APPENDIX C

Boring logs

						TEST BORING LOG	'\-' \	ORT OF B	ONING	
OBRIEN & GERE ENGINEERS INC. Client: GTE Operations Support Incorporated Former Sylvania Electric Products				ويتناوي والمراجزة والمراجزة والمراجزة والمراجزة	ACCORDING TO STREET, S		<u></u>	BK-00	01	
	Form Incom	ner Sylv	ania Ele d Facilit	ectric Prod		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o	:		
No	.: 58	16.009	-			Fall: NA	End Date			
				mental Pro	bing inve	stigations, Inc.	Screen		Grout	_
Drill Ri	g: Ge	lartin Pe coprobe iist: Ch		ane Dual S Deli	ampling	System)	Riser Steel	77	Sand Pack Bentonite	
Depth Below		Depth	Blows	Penetr/	"N"	Sample Description	Stratum Change General	Sample	Field Testing PID	
Grade 0	No.	(in.)	/6"	Recovery	Value	D. L. II. LOVE AND L. CHE	Descript		(ppm)	_
	1	0-48	-	48/37	-	Dark yellowish brown 10 YR 4/2, damp, SILT, some fine sand, little organic matter to approximately 10"		0-3 ° 3-24 °	0.0	
						10-37" Pale yellowish brown 10YR 6/2 to dark yellowish orange 10 YR 6/6, damp, coarse SAND and		24-37"	0.0	
	8 3 48-96 - 48/40 -					fine GRAVEL (subrounded to angular), some medium to coarse sand, little medium to coarse gravel				
48	3	48-96		48/40	-	Dark yellowish orange 10 YR 6/6, damp, coarse . SAND and fine GRAVEL (subrounded to angular), little medium to coarse gravel, trace medium to		48-68 " 68-88 "	0.0	
						coarse sand				
AE41										
								•		
				•		·	,			
								•		
. TI	ne soil b	onng was	backfilled	with soil cutting	ngs and bent	onite chips.				_

div82/projects/5816.009/4_notes/bk-1

TEST BORING LOG REPORT OF BORING OVERIEN & GERELENGINEERS INC. BK-002 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: Hammer: **Incorporated Facility** Loc: Hicksville, NY Start Date: 7/12/99 Fall: NA No.: 5816.009 End Date: 7/12/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ Grout Sand Pack Foreman: Martin Pepper Riser Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7/ **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** Depth Blows "N" Below-Penetr/ Sample Description Sample PID General No. /6" Recovery Grade (in.) Value Descript Interval (ppm) 0-48" 48/40 0 0-11" Dark yellowish brown 10YR 4/2, damp, SILT, 0-3" 1 0.0 --3-24" some fine sand, little organic matter, trace fine 0.0 gravel (angular) 24-40° 0.0 11-40" Pale yellowish brown 10YR 6/2 to pale yellowish orange 10 YR 8/6, damp, coarse SAND and fine GRAVEL (subrounded to angular), some medium to coarse gravel, little fine to medium sand 48 48-96 48/48 Pale yellowish brown 10 YR 6/2 to dark yellowish 48-84* 0.0 orange 10 YR 6/6, damp, coarse to fine SAND, some 84-96" 0.0 fine to coarse gravel (subrounded to angular), trace silt

The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG REPORT OF BORING OBRIEN & GEREENGINEERS INC SB-001 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: Incorporated Facility Hammer: '. Loc: Hicksville, NY Start Date: 7/7/99 Fall: NA No.: 5816.009 End Date: 7/7/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ Grout Foreman: Paul Barkalow Sand Pack Riser Drill Rig: Geoprobe (Hurricane Dual Sampling System) **Bentonite** Steel 7/ OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testing "N" Depth Blows Below Penetr/ Sample Description General Sample PID /6" Grade No. (in.) Recovery Value Descript Interval (ppm) 12/12 0 - 3" Asphalt, 3 - 12" GRAVEL 0 0-12 12 2 12-24 12/12 Dark yellowish brown 10YR 4/2, damp, medium to 0 - 24" 0.0 coarse SAND, some fine gravel (subrounded to subangular) little fine sand 24/24 24 3 24-48 Moderate brown 5YR 3/4, damp, fine to coarse SAND, 24 - 48" 0.0 some fine gravel (subrounded to angular) 24/24 48 4 48-72 Moderate brown 5YR 4/4, damp, fine to medium 48 - 72" 0.0 _ SAND, some coarse sand, little fine to coarse gravel (subrounded to angular) 24/24 72 5 72-96 Moderate brown 5YR 4/4, damp, fine to medium 72 - 96" 0.0 SAND, some coarse sand, little fine to coarse gravel (subrounded to angular)

TEST BORING LOG REPORT OF BORING CHERIENTS GERETENGINEERS INC SB-002 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of Former Sylvania Electric Products 2-inch acetate core Sampler: Location: **Incorporated Facility** Hammer: Loc: Hicksville, NY Start Date: 7/7/99 No.: 5816.009 Fall: NA End Date: 7/7/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testing Below Depth Blows Penetr/ "N" Sample Description General Sample PID Grade No. (in.) /6" Recovery Value Descript Interval (ppm) 0-24 0 24/24 Asphalt 0-6* Dark yellowish orange 10 YR 6/6 to grayish brown 0 - 24" 0.0 5YR 3/2, damp, coarse to medium SAND, some fine to medium gravel (angular to subrounded), little fine sand, (apparent concrete structure (foundation) 18-24" below grade) 24 2 24-48 24/24 Moderate yellowish brown 10YR 5/4 to dark 24 - 48" 0.0 yellowish brown 10YR 4/2, damp, fine to medium SAND, some coarse sand, little fine gravel (subangular to subrounded) 48 48-72 24/24 Dark yellowish orange 10YR 6/6, damp fine to 48 - 72" 0.0 coarse SAND, little fine gravel (subangular) 72 4 72-96 24/24 Moderate yellowish brown 10YR 5/4 to grayish brown 72 - 96" 0.0 5YR 3/2, damp fine to medium SAND, some coarse sand, little fine to medium gravel (subrounded to subangular)

The soil bonng was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG REPORT OF BORING INTERNET GERELENGINEERS INC SB-003 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 2-inch acetate core Former Sylvania Electric Products Sampler: Location: Hammer: Incorporated Facility j. Loc: Hicksville, NY Start Date: 7/7/99 ₃ No.: 5816.009 Fall: NA End Date: 7/7/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7/ Bentonite OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testing "N" Depth Blows Penetr/ Sample Description Below General Sample PID Recovery Grade No. /6" Value (in.) Descript Interval (ppm) 0-6 6/6 0 0 - 3"Asphalt, 3 - 6" GRAVEL 18/18 6 2 6-24 Brownish black 5YR 2/1, damp, fine to coarse SAND, 0 - 24" 0.0 some silt, little fine to medium gravel (subrounded to angular), (silt/organic seam at about 18-22") 24/24 24 3 24-48 Moderate yellowish brown 10YR 5/4, damp, fine to 24 - 48" 0.0 medium SAND, some coarse sand, little fine to medium gravel (subrounded to subangular) trace silt 48 48-72 24/24 Moderate brown 5YR 4/4, damp, medium to fine 48 - 72" 0.0 SAND, some coarse sand, little fine to coarse gravel (subrounded to subangular) 72 5 72-96 24/24 Moderate brown 5YR 4/4, damp, fine to medium 72 - 96* 0.0 SAND, some coarse sand, little fine to coarse gravel (subrounded to subangular)

					produced to the parties of the same	TEST BORING LOG	REPO	RT OF E	BORING
				NEERS				SB-C	004A
	Form	ner Sylv rporate	/ania Ele d Facilit	ipport Incoi ectric Prodi ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 c Location:		
No	.: 58	licksvill 16.009				Fall: NA	Start Date	: 7/7/99	
Boring	Com	pany: E	Environ:	mental Pro	bing inves	stigations, Inc.	Screen		Grout
		aul Bari		cane Dual S	ampling (System)	Riser		Sand Pack
			awn O'		amping .	system)	Steel	<i>''</i>	Bentonite
		1					Stratum		Field
Depth				•			Change		Testing
Below			Blows		"N"	Sample Description	General	Sample	
Grade 0	No.	(in.)	/6"	Recovery			Descript	Interval	
U	1	0-2		15/15	<u> </u>	0 - 2" Asphalt		0 - 2	0.6
2	NA	2-3	 _ 	NA .	-	2 - 3" Asphalt		2 - 3*	0.7
								2-3	",
3	NA	3-4	-	NA	-	3 - 4" Asphalt		3-4"	04
4	NA	4-5	-	NA NA		4 - 5" Brownish black 5YR 2/1, damp, fine SAND, some		4 - 5"	0.1
					<u> </u>	medium to coarse sand, little fine to coarse gravel (angular)			
						gravei (angular)			
5	NA	5-6	-	NA NA	-	5 - 6" Brownish black 5YR 2/1, damp, medium to fine		5-6"	0.0
						SAND, some coarse sand, little fine to medium			
						gravel (subangular to angular)			
6	NA	6-15	-	NA	-	6 - 15" Dark yellowish brown 10YR 4/2, damp, fine to		6 - 15"	0.0
					-	coarse SAND, little fine to medium gravel (sub- angular to angular)			i
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: Th	e soil b	onng was	backfilled	with soil cutting	ngs and bent	onite chips.			

