				
PROJECT NO.		Not Measured	Not Measured LOCATION				
		erde Redevelopment Projec		Dark Ava i E	act 444	St. and East 112 St	
APPROVED BY	1	LOGGED BY	Between maaison Ave. and i	ark Ave., E	astiii	St. and East 112 St.	
N. Clarke	NTRACTOR/DRIL	V. Sabatasso	Manhattan, New York GEOGRAPHIC AREA				
	ironmental /		Manhattan, Block 1617, Lot 2	20			
DRILL BIT DIAN	METER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING MI	ETHOD	START-FINISH DATE	
2-in. / Drive	E Sampler CE ELEVATION	<b>2-inches</b> DEPTH TO WATER	7720DT / Geoprobe	2" Macro-C	ore	5/1/18-5/2/18	
Not Measur		Not Measured	Clean cuttings				
Depth, feet	Graphic Log	Visual	Description	Blow Counts per 6"	PID Values (ppm)	REMARKS	
	ΔΔΔ	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	D, some Silt and Wood, trace gravel,		0.0	Hand cleared to 5 feet bls.	
		`   ` ' ' '					
						Sample SB-2 (0-2) collected	
						for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.	
	444			G	1		
	444		me Silt and coarse Sand, trace fine gravel				
		11 11 (610)	,				
5	1	:	ND (fill): dry			2.5 feet of recovery.	_5
	444	1	(III), di y.			2.3 leet of fectivery.	
	444						
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	444		e Brick, trace fine gravel (fill); dry.				
					0.0		
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10	000						10
10					i	4.5 feet of recovery.	-10
	444	Brown, SILT; dry.					
		Brown, fine to medium SAND, tra	ce coarse sand; moist.				
			•		0.0		
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	• • • • •	Brown, medium to coarse SAND,	trace fine gravel; wet				
	0,0,0,0,0,0	brown, medium to coarse SAND,	uace ilie gravel, wet.				
15	``o``o``o``o``o					4.6 1 6	15
						4 feet of recovery.	
		•					
						Sample SB-2 (17.5-19.5) collected for VOCs, SVOCs,	
		•				PCBs, Pesticides and TAL	
		Brown, SILT, trace fine sand; wet		_	0.0	Metals.	
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20		-				End of soil boring at 20 feet	20
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PROJECT NO		NORTHING Not Measured	EASTING Not Measured LOCATION				
	Y / Sendero Ve	erde Redevelopment Project		Park Ave.;	East 111	St. and East 112 St.	
APPROVED E N. Clarke	וט	V. Sabatasso	Manhattan, New York				
DRILLING CO	ONTRACTOR/DRILL	LER	GEOGRAPHIC AREA Manhattan, Block 1617, Lot	20			
DRILL BIT DIA	vironmental / J AMETER/TYPE	D. SAKEIIIS BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING I	METHOD	START-FINISH DATE	-
2-in. / Driv	e Sampler	2-inches	7720DT / Geoprobe	2" Macro	-Core	4/30/18-5/1/18	
Not Measu		DEPTH TO WATER  Not Measured	BACKFILL Clean cuttings				
NOT MICAGO		TTO C MODULOU	Gloan Gatango				
Depth, feet	Graphic Log	Visual D	Description	Blow Counts per 6"	PID Values (ppm)	REMARKS	
		Brown, fine to medium SAND, some dry.	e coarse Sand and Brick, little Silt (fill);		0.0	Hand cleared to 5 feet bls.	
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	000					Sample SB-3 (0-2) collected for VOCs, SVOCs, PCBs,	
		1				Pesticides and TAL Metals.	
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	444						
		Links have a first to so it is CAND	anna hashan Oney of a feet had				
		Light brown, fine to medium SAND, metal (fill); dry.	, some broken Concrete, trace brick an	u			
5	ند ندندا	Proup MIVED FILL come Delete A	sphalt, broken Concrete, and fine to			O foot of many	
		medium Sand (fill); moist.	ophall, broken concrete, and fine to		0.8	2 feet of recovery.	
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10						2.E foot of	
					0.2	2.5 feet of recovery.	