						TEST	BORING LOG	REPO	RT OF B	ORING	-
				NEERS					SB-0	04B	
Le	Form Incomoc: H	ner Sylv	rania Ele d Facilit	pport Incoi ectric Prodi ty		Drill Method: Sampler: Hammer: Fall:	Geoprobe 2-inch acetate core NA	Page 1 o Location: Start Date End Date:	e: 7/7/99		
Boring Forema Drill Ri	Compan: Pag: Ge	pany: I aul Bar oprobe	kalow	ane Dual S		stigations, Inc.	NA	Screen Riser Steel	= \	Bentonite	
Depth Below Grade	elow Depth Blows Penetr/ "N"						nple Description	Stratum Change General Descript			j
				•		brown 5YR 3/2, dan to medium gravel (si 6 - 15" Moderate yel	llowish brown 10YR 5/4, damp, fine ome coarse sand, little fine to	Descript	0 - 6" 6 - 15"	0.0 0.0	
Th	e soil b	onng was	backfilled	d with soil cutti	ngs and bent	tonite chips.					
		-									

div82/projects/5816.009/4_notes/sb-04b

				INEERS:		1		SB-00)4C	
Client:	Form	ner Sylv	rania Ele	pport Incor ectric Prod	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core	Page 1 d Location			
	oc: H	rporate licksvill 16.009	d Facili e, NY	ıy		Hammer: NA Fall: NA	Start Date			
Boring	Com	pany: I		mental Pro	bing Inves	stigations, Inc.	Screen	= 1	Grout	
Forema							Riser		Sand P	
			e (Hurric lawn O'	cane Dual S Dell	ampling s	System)	Steel	<i>II</i>	Benton	iite
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testi PID (ppm)	
0	1	0-15		15/15	-	0-3" Asphalt		0 - 6"	0.0	
						Grayish brown 5YR 3/2, damp, fine SAND, some medium to coarse sand, little fine to coarse sand				
			<u> </u>			6 - 15" Moderate brown 5YR 4/4, damp, fine to coarse		6 - 15"	0.0	
						SAND, some fine gravel, little medium to coarse gravel (subrounded to angular)		0- 15	0.0	
					-	gravei (subrounded to angular)				
	-					·				
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s: Th	e soil t	onng was	backfille	with soil cutting	ngs and bent	onite chips.			1.	

TEST BORING LOG

REPORT OF BORING

div82/projects/5816.009/4_notes/sb-04c

TEST BORING LOG REPORT OF BORING SB-005 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: Loc: Hicksville, NY **Start Date: 7/7/99** Fall: No.: 5816.009 NA End Date: 7/7/99 Boring Company: Environmental Probing Investigations, Inc. \ | Grout Screen = Foreman: Paul Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testina Depth Blows "N" Penetr/ Sample Description PID Below General Sample /6" Recovery Grade No. (in.) Value Descript Interval (ppm) 48/48 0-48 0-3" Asphalt 0 _ 3-4" Fine to coarse gravel (angular) 4 - 18" Grayish brown 5YR 3/2 to dusky brown 5YR 2/2. 0 - 18" 0.0 damp SILT, some fine to coarse sand, little fine to medium gravel (subangular) 18 - 24" Moderate yellowish brown 10YR 5/4, damp 18 - 24" 0.0 SILT 'and fine SAND, little organic matter 24 - 48" Moderate vellowish brown 10YR 5/4, damp. 24 - 48" 0.0 fine to medium SAND, some fine sand, little fine to medium gravel (subrounded to subangular) 48 48 - 96 48/48 48 - 72" Moderate yellowish brown 10YR 5/4 damp, 48 - 72" 0.0 fine to coarse SAND, some fine to medium gravel (subangular) 72 - 96" Moderate vellowish brown 10YR 5/4, damp. 72 - 96" 0.0 fine to coarse SAND, some fine to medium gravel, little coarse gravel (subangular) 48/48 96 3 96-144 96 - 120" Moderate brown 5YR 4/4, damp, coarse to 96 - 120" 0.0 fine SAND, some fine to coarse gravel (subangular) 120 - 144" Moderate brown 5YR 3/4, damp, coarse 120 - 144" 0.0 SAND, some fine to coarse gravel (subangular), little medium to fine sand 144 144-192 48/48 144 -168" Moderate brown 5YR 4/4, damp, fine to 144 - 168* 0.0 coarse SAND, some fine to medium gravel, little coarse gravel (subangular) 168 - 192" Moderate brown 5YR 4/4, damp, medium to 168 - 192" 0.0 fine SAND some coarse sand to fine gravel, little medium to coarse gravel (subangular)

[:] The soil bonng was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG REPORT OF BORING OBRIEN & GEREIEN GINEERS INC. **SB-006** Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of Former Sylvania Electric Products Sampler: 2-inch acetate core Location: Incorporated Facility Hammer: Loc: Hicksville, NY Start Date: 7/8/99 No.: 5816.009 Fail: NA End Date: 7/8/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7/ Bentonite OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testing "N" Depth Blows Below Penetr/ Sample Description General Sample PID Recovery Grade No. /6" (in.) Value Descript Interval (mag) 0-48 48/46 O 0-4" Asphalt 4-6" Coarse gravel (angular) Grayish brown 5YR 3/2, damp, fine to coarse SAND, 0 - 24" 3.0 some fine to coarse gravel (subangular) 24-32" Dusky brown 5YR 2/2, damp, SILT and fine 24 - 48" 0.1 SAND, little coarse sand 32-48" Moderate yellowish brown 10YR 5/4, fine to medium SAND, some coarse sand, little fine to medium gravel (subangular) 48 2 48-96 48/48 48 - 72" Dark yellowish orange 10YR 6/6 to very pale 48 - 72" 0.0 orange 10YR 8/2, damp, medium to coarse SAND, some fine to coarse gravel (subangular), little fine sand 72 - 96" Moderate yellowish brown 10YR 4/2, damp. 72 - 96" 0.1 fine to coarse SAND, some fine to medium gravel, little coarse (subangular) 96 3 96-144 48/36 96 - 108" Moderate yellowish brown 10YR 5/4, damp, 96 - 108" 0.6 fine to medium SAND, some coarse sand, little fine to medium gravel (angular) 108 - 136" Moderate yellowish brown 10YR 5/4 to dark 108 - 136" 0.2 yellowish brown 10YR 4/2, damp, coarse to fine SAND, some fine to coarse gravel (subrounded to (angular) broken cobble

TEST BORING LOG REPORT OF BORING ्राप्ताः सम्बद्धाः व्यवस्था । स्थान **SB-007** Client: GTE Operations Support Incorporated | Drill Method: Geoprobe Page 1 of Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: . Loc: Hicksville, NY Start Date: 7/8/99 No.: 5816.009 Fall: NA End Date: 7/8/99 Boring Company: Environmental Probing Investigations, Inc. Screen = Grout Foreman: Paul Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** "N" Below Depth Blows Penetr/ Sample Description General Sampl PID Recovery Grade No. (in.) /6" Value Descript Interval (ppm) Ô 0-48 48/46 1 0-3" Asphalt 3-5" Angular coarse gravel 5 - 24" Grayish brown 5YR 3/2 to dark yellowish brown 0 - 24" 0.0 10YR 4/2, damp, fine to coarse SAND, some fine to coarse gravel (subangular to angular), trace orange brick fragments 24 - 48" Dark yellowish brown 10YR 4/2, coarse to fine 24 - 48" 0.0 SAND, some fine to coarse gravel (subangular to angular) 48 2 48-96 48/48 48 - 72" Moderate yellowish brown 10YR 5/4 to dark 48 - 72" 0.0 yellowish brown 10YR 4/2, damp, fine to medium SAND, some fine to coarse gravel (subangular), little coarse sand 72 - 96" Moderate yellowish brown 10YR 5/4, damp, 72 - 96" 0.0 fine to medium SAND, some coarse sand, little fine to medium gravel (subangular) 96 3 96-144 48/42 96 - 120" Moderate yellowish brown 10YR 5/4, damp, 96 - 120" 0.1 fine to medium SAND, some coarse sand, little fine to coarse gravel (subangular) 120 - 144" Pale yellowish brown 10YR 6/2, damp, 120 - 144" 0.2 coarse SAND and fine GRAVEL (angular), some medium to coarse gravel (angular), little medium to fine sand 144 144-180 36/36 144 - 156" Dark yellowish orange 10YR 6/6, damp, fine 144 - 156" 0.1 to coarse SAND, some fine to medium gravel (angular) 156 - 180" Moderate yellowish brown 10YR 5/4, damp, 156 - 180" 0.1 coarse to fine SAND, some fine to coarse gravel (subrounded to angular)

[:] The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG REPORT OF BORING ល់ខាងខេត្តស្រីស្មីខាងនិងដែលម៉ែត្រែងនិងស្វែក SB-008 Client: GTE Operations Support Incorporated Drill Method: Page 1 of 1 Geoprobe Former Sylvania Electric Products Sampler: 2-inch acetate core Location: Incorporated Facility Hammer: i. Loc: Hicksville, NY Start Date: 7/8/99 No.: 5816.009 Fall: NA End Date: 7/8/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** Depth Blows "N" Below Penetr/ Sample Description General Sample PID Grade No. (in.) /6" Recovery Value Descript Interval (magg) n 0-48 48/30 0-3" Asphalt 0 - 24 0.1 3-4" Gravel, coarse (angular) Dusky brown 5YR 2/2, damp, fine to coarse SAND, some fine to coarse gravel (angular) 24 - 48" Moderate brown 5YR 4/4, damp, coarse to fine 24 - 48" 0.3 SAND, some fine to medium gravel (subrounded to angular) 48 2 48-84 36/34 48 - 84" Light brown 5YR 5/6, damp, fine to medium SA 48 - 84" 0.1 little fine to medium gravel (subrounded to subangular) 48/40 84 3 84-132 84-90" Light brown 5YR 5/6, damp, fine to medium 84 - 132" 0.1 SAND, 90 - 132" moderate brown 5YR 3/4, damp, then SILT and fine SAND, trace clay, trace fine gravel (subangular) bottom 6 inches ,132 4 132-150 36/36 132 - 150" Dark yellowish brown 10YR 4/2, damp to 132 - 150" 0.2 wet, SILT and fine SAND, little medium to coarse sand, trace, fine gravel (subangular) 150 - 168" Moderate yellowish brown 10YR 5/4, damp, 150 - 168" 0.0 medium to coarse SAND, some fine to medium gravel (subangular), little fine sand 168 5 168-192 24/24 Dark yellowish orange 10YR 6/6, damp, coarse SAND 168 - 192° 0.0 and fine GRAVEL (subangular), some medium to fine sand, little medium to coarse gravel (angular)

TEST BORING LOG REPORT OF BORING OBRIEN & GEREENGINEERSEING & **SB-009** Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: Loc: Hicksville, NY **Start Date: 7/8/99** Fall: No.: 5816.009 NA End Date: 7/8/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 77 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testina Depth Blows "N" Below Penetr/ Sample Description General Sample PID Grade No. (in.) /6" Recovery Value Descript Interval (ppm) 0-48 48/36 0 1 0-6" Asphalt _ 0.0 6-10" Gravel, coarse (angular) and brick fragments 0 - 24" 10-24" Brownish gray 5YR 4/1, damp, SILT and fine SAND, little fine to medium gravel (angular) 24 - 48" Dark yellowish orange 10YR 6/6, damp, SILT 24 - 48° 0.0 and fine SAND, little fine to medium gravel (subrounded to angular) 48 48 - 96 48/42 2 48 -72" Pale yellowish brown 10YR 6/2, damp, coarse to 48 - 72" 0.0 fine SAND, some fine to medium gravel (angular), little coarse gravel 72 - 90 " Moderate yellowish brown 10YR 5/4, to dark 72 - 90" 0.0 yellowish brown 10YR 4/2, damp to wet, SILT and fine SAND, some fine to medium gravel (angular), little medium to coarse gravel

The soil bonng was backfilled with soil cuttings and bentonite chips.

(이브리트) 조 (GER트크이어NEERS, INC Client: GTE Operations Support Incorporated					ำกัด ว่ากัด	TES'	T BORING LOG	REPO	ORT OF E	
Client:	GTE Forn Inco	Opera ner Sylv rporate	iions St /ania El d Facili	pport Inco ectric Prod	rporated	Drill Method: Sampler: Hammer:	Geoprobe 2-inch acetate core NA	Page 1 Location	of 1	, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
No	.: 58	licksvill 16.009	-	montal Dro	hing Invo	Fall: stigations, Inc.	NA	Start Date	e: 7/8/99	
Forem Drill Ri	an: P g: G	aul Bar	kalow	cane Dual S	_			Screen Riser Steel		Grout Sand Pack Bentonite
Depth Below Grade	No.		Biows /6"		"N" Value	San	nple Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48	=	48/40		0-6" Asphalt	•.	Descript	0 - 24"	0.0
						5YR 3/2, damp, fine	vn 10YR 4/2 to grayish brown SAND, some silt, little medium fine gravel (angular)			
			·				ellowish brown 10YR 5/4, damp, fine ome coarse sand to fine	•	24 - 48"	0.0
48	48 2 48-96 48/48					Moderate yellowish to medium SAND, so gravel (angular), littl			48 - 72"	0.0
							m 10YR 4/2, damp, coarse to fine coarse gravel (angular), little		72 - 96"	0.0
-										
				•						
		•				·				
$\overline{\Box}$:	
· , Th	e soil b	oring was	backfilled	with soil cutting	igs and bent	onite chips.		div82/projec	ts/5816.009/4	_notes/sb-09b

្រាមស្លានស្រ្តីក្រុង នៅក្នុង មានស្រុក ស្រុក ស SB-009C Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: NA '. Loc: Hicksville, NY Start Date: 7/9/99 No.: 5816.009 Fall: NA End Date: 7/9/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 Bentonite OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testing Depth Blows "N" Below Penetr/ Sample Description **General** Sample PID Grade No. /6" (in.) Recovery Value Descript Interval (ppm) 0-48 48/40 0 22 0-6" Asphalt 6-12" Fine to coarse GRAVEL (angular) 12 - 24" Dusky brown 5YR 2/2, damp, SILT and fine 0 - 24" 0.0 SAND, little organics 24 - 36" Moderate yellowish brown 10YR 5/4, damp, 24 - 36" 0.0 SILT and fine SAND, some medium to coarse sand, little fine to medium gravel (subangular) 36 - 40" Dark yellowish orange 10YR 5/4, damp, coarse 36 - 40" 0.0 SAND to medium gravel (subrounded to angular), little fine to medium sand 48 48-72 24/24 2 48-72" Pale yellowish brown 10YR 6/2 to moderate yello 48 - 72" 0.0 brown 10YR 5/4, damp, fine to medium SAND, some coarse sand to fine gravel (subrounded to angular), little coarse gravel : The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING

div82/projects/5816.009/4_notes/sb-09c

TEST BORING LOG REPORT OF BORING अंगः अत्रहाराष्ट्रीय स्थान होते हैं। **SB-009D** Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: i. Loc: Hicksville, NY Start Date: 7/9/99 No.: 5816.009 Fall: NA End Date: 7/9/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** Below Depth Blows "N" Penetr/ Sample Description General Sample PID Grade No. (in.) /6" Recovery Value Descript Interval (ppm) 0 0-48 48/44 0-4" Asphalt 0 - 24" 0.0 4-6" GRAVEL 6 - 24" Dark yellowish orange 10YR 6/6, damp, SILT, some fine sand, little organic matter 24 - 48" Pale yellowish brown 10YR 6/2, damp, fine to 24 - 48" 0.0 medium SAND, some coarse sand to fine gravel (subrounded to angular), little silt, trace medium to coarse 48 2 48-72 24/24 48 -72" Pale yellowish brown 10YR 6/3, damp, fine to 48 - 72" 0.0 coarse SAND, some fine to coarse gravel (subangular to angular) : The soil bonng was backfilled with soil cuttings and bentonite chips.

5						TEST BORING LOG	REPO	RT OF E	ORING	;
				NEERS				SB-0	09E	1
, L	Forn Inco oc: F	ner Sylv rporate licksvill	vania El d Facili	ipport Inco ectric Prod ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 c Location: Start Date			
		16.009				Fall: NA	End Date	: 7/9/99		l
Forema Drill Ri	an: P g: Ge	aul Bar	kalow	cane Dual S	_	stigations, Inc. System)	Screen Riser Steel		Grout Sand P Benton	ite
Depth Below Grade	No.	(in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testi PID (ppm)	
0	1	0-48	-	48/40	-	0-4" Asphalt		0 - 12"	0.0	
						4-6" Coarse to fine, angular GRAVEL 6-18" Brownish black 5YR 2/1, damp, SILT, some fine sand, little medium to coarse sand				
						12 - 22" Pale brown 5YR 5/2, damp, SILT and fine SAND, little organic matter		12 - 24"	0.0	
		•				24 - 34" Pale brown 5YR 5/2, damp, SILT and fine SAND, little organic matter		24 - 36"	0.0	
	48 2 48-72 - 24/14 -					34 - 40"-Pale yellowish brown 10YR 6/2, fine to medium SAND, some coarse sand to medium gravel (subrounded to angular)		36 - 48"	0.0	
48	48 2 48-72 - 24/14 -					48 -62" Pale yellowish brown 10YR 6/2, damp, fine SAND, some medium to coarse sand, little fine to		48 - 62*	0.0	
The	e soil be	onng was	backfilied	with soil cuttin	gs and bento	coarse gravel (subrounded to angular)		•		
The	soil be	onng was	backfilled	with soil cuttin	gs and bento	onite chips.				_