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	4.4.4	Proup fine to occurs CAND	Cilt trace fine grouply unt				
	000000000000000000000000000000000000000	Brown, fine to coarse SAND, some	Siit, trace iirie gravei; wet.		0.0		
15	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					4 E foot of rocasses	
	00000					4.5 feet of recovery.	
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	000000000000000000000000000000000000000				V .	Comple CD 0 (47 40)	
						Sample SB-3 (17-19) collected for VOCs, SVOCs,	۶,
					l l	PCBs, Pesticides and TAL Metals.	
	000000000000000000000000000000000000000						
						End of soil boring at 20 feet	ł
20	``	[]				bls.	



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Page 1	of <b>1</b>		BORING LOG				
WELL NO.	D 4	NORTHING	EASTING Not Measured				
PROJECT NO	<b>B-4</b> D./NAME	Not Measured	LOCATION				
2984.0001	Y / Sendero V	erde Redevelopment Project	Between Madison Ave. and I	Park Δve · F:	act 111	St. and Fast 112 St	
APPROVED E	BY	LOGGED BY		un 7,10., 2	uot 111	ot. una Luot 112 ot.	
N. Clarke	ONTRACTOR/DRIL	V. Sabatasso	Manhattan, New York GEOGRAPHIC AREA				
	vironmental /		Manhattan, Block 1617, Lot	20			
DRILL BIT DIA	AMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING ME	THOD	START-FINISH DATE	
2-in. / Driv	e Sampler	2-inches	7720DT / Geoprobe	2" Macro-C	ore	4/30/18-5/1/18	
Not Measu	ACE ELEVATION	DEPTH TO WATER  Not Measured	BACKFILL Clean cuttings				
NOT MEast	uieu	Not Measured	Clean cullings				
Depth,	Graphic			Blow	PID		
feet	Log		) escription	Counts per 6"	Values (ppm)		
		1 (0 - 1 - 1 - 1 - 1 (0 11)	some Brick and Silt, little fine Gravel		0.0	Hand cleared to 5 feet bls.	
	444						
	000					Sample SB-4 (0-2) collected for VOCs, SVOCs, PCBs,	
		A				Pesticides and TAL Metals.	
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5		•	enhalt broken Concrete and fine to			2 fact of recovery	_5
			sphalt, broken Concrete, and fine to d, little coarse Sand and fine Gravel (fill);			3 feet of recovery.	
		moist					
	2 2 2						
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						1 feet of recovery.	
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	000	> .					
	444	A				Sample SB-4 (11-13)	
	000					collected for VOCs, SVOCs,	
	444				0.0	PCBs, Pesticides and TAL Metals.	
						motulo.	
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15	444						15
15	<u> </u>	Brown, fine to medium SAND and S	SILT; wet.		ì	4 feet of recovery.	_15
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						End of soil boring at 20 feet	
20						End of soil boring at 20 feet bls.	20



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WELL NO.	01 1	NORTHING	EASTING				
SE	B-5	Not Measured	Not Measured				
PROJECT NO		erde Redevelopment Proje	LOCATION		_		
APPROVED E	<u>17 Sendero v</u> 3Y	LOGGED BY	Detween Maaison Ave. and	Park Ave.; E	ast 111	St. and East 112 St.	
N. Clarke		V. Sabatasso	Manhattan, New York				
	NTRACTOR/DRIL		GEOGRAPHIC AREA Manhattan, Block 1617, Lot	20			
DRILL BIT DIA	vironmental / . AMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING M	1ETHOD	START-FINISH DATE	
2-in. / Driv		2-inches	7720DT / Geoprobe	2" Macro-	Core	4/30/18-5/2/18	
LAND SURFA	CE ELEVATION	DEPTH TO WATER	BACKFILL			·	
Not Measu	ured	Not Measured	Clean cuttings				
Depth,	Graphic	Viewal	Decerintion	Blow Counts	PID Values	REMARKS	
feet	Log	visuai	Description	per 6"	(ppm)	NEWAKKS	
	444	0 111 (50)	ome coarse Sand and Brick, little Silt and		0.0	Hand cleared to 5 feet bls.	
						Sample SB-5 (0-2) collected	
						for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.	
	7 7 7					T SOLIDIUGS WITH TAL INICIAIS.	