TEST BORING LOG REPORT OF BORING OBRENE GEREIENG NEEKSING SB-010 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: j. Loc: Hicksville, NY Start Date: 7/8/99 ∍ No.: 5816.009 Fall: NA End Date: 7/8/99 Boring Company: Environmental Probing Investigations, Inc. Screen = Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 Bentonite OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testina "N" Below Depth Blows Penetr/ Sample Description General Sample PID Grade No. /6" Recovery (in.) Value Descript Interval (ppm) 0 1 0-48 48/44 0-5" Asphalt 0 - 24* 0.0 Dark yellowish brown 10YR 4/2 to brownish gray 5YR 4/1, damp, coarse to fine SAND, some fine to coarse gravel (angular) 24 - 48" Pale yellowish brown 10YR 6/2, damp, medium 24 - 44" 0.1 to coarse SAND, some fine to coarse gravel (subrounded to angular) 48 48-96 48/48 _ 48 - 72" Pale yellowish brown 10YR 6/2, damp, medium 48 - 72" 0.2 to coarse SAND, some fine to medium gravel (subrounded to angular), little fine sand 72 - 96" Light brown 5YR 5/6, damp, fine to coarse 72 - 96" 0.1 SAND, some fine to medium gravel (subangular), little coarse gravel 96-120 24/24 96 - 120" Pale yellowish brown 10 YR 6/2 to brownish 96 - 120° 0.1 gray 5YR 4/1, damp, coarse to fine SAND, some fine to coarse gravel (subangular to angular), little silt s: The soil bonng was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG REPORT OF BORING FIRENCE CERETENGINEERS INC. SB-010 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: '. Loc: Hicksville, NY Start Date: 7/8/99 No.: 5816.009 Fall: NA End Date: 7/8/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7/ **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testing Below Depth Blows Penetr/ "N" Sample Description General Sample PID Grade No. /6" Recovery (in.) Value Descript Interval (ppm) 0 0-48 48/44 0-5" Asphalt 0 - 24" 0.0 Dark yellowish brown 10YR 4/2 to brownish gray 5YR 4/1, damp, coarse to fine SAND, some fine to coarse gravel (angular) 24 - 48" Pale yellowish brown 10YR 6/2, damp, medium 24 - 44" 0.1 to coarse SAND, some fine to coarse gravel (subrounded to angular) 2 48 48-96 48/48 48 - 72" Pale yellowish brown 10YR 6/2, damp, medium 48 - 72" 0.2 to coarse SAND, some fine to medium gravel (subrounded to angular), little fine sand 72 - 96" Light brown 5YR 5/6, damp, fine to coarse 72 - 96" 0.1 SAND, some fine to medium gravel (subangular), little coarse gravel _96 96-120 24/24 96 - 120" Pale yellowish brown 10 YR 6/2 to brownish 96 - 120" 0.1 gray 5YR 4/1, damp, coarse to fine SAND, some fine to coarse gravel (subangular to angular), little silt

TEST BORING LOG REPORT OF BORING <u>ಅವರ್ಷಕ್ರಿಗಳಿಕೆ ವಿಶ್ವಸ್ಥೆಗಳು ಬಿಡಿಕಿಕೆ ಬಿಡಿಕಿಕೆ ಬಿಡಿಕಿಕೆ ಬಿಡಿಕಿಕೆ ಬಿಡಿಕಿಕೆ ಬಿಡಿಕಿಕೆ ಬಿಡಿಕಿಕೆ ಬಿಡಿಕಿಕೆ ಬಿಡಿಕಿಕೆ</u> **SB-011** Client: GIE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: Incorporated Facility Hammer: NA Loc: Hicksville, NY Start Date: 7/8/99 No.: 5816.009 Fall: NA End Date: 7/8/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 Bentonite OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** Below-Depth Blows "N" Penetr/ Sample Description General Sample PID Grade No. /6" (in.) Recovery Value Descript interval (ppm) 0 0-48" 1 48/46 0-4" Asphalt 0 - 18" 0.0 4-18" Dark yellowish brown 10YR 4/2 to grayish black N2, damp, fine to coarse SAND, some fine to medium gravel (angular), little silt, trace orange brick fragments 18-24" Moderate yellowish brown 10YR 5/4 to dusky 0.0 18 - 24" yellowish brown 10YR 2/2, damp, SILT and fine SAND. little medium to coarse sand, little fine gravel (subangular) 24 - 46" Dark yellowish orange 10YR 6/6, damp, 24 - 46" 0.0 medium to coarse SAND, some fine to medium gravel (subangular), little fine sand 48 48-96 2 48/48 48 - 72" Dark yellowish orange 10YR 6/6 to light brown 48 - 72" 0.0 5YR 5/6, damp, fine to coarse SAND, some fine to medium gravel (subangular), little coarse gravel 72-92" Dark yellowish orange 10YR 6/6, damp, fine to 72 - 96" 0.0 coarse SAND, some fine to coarse gravel (subangular), 92-96" Dark yellowish brown 10YR 4/2, fine SAND. some silt, little medium to coarse sand, trace fine gravel (angular) · The soil bonng was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG REPORT OF BORING ्वशाः अत्ववनात्राचेशवास्त्रकार्थः । श्रवाद्याया SB-012 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products 2-inch acetate core Sampler: Location: Incorporated Facility Hammer: NA j. Loc: Hicksville, NY Start Date: 7/9/99 No.: 5816.009 Fall: NA End Date: 7/9/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7/ **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Tésting** Below Depth Blows Penetr/ "N" Sample Description General Sample PID Grade No. /6" Recovery (in.) Value Descript Interval (ppm) 0-48 48/22 0-6" Asphalt 0 - 22" 0.0 6-10" Fine to coarse GRAVEL (angular) 10-22" Moderate yellowish brown 10YR 5/4 to dark yellowish brown 10YR 4/2, fine SAND and SILT, some medium to coarse sand, little fine to medium gravel (subangular to angular) 48 2 48-96 48/48 48 - 72" Light brown 5YR 5/6, damp, coarse SAND, som 48 - 72" 0.0 medium to fine sand, little fine to coarse gravel (subrounded to angular), trace silt 72 - 96" Pale yellowish brown 10YR 6/2, damp, fine 72 - 96" 0.1 SAND, little fine gravel (subangular), trace medium to coarse sand 96 96-144 48/48 96 - 120" Light brown 5YR 5/6, damp, fine to coarse 96 - 120" 0.2 SAND, some fine gravel (subangular), little medium gravel 120-130" Pale brown 5YR 5/2, damp, SILT, some 120 - 144" 0.6 fine sand, little fine gravel (subangular) 130-144" Dark yellowish brown 10YR 4/2, to pale yellowish brown 10YR 6/2, coarse to fine SAND. some fine to coarse gravel (subangular to angular) 144 144-180 36/36 144-188" Moderate yellowish brown 10YR 5/4, damp, fi 144 - 180" 0.0 coarse SAND, some fine to coarse gravel (subrounded to angular) 3: The soil bonng was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG REPORT OF BORING OBRIENS GEREENGINEERS ING SB-013 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: i. Loc: Hicksville, NY **Start Date: 7/9/99** No.: 5816.009 Fall: NA End Date: 7/9/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** Depth Blows "N" Below Penetr/ Sample Description General Sample PID Grade Recovery No. (in.) /6" Value Descript Interval (ppm) 0 0-48 48/42 1 Grayish brown 5YR 3/2 to dark yellowish brown 0 - 24" 2.6 10YR 4/2, damp, SILT, some fine sand, some fine to coarse gravel (subrounded to subangular) 24-36" Dark yellowish orange 10YR 6/6, damp, fine 24 - 48" 0.3 SAND and SILT, little organic matter (roots) 36-48" Fine to coarse SAND, some fine to medium gravel (subangular to angular) 48 48-96 48/44 2 48-72" Pale yellowish brown 10YR 6/2, damp, coarse 48 - 72" 0.1 to fine SAND, some coarse to fine gravel (subrounded to angular) 72-92" Moderate yellowish brown 10YR 5/4, damp, 72 - 92" 0.1 coarse to fine SAND, some fine to coarse gravel (subrounded to angular) ..96 96-144 48/44 96-120" Grayish brown 5YR 3/2, damp, fine to coarse 96 - 120" 0.2 SAND and GRAVEL (subrounded to angular) 120-140" Grayish brown 5YR 3/2 to grayish orange 120 - 140* 0.0 10YR 7/4, damp to wet fine to medium SAND, some coarse sand and gravel (subrounded to angular)

E. 5.					THE PERSON	TEST BORING LOG	REPO	RT OF B	ORING	_
				JINEERO	The second second second			SB-0		
	Fort Inco	ner Sylv rporate	vania El d Facili	ipport Inco lectric Prod ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location	:		_
) No	.: 58	licksvill 16.009	-			Fall: NA	Start Date			
Boring	Com	pany: aul Bar	Environ	mental Pro	bing Inve	stigations, Inc.	Screen	=	Grout	_
Drill Ri OBG G	g: G eolog	eoprobe gist: Cl	e (Hurric awn O'	cane Dual S Dell	Sampling	System)	Riser Steel		Sand Pad Bentonit	
Depth Below Grade	No.	Depth (in.)	Blows	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testin	g
0	1	0-48	-	48/30		0-22" Grayish brown 5YR 3/2, damp, SILT, some fine	Descript	0-30°	(ppm) 0.0	
						sand, little fine to coarse gravel (subrounded to angular), little medium to coarse sand				
						22-30" Dark yellowish brown 10YR 4/2, fine to coarse SAND, some fine to medium gravel (subrounded to angular), little silt				
40	48 2 48-96 48/27									
48					-	Moderate yellowish brown 10YR 5/4 to dark yellowish brown 10YR 4/2, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular), little silt		48-75"	0.0	
96	3	96-132		36/33	-	Moderate yellowish brown 10YR 5/4 to dark yellowish brown 10YR 4/2, damp, coarse to fine SAND, some		96-129*	0.1	
						fine to medium gravel, little coarse gravel (subrounded to angular)				
*35	4	132-180		48/48	-	Dark yellowish brown 10YR 4/2, damp, fine to coarse SAND, some coarse to fine gravel (subrounded to angular)		132-180	0.0	
						Moderate yellowish brown 10YR 5/4 damp to wet, fine to medium SAND, some coarse sand to fine gravel, little medium to coarse gravel (subrounded				
						to angular).				
						•				
				•						
Notes: The	soil b	onng was	packfilled	with soil cuttin	igs and bento	onite chips.				_

TEST BORING LOG REPORT OF BORING Cabalen & Gereleng Neersenge SB-015 Geoprobe Client: GTE Operations Support Incorporated Drill Method: Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: Former UST **Incorporated Facility** Hammer: Loc: Hicksville, NY Start Date: 7/10/99 Fall: No.: 5816.009 NA End Date: 7/10/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Martin Pepper Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** Depth Blows "N" Below Penetr/ Sample Description PID General Sample Grade /6" No. (in.) Recovery Value Descript Interval (ppm) 0 0-48 48/33 0-3" Asphalt (not recovered) 3-12" Grayish brown 5YR 3/2 to dark yellowish orange 3 - 12" 0.6 10YR 6/6, damp, fine to medium SAND, some coarse sand to fine gravel (subrounded to angular), little medium gravel 12-24" Dusky brown 5YR 2/2, damp, SILT and fine 12 - 24" 0.4 SAND, some medium to coarse sand, little fine gravel (subangular) 24-33" Moderate yellowish brown 10YR 5/4, damp, 24 - 33" 0.1 fine to coarse SAND, little fine to medium gravel (subrounded to subangular) 48 2 48-96 48/36 48-60" Moderate yellowish brown 10YR 5/4, damp, 48 - 84" 0.2 fine to medium SAND, some coarse sand, little fine to medium gravel 60-66" Dark yellowish orange 10YR 6/6, damp, SILT and fine SAND, little fine gravel (subangular) 66-84" Pale yellowish orange 10YR 8/6, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to subangular) 96-144 48/24 96 3 96 - 144" Moderate brown 5YR 4/4 and dark yellowish 96 - 120" 0.1 orange 10YR 6/6, damp, coarse to fine SAND, some fine to medium gravel (subrounded to angular), little coarse gravel (subrounded to angular) 144 144-192 48/30 144-174" Moderate yellowish brown 10YR 5/4 to dark ye 144-174 0.2 _ orange 10YR 6/6, fine to medium SAND, some coarse sand, little fine to medium gravel (subrounded to subangular)

OBRIEN CEREENGINEERS IN CO. SB-016 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products 2-inch acetate core Sampler: Location: **Incorporated Facility** Hammer: Loc: Hicksville, NY Start Date: 7/10/99 No.: 5816.009 Fall: NA End Date: 7/10/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Martin Pepper Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7/ **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** Below Depth Blows Penetr/ "N" Sample Description General Sampl PID Grade | No. (in.) /6" Recovery Value Descript Interval (ppm) 0-48 48/42" 0 0-3" Asphalt 3-6" fine to coarse GRAVEL (angular) 0-12" 0.0 6-9" Dark yellowish brown 10YR 4/2, damp, fine SAND and SILT, little fine to medium gravel (angular) 9-42" Light brown 5YR 5/6 to dark yellowish brown 12-30 0.0 10 YR 4/2, damp, medium to coarse SAND, some fine to coarse gravel (subangular), little silt to fine 30-42" 0.0 sand, (@ 27-33" SILT and fine SAND, little medium to coarse sand (27-33") 48-96 48 48/46 2 Light brown 5YR 5/6, damp, fine to coarse SAND. 48-60 0.1 little fine to medium gravel, little coarse gravel 60-72 0.2 (subrounded) 72-94 0.0 3 96-144 48/36 . 96 Grayish orange 10YR 7/4 to dark vellowish orange 96-144" 0.1 10 YR 6/6, damp, fine to medium SAND, some 108-144" 0.0 coarse sand to fine gravel (subangular), little medium to coarse gravel (subangular) 144 144-192 4 48/48 Pale yellowish brown 10 YR 6/2, damp, fine to 144-192" 0.1 medium SAND, some coarse sand to fine gravel (subrounded to angular), little medium to coarse 0.0 gravel (subrounded to angular). 170 - 192" coarse medium SAND, some fine to coarse gravel (subrounded to angular), little fine sand : The soil bonng was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING

div82/projects/5816.009/4 notes/sb-16

Oursien & Gereien Gineers in 6 % in 1 **SB-017A** Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: Incorporated Facility Hammer: Loc: Hicksville, NY Start Date: 7/10/99 No.: 5816.009 Fall: NA End Date: 7/10/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Martin Pepper Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testing Depth Blows Below "N" Penetr/ Sample Description General Sample PID Grade No. (in.) /6" Recovery Value Descript Interval (ppm) 0-48 48/46 0 0-3" Asphalt 0-18" 0.1 3-5" fine to coarse GRAVEL (angular) 5-30" Moderate yellowish brown 10YR 5/4 to dark 18-30" 0.2 yellowish brown 10YR 4/2, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular) 30-36" Grayish brown 5YR 3/2 to grayish black N2. 30-36" 5.2 fine to coarse SAND, little silt, little fine to coarse gravel (angular) 36-46" Grayish orange 10YR 7/4 to dark yellowish 36-46" 0.1 brown 10YR 4/2, damp, fine to coarse SAND, little fine to coarse gravel (subrounded to angular) 48-60 12/12 48 Dark yellowish brown 10YR 4/2, damp, coarse 48-54" 0.0 SAND, some medium to coarse sand, little fine to coarse gravel (subrounded to angular) 54-60" 0.0 The soil bonng was backfilled with soil cuttings and bentonite chips. div82/projects/5816.009/4_notes/sb-17a

TEST BORING LOG

REPORT OF BORING

4.3						TEST BORING LOG	REPO	RT OF B	ORING	_
7 7 7 7 7 7	O'ERIEN & GERE ENGINEERS INC. Client: GTE Operations Support Incorporated							SB-01	17B	
	Forn	ner Sylv rporate	/ania Ele d Facilit	ectric Prod	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:			
No.	.: 58	icksvill 16.009	•			Fall: NA	Start Date	: 7/10/99		
Forema Drill Ri	an: M g: Ge	lartin Pe eoprobe	epper	cane Dual S		tigations, Inc. system)	Screen Riser Steel		Grout Sand Pacl Bentonite	
Depth Below Grade	No.		Blows /6"		"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)	<u> </u>
0	1	0-48	-	48/42	-	0-3" Asphalt		0-24	0.0	_
		<u> </u>				3-4" Fine to coarse GRAVEL (angular)				
						4-26" Dark yellowish brown 10 YR 5/4 to grayish brown 5YR 3/2, damp, fine to coarse SAND, some fine to medium gravel (subrounded to angular), little coarse gravel (subrounded to angular)		•		
						26-32"; 37-42" Dusky brown 5YR 2/2, damp, SILT and fine SAND, some fine to medium gravel (subrounded to angular), little medium to coarse sand 32-37" CONCRETE and GRAVEL fragments		24-48"	0.1	
48	2	48-96		48/0	-	No recovery		NA	NA	
.%	3	96-144		48/6	-	Moderate yellowish brown 10YR 5/4, damp, fine to medium SAND, some coarse sand, little fine to medium gravel (subrounded to subangular)		96-102"	0.1	
144	4	144-168	-	24/12	-	Pale yellowish brown 10YR 6/2 to moderate yellowish brown 10YR 5/4, damp, fine to medium SAND, some coarse sand, little fine to medium gravel (subrounded to subangualr)		144-156	0.1	
	•		•							
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								•		
						•				
: Th	e soil t	oring was	backfilled	with soil cutting	ngs and bento	onite chips.			<u> </u>	_

			W. T.			TEST BORING LOG	REPO	RT OF I	BORING
				NEERS				SB-0	
Client:	Form	ner Sylv	/ania El	ipport Inco ectric Prod		Drill Method: Geoprobe Sampler: 2-inch acetate core	Page 1 o		
]		rporate licksvill	d Facili	ty ·		Hammer: NA	Start Dat	e: 7/10/99	
, /No	.: 58	16.009				Fall: NA	End Date		
		pany: i lartin Pe		mental Pro	bing Inve	stigations, Inc.	Screen Riser		Grout Sand Pack
Drill Ri	g: Ge	eoprobe	Hurric	cane Dual S	ampling	System)	Steel		Bentonite
OBG G	eolog	jist: Ch	iawn O'	Dell	i ·	T	Stratum		Field
Depth			_				Change		Testing
Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	General Descript	Sample Interval	PID (ppm)
0	1	0-48	=	48/40	-	0-3" ASphalt	Бооспре	0-12"	0.1
	<u> </u>				-	3-4" fine to coarse GRAVEL (angular)			
					-	4-40" Pale brown 5YR 5/2 to grayish brown 5YR 3/2, damp, fine to coarse SAND and GRAVEL		12-30"	0.3
						(subrounded to angular), little silt, trace broken		30 -40 °	0.2
	•					cobble fragments			
48	2	48-96		48/24	•	Pale yellowish brown 10YR 6/2 to dusky yellowish		48-72"	0.7
						brown 10YR 2/2, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular), little silt			
								•	
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							,		
s: Th	e soil b	onng was	backfilled	d with soil cutting	ngs and bent	onite chips.			