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	444						
	000		10 Hui 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
		0.00 01 0.01 (01) 0.10	ID, little Brick, broken Concrete, fine				
5		`					_5
	444	Brown, MIXED FILL, some Brick	, Asphalt, broken Concrete, and fine to			2.5 feet of recovery.	
	000		(fill); moist.				
ļ					11		
	7 0 0						
	444				0.0		
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10						3 feet of recovery.	_10
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	444				0.0		
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	000						
	1	Brown, fine to medium SAND, so	ome Cobble and fine Gravel; wet.				
		<b>.</b>					
15	<u>*</u>	Brown, fine to coarse SAND, litte	Silt and fine Gravel: wet			4 feet of recovery.	15
	°`°`°`°`°°°°°°°°°°°°°°°°°°°°°°°°°°°°°	STOWN, THE TO COURSE OF NO.	John Graver, Wet.			TIEST OF ISCOVERY.	
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		Ĭ					
						Sample SB-5 (18-20)	
					0.0	collected for VOCs, SVOCs,	
	ؙ ؙؙؙؙؙؙؙٛ ؙؙؙؙؙؙ	Brown, fine to medium SAND, so	ome Silt_trace fine gravel; wet		11	PCBs, Pesticides and TAL Metals.	
		Brown, mile to medium SAND, SC	one one, hade inte graver, wet.				
		:-				End of soil boring at 20 feet	
20		<u> </u>				End of soil boring at 20 feet bls.	20



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WELL NO.		NORTHING	EASTING				
	B-6	Not Measured	Not Measured				
PROJECT NO 2984.0001		erde Redevelopment Project	LOCATION	Davis As : -		04 and E+ 440 01	
APPROVED E		LOGGED BY	Detween Madison Ave. and	Park Ave.; E	ast 111	St. and East 112 St.	
N. Clarke	NITDAOTOD/DO"	V. Sabatasso	Manhattan, New York				
	ONTRACTOR/DRIL Vironmental /		GEOGRAPHIC AREA Manhattan, Block 1617, Lot	20			
	AMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING N	/IETHOD	START-FINISH DATE	
2-in. / Driv	e Sampler	2-inches	7720DT / Geoprobe	2" Macro-	Core	4/30/18-5/2/18	
	ACE ELEVATION	DEPTH TO WATER	BACKFILL				
Not Measu	urea	Not Measured	Clean cuttings				
Depth, feet	Graphic Log	Visual [	Description	Blow Counts	PID Values	REMARKS	
			ne Brick, little Silt and Cobble (fill); dry.	per 6"	(ppm)	Hand cleared to 5 feet bls.	
			le blick, illie Sill and Cobble (IIII), dry.		0.0	nand cleared to 5 feet bis.	
	444					0	
	D D D					Sample SB-6 (0-2) collected for VOCs, SVOCs, PCBs,	
	444					Pesticides and TAL Metals.	
					3		
					1		
	000						
	2 2 2						
	444						
	D D D						
5		· .	Asphalt, broken Concrete, Cobble, and	_		2 fact of recovery	_5
		fine to menditure CANID little and and	Sand and fine Gravel, (fill); dry.			3 feet of recovery.	
		<b>`</b>					
	7 7 7						
	444						
	000						
	444	· .					
	ΔΔΔ				0.0		
					0.0		
	2 2 2						
10	444						_10
	D D D					3.5 feet of recovery.	
	444						
	D D D						
	0 0 0				0.0		
					]		
		Brown, fine to coarse SAND, little S	Silt and fine Gravel: wet				
	   • • • • • • • • • • • • • • • • • •	Slown, file to coarse SAND, iltile s	on and into Graver, wet.				
	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °						
15	0,0,0,0,0						1
						5 feet of recovery.	
						Sample SR-6 (17-10)	
		Proup fine to modium CAND	no Silt trace coerce conditions			Sample SB-6 (17-19) collected for VOCs, SVOCs,	
	포함되다	Brown, fine to medium SAND, som	ie Siil, trace coarse sand; wet.			PCBs, Pesticides and TAL	
		<u>.</u>			0.0	Metals.	
		7					
		1					
	- IS SE <u>F</u> ≟	<u> -</u>				End of soil boring at 20 feet	



209 Shafter Street Islandia, NY 11749 Telephone: (631) 232-2600 Fax: (631) 232-9898

WELL NO.	OI I	NORTHING	EASTING				
S	B-7	Not Measured	Not Measured				
PROJECT NO		erde Redevelopment Projec	LOCATION				
APPROVED		LOGGED BY	Between Madison Ave. and P	ark Ave.; E	ast 111	St. and East 112 St.	
N. Clarke		V. Sabatasso	Manhattan, New York				
	ONTRACTOR/DRIL vironmental /		GEOGRAPHIC AREA Manhattan, Block 1617, Lot 2	20			
DRILL BIT DI	AMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING N	IETHOD	START-FINISH DATE	
2-in. / Driv	ve Sampler	2-inches	7720DT / Geoprobe	2" Macro-	Core	4/30/18-5/3/18	
Not Meas	ACE ELEVATION	DEPTH TO WATER  Not Measured	BACKFILL Clean cuttings				
NOT WICES	uicu	Not incusured	Totali cuttings				
Depth, feet	Graphic	Visuall	Description	Blow Counts	PID Values	S REMARKS	
	Log		, some Brick and Silt, trace cobble (fill);	per 6"	(ppm)	Hand cleared to 5 feet bls.	
	000		, some brok and one, dage cobbie (iiii),		0.0	Tiand cleared to 3 feet bis.	
	444	:				Sample SB-7 (0-2) collected	
	000					for VOCs, SVOCs, PCBs,	
						Pesticides and TAL Metals.	
	4.4.4				à		
	000						
	444						
	\(\lambda \) \(\lambda \) \(\lambda \) \(\lambda \) \(\lambda \)						
5		· .	d CDAVEL (SIIV) day			5 6 . 1 . 6	_5
			u GRAVEL (IIII), UIY.			5 feet of recovery.	
	444						
	D D D						
	444						
	444				0.0		
	000						
10		:					10
		Gray, crushed BOULDER and fine	to medium SAND, trace brick and wood			3 feet of recovery.	
		·   · · ·					
						Sample SB-7 (11-13) collected for VOCs, SVOCs,	
	444	· .				PCBs, Pesticides and TAL	
	000				0.0	Metals.	
		Brown, fine to medium SAND, som	ne Silt, trace fine Gravel; wet.	_			
		<u>.</u>					
15		<u>-</u> :					15
		-			ĺ	3 feet of recovery.	
		<del>[</del> ]					
		<u>.</u> .					
		-					
		4			0.0		
					0.0		
		<u>.</u> .					
						End of soil boring at 20 feet	
20		.4				bls.	20



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WELL NO.	OI I	NORTHING	EASTING LOG				
S	B-8	Not Measured	Not Measured				
PROJECT NO		erde Redevelopment Projec	LOCATION				
APPROVED I		LOGGED BY	Between Madison Ave. and I	Park Ave.; Ea	ast 111	St. and East 112 St.	
N. Clarke		V. Sabatasso	Manhattan, New York				
	ONTRACTOR/DRIL vironmental /		GEOGRAPHIC AREA Manhattan, Block 1617, Lot 2	20			
	AMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING ME	THOD	START-FINISH DATE	
2-in. / Driv	ve Sampler	2-inches	7720DT / Geoprobe	2" Macro-C	Core	4/30/18-5/3/18	
Not Measu	ACE ELEVATION	DEPTH TO WATER  Not Measured	BACKFILL Clean cuttings				
NOT WEAS	ureu	Not measured	Olean Cullings				
Depth, feet	Graphic Log	Visual	Description	Blow Counts	PID Values	S REMARKS	
			ne Brick, little Silt, Gravel, and Cobble	per 6"	(ppm)	lland alarmed to C foot bla	
		(£:11)	THE DITION, HELIE SHE, GLAVEH, AND CODDIE		0.0	Hand cleared to 5 feet bls.	
	444					Comple CD 0 (0 0) - II	
	000					Sample SB-8 (0-2) collected for VOCs, SVOCs, PCBs,	
	444					Pesticides and TAL Metals.	
				G			
	444						
	000						
	444		ce fine gravel and debris (glass) (fill);				
5	000						_5
	A A A	<ul> <li>Dark brown, MIXED FILL, some B</li> </ul>	rick, Asphalt, Glass, fine Gravel, and fine		ĺ	2.5 feet of recovery.	