				TEST BORING LOG	REPO	RT OF B	ORING	
OBRIEN & G						SB-01	19	
Client: GTE Ope Former S Incorpor Loc: Hicks	Sylvania E ated Facil	lectric Prod		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location Start Date	:		
No.: 5816.0	9			Fall: NA	End Date			
Boring Compan Foreman: Martii Drill Rig: Geopr OBG Geologist:	n Pepper obe (Hurri	cane Dual S		•	Screen Riser Steel	- B	Grout Sand P Benton	
Grade No. (in		Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testi PID (ppm)	
0 1 0-4	8 -	48/32		0-3" Asphalt 3-16" Brownish black 5YR 2/1, fine to coarse SAND, some fine to medium gravel (subangular to angular), little coarse gravel 16-32" Moderate yellowish brown 10YR 5/4, damp, coarse to fine SAND, some fine gravel, little medium		0-32*	0.0	
48 2 48-	96	48/18	-	to coarse gravel (subrounded to angular) 48-57" Moderate yellowish brown 10YR 5/4, damp, coarse to fine SAND, some fine gravel, little medium to coarse gravel (subrounded to angular) 57-66" Coarse to medium GRAVEL (subrounded to		48-66	0.0	
3 96-1	44	48/15		angular), some fine gravel, trace small metal fragments Medium to coarse GRAVEL (subrounded to angular),		96-111"	0.0	
144 4 144	92 -	48/16	-	some fine gravel, little fine to coarse sand Medium to coarse GRAVEL (subrounded to angular), some fine gravel, little fine to coarse sand		144-160"	0.0	
•								
The soil boring	was backfilled	d with soil cutting	gs and bent	onite chips.				

Classic File Departuries Support Recoporated Cancer of Prograted Facility Loc: Hicksville, NY No.: S816.009 Fall: NA End Date: 7/11/199 Start Date:							TEST BORING LOG	REPO	RT OF B	ORING	
Former Sylvania Electric Products Sampler: 2.4/nch acetate core Hammer: NA Start Date: 7/11/99 Start D									SB-02	20	
Soring Company: Environmental Probing Investigations, Inc. Foreman: Martin Pepper Orbit Rig: Geoprobe (Hurricane Dual Sampling System) Sample Depth Depth Depth Depth Depth Recovery Value O 1 0 48 - 4848 - 03' Asphalt O 1 0 48 - 4848 - 03' Asphalt O 1 0 48 - 4848 - 03' Asphalt O 1 0 48 - 4848 - 03' Asphalt O 1 0 48 - 4848 - 03' Asphalt O 1 0 48 - 4848 - 03' Asphalt O 27-45* Moderate yellowish brown 10YR 5/4, damp, fine to medium SAND, some caure sand, little fine to course grave (dubrounded to angular) O 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Forn	ner Sylv rporate	⁄ania El∉ d Facili	ectric Prod		Sampler: 2-inch acetate core	Location	:		
Boring Company: Environmental Probing Investigations, Inc. Foreman: Martin Pepper Foreman: Martin Pepper Dill Rig: Geoprobe (Hurricane Dual Sampling System) Depth Below (In.) / 6" Recovery Value Depth Below (In.				e, NY			Fall: NA				
Drill Rig: Geoprobe (Hurricane Dual Sampling System) Degth Blows Penetr/ "N" Sample Description O 1 0-48 - 4848 - 9-3* Asphalt O 1 1 0-48 - 4848 - 9-3* Asphalt O 1 1 0-48 - 4848 - 9-3* Asphalt O 1 1 0-48 - 4848 - 9-3* Asphalt O 1 1 0-48 - 4848 - 9-3* Asphalt O 1 1 0-48 - 4848 - 9-3* Asphalt O 27* SYR 271, damp, SLT, some fine to ceases sand, sittle fine to coance gravel (dubrounded to angular) O 1 1 0-48 - 4848 - 9-3* Asphalt O 27* Asphalt O 27* Asphalt O 27* Asphalt O 37* Asphalt O 37* Asphalt O 37* Asphalt O 38* Asphalt O 38* O					mental Pro	bing Inve	stigations, Inc.	Screen	= \		_
Depth Below Grade No. (in.) Depth Blows Penetr/ (in.) n.) (in.)	Drill Ri	g: Ge	oprobe	Hurric		ampling (System)				
0 1 0-48 - 48/48 - 9-3 * Asphali 3-6* coanse to fine GRAVEL (angular) 3-5* coanse to fine GRAVEL (angular) 6-27* Graysh brown SYR 3/2 to brownith black SYR 2/1, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular) 27-48* Moderate yellowish brown 10YR 5/4, damp, fine to medium SAND, some coarse sand, little fine to coarse gravel (subrounded to angular) 48-90* Moderate yellowish brown 10YR 5/4, damp, course to fine SAND, some fine to coarse gravel (subrounded to angular) 48-72* 0.0 0.2 0.2 0.2 0.2 0.2 0.3	Below	No.				l .	Sample Description	Change General		Testing PID	;
6-27 Gayayh brown SVR 3/2 to brownish black SVR 2/1 damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular) 27-48" Moderate yellowish brown 10VR 5/4, damp, fine to medium SAND, some coarse sand, little fine to coarse gravel (subrounded to angular) 48-90" Moderate yellowish brown 10VR 5/4, damp, course to fine SAND, some fine to coarse gravel (subrounded to angular) 48-72" 0.0 0.2 0.2 0.2 0.2 0.2 0.3	0	1	0-48		48/48						_
SYR 2/1, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular) 27-48° Moderate yellowish brown 10YR 5/4, damp, fine to medium SAND, some coarse sand, little fine to coarse gravel (subrounded to angular) 48 2 48-90 — 42/42 — 48-90° Moderate yellowish brown 10YR 5/4, damp, coarse to fine SAND, some fine to coarse gravel (subrounded to angular) 48-72° 0.0 coarse to fine SAND, some fine to coarse gravel (subrounded to angular) 72-90° 0.2			<u> </u>								
fine to medium SAND, some coarse and, little fine to coarse gravel (aubrounded to angular) 48 2 48-90 — 42/42 — 48-90 Moderate yellowish brown 10 YR 5/4, damp, course to fine SAND, some fine to coarse gravel (subrounded to angular) 72-90 0.2							5YR 2/1, damp, SILT, some fine to coarse sand,				
fine to coarse gravel (subrounded to angular) 48 2 48-90 — 42/42 — 48-90* Moderate yellowish brown 10YR 5/4, damp, course to fine SAND, some fine to coarse gravel (subrounded to angular) 72-90* 0.2								·	27-48"	0.0	
course to fine SAND, some fine to coarse grave! (subrounded to angular) 72-90* 0.2											
	48	2	48-90		42/42				48-72"	0.0	
The soil borning was backfilled with soil cuttings and bentonite chips.							(subrounded to angular)		72-90*	0.2	
T: The soil bonng was backfilled with soil cuttings and bentonite chips.											
1: The soil borng was backfilled with soil cuttings and bentonite chips.)								:		
7: The soil bonng was backfilled with soil cuttings and bentonite chips.											
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3: The soil bonng was backfilled with soil cuttings and bentonite chips.											
	3: Th	e soil b	onng was	backfilled	with soil cutting	ngs and bent	onite chips.	<u> </u>		<u> </u>	

div82/projects/5816.009/4_notes/sb-20

©HBRIENIK (CERTERENCE) NEERS : INC Client: GIE Operations Support Incorpora						TEST E	ORING LOG	REPO	ORT OF E	ORIN	G
	-	THE RESERVED	A CALL DE ANN PARTY AND A	which of which White y Managed in white					SB-02	21	
	Forn Inco	ner Sylv	vania El d Facili	ectric Prod		Sampler: 2	Seoprobe -inch acetate core IA	Page 1 o Location Start Dat			
. No	.: 58	16.009				Fall: N	Α	End Date	e: 7/11/99		
Forema Drill Ri	an: M g: Ge	lartin Pe eoprobe	epper	cane Dual S	•	stigations, Inc. System)		Screen Riser Steel		Grout Sand F Bento	
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value		e Description	Stratum Change General Descript	Samie interval	Fiel Test PID (ppm)	-
0	1	0-48	-	48/36		0-3" Asphalt	•				
						3-5" Coarse to fine GRA	AVEL (angular)		0-36"	0.0	
·						5-9" Grayish black N2, some fine gravel, little a	damp, fine to coarse SAND, sphalt fragments				
						9-15" Moderate brown 5 some fine to medium gra subangular), little fine to				:	
						15-24" Dark yellowish t to coarse SAND, some f little silt	orown 10YR 4/2, damp, fine fine gravel (subangular),				
.e. 2					· · · · · · · · · · · · · · · · · · ·	yellowish orange 10YR	rish brown 10YR 5/4 dark 6/6, damp, fine to coarse arse gravel (subrounded to				
48	2	48-96		48/39	-	yellowish orange 10YR	rish brown 10YR 5/4 dark 6/6, damp, fine to coarse rse gravel (subrounded to		48-74*	0.0	
						74-81" Pale yellowish bi SILT, little fine sand, tra	rown 10YR 6/2, damp to wet,		74-87*	0.0	
							rown 10YR 6/2, damp, coarse L (subrounded to angular) d				
									•		
3: The	e soil b	onng was	backfilled	with soil cuttin	gs and bent	onite chips.					

KOSARTI TUVERSKA KATORIS MEDITAKA

TEST BORING LOG REPORT OF BORIN ០៲ឨឨ៲ឨ៶៓៲៵៵៶៰៲ឨឨឨ៲ឨ៶៲៰៲៶៱៲ឨឨ៶៵៸៲៶៸៲៰ SB-022 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 2-inch acetate core Former Sylvania Electric Products Sampler: Location: **Incorporated Facility** Hammer: j. Loc: Hicksville, NY Start Date: 7/11/99 Fall: No.: 5816.009 NA End Date: 7/11/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Martin P Riser Sand Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 Bento OBG Geologist: Chawn O'Dell Stratum Fie Depth Change Tes Below Depth Blows Penetr/ "N" Sample Description General Sample PID Grade No. /6" Recovery (in.) Value Descript Interval (ppm) 0 0-48 48/12 0-3" Asphalt 0-12" 0.0 3-12" Brownish gray 5YR 4/1 to grayish black N2, damp, fine to coarse GRAVEL (angular), some fine to coarse sand, little silt, trace asphalt fragments 48 2 48-96 48/18 48-54" Light brown 5YR 5/6 to dark yellowish brown 48-66" 0.0 10YR 4/2, damp, fine to coarse SAND, some silt, little fine gravel (subangular to angular) 54-66" then pale yellowish brown 10YR 6/2, damp, coarse, SAND and fine GRAVEL (subrounded to angular), little fine to medium sand, trace medium gravel (subangular)

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Client: GTE Operations Support Incorporated Former Sylvania Electric Products Incorporated Facility '. Loc: Hicksville, NY						Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:	1	·
. √No.: 5816.009						Fall: NA	Start Date	7/11/99	
Boring Company: Environmental Probing Investoreman: Martin Pepper Drill Rig: Geoprobe (Hurricane Dual Sampling SOBG Geologist: Chawn O'Dell						stigations, inc.	Screen Riser	L	Grout
						System)	Riser Sand P Steel // Bentor		
Depth Below Grade	No.	Depth (in.)	Blows	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General	Sample	Field Tésting PID
0	1	0-48	-	48/39	-	0-3" Asphalt	Descript	Interval	(ppm)
						2 218 Count town sym on 1		0-39"	0.2
						3-31" Grayish brown 5YR 3/2, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to			
						angular), little silt, trace slag/coal/concrete fragments			
						31-39" Moderate yellowish brown 10YR 5/4, damp,			
					•	medium to coarse SAND, some fine to coarse		٠	
						gravel (subrounded to angular)			
48	2	48-96		48/10	-	Moderate yellowish brown 10YR 5/4, damp, coarse to		48-58*	0.1
	İ				· · · · · · · · · · · · · · · · · · ·	fine SAND, some fine to coarse gravel, little coarse gravel (subrounded to subangular)		i	
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: The	soil bo	onng was	backfilled	with soil cutting	gs and bento	onite chips.	L		

div82/projects/5816.009/4_notes/sb-23a

TEST BORING LOG

TEST BORING I OG REPORT OF BORING OVERHENDE GEREEEN GINEERS IN GE **SB-023B** Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: Incorporated Facility Hammer: i. Loc: Hicksville, NY Start Date: 7/11/99 No.: 5816.009 Fall: NA End Date: 7/11/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ Grout Foreman: Martin Pepper Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7/ Bentonite OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** Depth Blows "N" Below Penetr/ Sample Description General Sample PID Grade /6" No. (in.) Recovery Value **Descript** Interval (maga) 0-48 48/21 0 1 0-3" Asphalt 0-21 0.1 3-9" Grayish brown 5YR 3/2, damp, fine to coarse SAND, some fine to coarse gravel (angular to subrounded), little silt 9-12" CONCRETE fragments 12-21" moderate yellowish brown 10YR 5/4, damp, coarse SAND and fine GRAVEL (subrounded to subangular), little medium to fine sand 48 2 48-96 48/18 Moderate yellowish brown 10YR 5/4 to dark yellowish 48-66" 0.3 brown 10YR 4/2 (bottom 3"), damp, coarse SAND and fine GRAVEL (subrounded to subangular), little fine to medium sand, trace silt, trace concrete fragments at the bottom of the sample 6 3 96-144 48/23 Dark yellowish orange 10YR 6/6 to grayish brown 96-119" 0.0 5YR 3/2, damp, coarse to medium SAND, some fine sand, little coarse to fine gravel (subangular to angular 114-116" Dark yellowish brown 10YR 4/2, damp, fine SAND and SILT, little medium to coarse sand, trace 144 144-192 144-160" Dark Yellowish brown 10YR 4/2, damp, 4 48/33 144-160 0.0 coarse to fine SAND, some coarse to fine gravel (subrounded to angular), little silt 160-177" Dark yellowish orange 10YR 6/6, damp, 160-177 0.0 fine to coarse, SAND, some coarse to fine gravel (subrounded to angular) s: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG REPORT OF BORING BRIEN & GERELENGINEERS INGS SB-024 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: j. Loc: Hicksville, NY Start Date: 7/11/99 No.: 5816.009 Fall: NA End Date: 7/11/99 Boring Company: Environmental Probing Investigations, Inc. Scree = \ | Grout Foreman: Martin Pepper Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7/ Bentonite OBG Geologist: Chawn O'Dell Stratu Field Depth Chang Testing Below Depth Blows "N" Penetr/ Sample Description Gener Sample PID Grade No. (in.) /6" Recovery Value Descri Interval (ppm) 0-48 0 48/36 0-3" Asphalt 3-36" Brownish black 5YR 2/1, damp, coarse to fine 0-36" 500.0 SAND and GRAVEL (subangular to subrounded), little silt, trace slag/asphalt fragments 48 48-96 2 48/48 48-66" Brownish black 5YR 2/1, damp, fine to coarse 48-96* 500.0 SAND, some fine to medium gravel (angular), little 66-68" Multilayered yellow, brown, black SILT like process waste? 68-71" Moderate greenish yellow 10Y 7/4, damp SILT like process waste? 71-92" very pale orange 10YR 8/2 and dusky yellowish brown 10 YR 2/2 (layering), damp SILT-like 92-96" Dusky brown 5YR 2/2, damp, SILT, some fine to medium sand, little coarse sand to fine gravel (subangular) 96 3 96-144 48/36 96-108" Dark yellowish brown 10 YR 4/2, damp, 96-108* 650.0 coarse SAND and fine GRAVEL (angular), little fine to coarse sand, trace silt 108-118" Very pale orange 10YR 8/2, damp to wet, 108-1327 890.0 SILT-like waste 118-132" Dark yellowish brown 10YR 4/2, damp, fine to coarse SAND, some silt, little fine gravel (subangular), trace medium to coarse sand s: The soil bonng was backfilled with soil cuttings and bentonite chips.

						TEST BORING LOG	REPO	RT OF B	ORING
छ्म्हार	EN	GER	EENG	INEERS.	Ne	·		SB-02	25
Client:	GIE Forn Inco oc: H	Operat ner Sylv rporate licksvill	ions Su ⁄ania El d Facili	ipport Incor ectric Prod	porated	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA		1 : e: 7/11/99	
		16.009			CYY	Fall: NA	End Date		
Forem Drill Ri	an: M g: Ge	lartin Pe eoprobe	epper	cane Dual S	_	stigations, Inc. System)	Screen Riser Steel		Grout Sand Pac Bentonite
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48	-	48/30	-	0-12" Grayish brown 5 YR 3/4, damp, SILT, some fine sand, little coarse to fine gravel (angular), trace medium to coarse sand		0-18*	0.0
						12-16" Dusky brown 5YR 2/2, damp, SILT, little fine sand, little organic matter (roots)			
						16-24" Light brown 5YR 5/6, damp, fine SAND and SILT, little fine to coarse gravel (subrounded to angular)	-	18-30*	0.1
						24-30" Pale yellowish brown 10YR 6/2, damp, fine SAND and SILT, little fine to coarse gravel (subrounded to angular)			
/:··									
						·			: :
, . Ti	ne soil t	oring was	s backfille	d with soil cutti	ngs and ben	tonite chips.		·	· · · ·

				- B - 3 - 10		TEST	BORING LOG	REPO	RT OF B	ORING	3
OBR	ENV	KER	EENG	INEERS	Messa.				SB-02		
	GIE Form	Operat ner Sylv	ions Su	pport Incor ectric Prod	porated	Drill Method: Sampler: Hammer:	Geoprobe 2-inch acetate core NA	Page 1 of Location	1		
No نہ	oc: H .: 58°	icksvill 16.009	e, NY			Fall:	NA	End Date			
Forema Drill Ri	an: M g: Ge	artin Po coprobe	epper	cane Dual S	_	stigations, Inc. System)		Screen Riser Steel		Grout Sand I Bento	
Depth Below Grade	No.		Blows /6"		. "N" Value	Sam	ple Description	Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)	-
0	1	0-48	-	48/39	-	SAND, some fine to angular), little medic fragments, trace slag	/R 5/2, damp, SILT and fine coarse gravel (subrounded to im to coarse sand, trace concrete states of the coarse sand, trace concrete states of the coarse sand, trace concrete states of the coarse sand, trace concrete states of the coarse sand, trace concrete states of the coarse sand, trace concrete states of the coarse sand, trace sand sand sand sand sand sand sand sand		0-26" 26-39"	1.3	
						36-39" Moderate yel	D, little medium to coarse sand llowish brown 10YR 4/2, damp, me GRAVEL (subrounded to me to medium sand				
									•		
							-				
s: Th	e soli t	onng was	s Dackfilled	d with soil cutti	ngs and beni	tonite chips.					