	000	to medium Sand, little Silt, trace c	obble (fill); moist.				
	444						
	444						
	000						
	444				0.0		
	D D D						
10	4.4.4						1
	000					2 feet of recovery.	
	444						
	000						
	4.4.4				0.0		• • •
	7 7 7						
		Brown, fine to coarse SAND, little	Silt and fine Gravel; wet.	- 1			
15	000000000000000000000000000000000000000					A feet of recovery	_1
	000000000000000000000000000000000000000					4 feet of recovery.	
	0,00000						
	6.0000000000000000000000000000000000000	Š					
	, , , , , , , , , , , , , , , , , , ,	Š					
	, , , , , , , , , , , , , , , , , , ,						
	0,0,0,0,0	Š				Sample SB-8 (18-20)	
		Brown, fine to medium SAND and	SILT; wet.	_	0.0	collected for VOCs, SVOCs, PCBs, Pesticides and TAL	
		<u>:</u>				Metals.	
		·					
00		<u> </u>				End of soil boring at 20 feet	_
20	<u> </u>	· L			<b>!</b>	bls.	20



WELL NO.	_	NORTHING	EASTING				
SB- PROJECT NO./I		Not Measured	Not Measured LOCATION				
2984.0001Y	/ Sendero Ve	erde Redevelopment Project		Park Δve · I	Fact 111	St. and Fast 112 St	
APPROVED BY	•	LOGGED BY	Manhattan, New York	· u		on and Last 112 on	
N. Clarke DRILLING CON	TRACTOR/DRILL	V. Sabatasso ER	GEOGRAPHIC AREA				
Trinity Envi	ronmental / J		Manhattan, Block 1617, Lot				
DRILL BIT DIAM		BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING N 2" Macro	METHOD -Core	START-FINISH DATE	
<b>2-in. / Drive</b> LAND SURFACI		<b>2-inches</b> DEPTH TO WATER	7720DT / Geoprobe	_ maoro	00.0	5/1/18-5/3/18	
Not Measur	ed	Not Measured	Clean cuttings				
Depth,	Graphic	Visual D	escription	Blow Counts	PID Values	REMARKS	
feet	Log		e Silt and Brick, little Wood, trace metal	per 6"	(ppm)	Hand cleared to 5 feet bls.	_
		(fill); moist.	e ont and brick, little Wood, trace metal		0.0	natio cleared to 5 leet bis.	
	444					Sample S9-3 (0-2) collected	
						for VOCs, SVOCs, PCBs,	
						Pesticides and TAL Metals.	
					Э		
	7 7 7						
	444						
	0.00	-					
5							
-	444	Light brown, MIXED FILL, some Bri medium Sand (fill); dry.	ck, Asphalt, broken Concrete, and fine to	0		3 feet of recovery.	
		medium Sand (IIII), dry.					
		1					
	444						
					1		
	444						
	A A A	Crushed BOULDER.			0.0		
	1 1 1				0.0		
	444	Light brown, fine to medium SAND	and COBBLE (fill): moist.				
			333312 (iii), moiot.				
0			/ood, fine Gravel, and fine to medium			4 E foot of roccuery	
		O (611)	TOOG, THE GLAVER, AND THE LO HEURIN			4.5 feet of recovery.	
	444						
	A A A			_			
		Brown, fine to medium SAND, some	e Silt, trace cobble; moist.		7		
					0.0		
		-					
•							
5							
<u>~</u>		Brown, fine to coarse SAND, little S	ilt, trace gravel; wet.	-		4.5 feet of recovery.	
	0,0,0,0,0,0					Sample SB-9 (14.5-16.5)	
	0,000,000					collected for VOCs, SVOCs,	,
	0,000,000				1	PCBs, Pesticides and TAL Metals.	
	0.0000000000000000000000000000000000000						
	0.0000000000000000000000000000000000000						
	0.0000000000000000000000000000000000000				0.0		
	000000000000000000000000000000000000000						
	000000000000000000000000000000000000000					End of poil having at 20 fact	
	10 0 0 0 0 0	1				End of soil boring at 20 feet	