CODDI				INEERS		1EST BORING LOG	KEPO	RIOFB		5
Client: j. Le	GTE Forn Inco oc: H	Operatiner Sylverial Sylve	ions Su ⁄ania El d Facili	ipport Incoi ectric Prod	porated	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:	e: 7/12/99	<u> </u>	
Boring Forema Drill Ri	Com n: M g: Ge	lartin Po eoprobe	epper	cane Dual S	_	Fall: NA stigations, Inc. System)	Screen Riser Steel		Grout Sand F Bentor	
Depth Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)	
		0-48		48/42		0-7" Dark yellowish brown 10YR 4/2, damp, SILT, some fine sand, little organics, trace fine gravel (angular) 7-28" Dark yellowish orange 10YR 6/6, damp, SILT and fine SAND, little fine to medium gravel (subrounded to angular) 28-42" Pale yellowish brown 10YR 6/2, damp, fine to medium SAND, some coarse sand, little fine to coarse gravel (subrounded to angular)	·	0-28*	0.0	
			hooksiic							
s: Th	e soıi b	oring was	backfilled	d with soil cutting	ngs and bent	onite chips.				

harden service					Address of the last				
OHEIS!	EW	MGER	EENIC		NG.	TEST BORING LOG	REPO	ORT OF B SB-02	
	GTE Forr	Opera	ions Si ⁄ania El	ipport Inco ectric Prod	rporated	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location	11	
No	oc: F .: 58	licksvill 16.009	e, NY	•	hing Invo	Fall: NA stigations, Inc.	End Date	e: 7/12/99 e: 7/12/99	
Forema Drili Ri	an: N g: G	lartin P	epper e (Hurri	cane Dual S			Screen Riser Steel	22	Grout Sand Paci Bentonite
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48	-	48/46	-	0-6" Dark yellowish brown 10YR 4/2, damp, SILT, some fine sand, little organic matter, trace fine gravel (angular)		0-6*	0.0
		·				6-32" Dark yellowish orange 10YR 6/6, damp, SILT and fine SAND, little fine gravel (angular)		6-32"	0.0
						32-46" Pale yellowish brown 10YR 6/2, damp, fine to coarse SAND, little fine to medium gravel (subrounded to angular), trace coarse sand		32-46"	0.0
						(contained to angular, dece control said			
								-	
						•			
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						•			
s: Ine	SOII D	onng was	Dackfilled	with soil cuttin	gs and bento	onite chips			

						TEST BORING LOG	REPO	RT OF BO	DRING	;
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_	Form	ner Sylv rporate	/ania Ele d Facilii	ipport Incoi ectric Prodi ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:			
.∕No	.: 581	licksvill 16.009	·		•	Fall: NA	Start Date End Date:	7/12/99		
Forema Drill Rig	an: M g: Ge	lartin Pe eoprobe	epper	cane Dual S		stigations, Inc. System)	Screen Riser Steel	235	Grout Sand F Bento	Pack
Depth Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)	ting
0	1	0-48	-	48/42		0-7" Dark yellowish brown 10YR 4/2, damp, SILT, some fine sand, little organic matter, trace fine				
						gravel (angular)		0-30"	0.0	
					·	7-30" Dark yellowish orange 10YR 6/6 to grayish orange 10 YR 7/4, damp, SILT, some fine sand, little fine to medium gravel (subrounded to angular)				
						30-42" Pale yellowish brown 10 YR 4/2, damp, fine to coarse SAND, some fine to medium gravel (subrounded to angular), little coarse sand		30-42*	0.0	
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						TEST	BORING LOG	REPO	RT OF BO	DRING	
				NEEKS,				ļ	SB-03	OA	
j. Lo	Form Incom oc: H	ner Sylv rporated icksvill	ania Ele d Facilii	ipport Incoi ectric Prodi ty		Drill Method: Sampler: Hammer:	Geoprobe 2-inch acetate core NA	Page 1 of Location: Start Date	: 7/12/99		
√No.	.: 581	16.009				Fall:	NA	End Date:	7/12/99		
Forema Drill Rig	n: M g: Ge	artin Pe oprobe	epper	cane Dual S	_	stigations, Inc. System)		Screen Riser Steel		Grout Sand P Benton	ite
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value		iple Description	Stratum Change General Descript	Sample Interval	Field Test PID (ppm)	
0	1	0-48	-	48/27		some fine sand, little	brown 10YR 4/2, damp, SILT, e organic matter, trace fine		0-8*	0.0	
						gravel (angular)					
					·	yellowish orange 10	owish brown 10YR 5/4 to dark		8-27"	0.0	
		•			-	medium gravel (sub	m to coarse sand, little fine to rounded to angular)				
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				NEERS:				SB-03	80B	
Client:	Form	ner Sylv		ipport Incor ectric Prodi ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location			
No	oc: H .: 581	icksvill 16.009	e, NY			Fall: NA	Start Date	e: 7/12/99 : 7/12/99		
Forema Drill Rig	ın: M g: Ge	artin Pe	epper	ane Dual S		stigations, Inc. System)	Screen Riser Steel		Grout Sand Pa Bentoni	
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testir PID (ppm)	
0	1	0-48		48/33		0-12" Dark yellowish brown 10YR 4/2, damp, SILT and fine SAND, little organic matter, trace fine gravel (angular)		0-20"	0.0	
						12-33" Pale yellowish brown 10YR 6/2, damp, fine to coarse SAND, some fine to medium gravel (subrounded to angular), little coarse gravel	•	20-33°	0.0	
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: Th	e soil b	onng was	backfilled	d with soil cutti	ngs and bent	I conite chips.	<u> </u>			

REPORT OF BORING

				INFERS			<u> </u>	2B-03	1	
				pport Incor		Drill Method: Geoprobe	Page 1 of			
				ectric Produ	ıcts	Sampler: 2-inch acetate core	Location:			
			d Facilit	y		Hammer: NA		m146100		
		icksville	e, NY				Start Date			
. ok.	<u>: 581</u>	6.009				Fall: NA	End Date:			
Boring	Com	oany: E	nviron	mental Prob	oing Inves	stigations, Inc.	Screen		Grout	_1.
Forema	n: M	artin Pe	epper	D! O		Sundam)	Riser		Sand Pa	
Drill Rig	g: Ge	oprobe	(Hurric	ane Dual S	ampling S	system)	Steel	11	Bentonit	(e
OBG G	eolog	ist: Ch	awn O'	Dell		r	Christian		•	
							Stratum		Field	
Depth		Danish	Diama	Donotel	"N"	Sample Description	Change General	Sample	Testin	9
Below			Blows			Sample Description		Sample		
Grade	No.	(in.)	/6"	Recovery	Value	O CT Data will and beautiful to the CH T	Descript	Interval -	(ppm)	
0	1_	0-48		48/30		0-6" Dark yelllowish brown 10YR 6/2, damp, SILT,		0-6*	0.0	
						some fine sand, little organic matter, trace		0-6	0.0	
						fine gravel (angular)				
						6 24" dock vallowish owner 10VD 6/6 down CU T		6-24"	0.0	
						6-24" dark yellowish orange 10YR 6/6, damp, SILT, some fine sand, little fine to medium gravel]	U-24	J.0	
						some time sand, little line to medium gravel (subrounded to angular)				
						(2001) GRIGGE TO STIRE IST.)				
						24-30" Pale yellowish brown 10YR 6/2, fine the coarse		24-30"	0.0	
		-				SAND, some fine to coarse gravel (subrounded to		2-7-00	J. J.	
						angular, little silt				
						angular, nuc sut				
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Th	e soil t	coring was	s backfille	d with soil cutti	ngs and ben	tonite chips.				

REPORT OF BORING

						TEST BORING LOG	REPC	RT OF B	ORING
ां।	EN 8	CER	EENG	INEERS	1110			SB-03	32
Ĺ	Form Incom oc: H	ner Sylv rporate icksvill	ania Ele d Facilit	pport Incolectric Prod ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA		: e: 7/12/99	
		6.009	nviron	mental Pro	bing Inves	Fall: NA stigations, inc.	End Date		Grout
Forema Drill Rig	ın: M g: Ge	artin Pe oprobe	epper	cane Dual S	_		Riser Steel	100	Sand Pack Bentonite
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48	-	48/33	-	0-6" Dark yellowish brown 10YR 6/2, damp, SILT, some fine sand, little organic matter, trace fine gravel (angular)		0-6"	0.0
						6-20" Dark yellowish orange 10YR 6/6, damp, SILT and fine SAND, some fine to medium gravel (subrounded to angular)		6-20"	0.0
						20-33" Pale yellowish brown 10YR 6/2, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular)	:	20-33*	0.0
. T									
						,			
								•	
Th	e soil b	onng was	backfilled	d with soil cutti	ngs and bent	tonite chips.		-	
		_			-	•			

TEST BORING LOG REPORT OF BORING OFFICE VEREIENCE PERSON NO **SB-033** Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Location: Sampler: 2-inch acetate core Hammer: **Incorporated Facility** Start Date: 7/12/99 yj. Loc: Hicksville, NY Fall: NA End Date: 7/12/99 No.: 5816.009 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Martin Pepper Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 Bentonite OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testing Depth Blows "N" Below Penetr/ Sample Description General PID Sample No. /6" Recovery Value Descript Grade (in.) interval (ppm) 0-48 48/36 0-6" Dark yellowish brown 10YR 6/2, damp, SILT, 0-24" some fine sand, little organics, trace fine gravel 0.0 (angular) 6-24" Dark yellowish orange 10YR 6/6, damp, SILT and fine SAND, little fine to medium gravel (subrounded to angular) 24-36" Pale yellowish brown 10YR 6/2, damp, fine to 24-36" 0.0 coarse SAND and GRAVEL (subrounded to angular)

s: The soil bonng was backfilled with soil cuttings and bentonite chips.

				100		TEST	BORING LOG	REPO	ORT OF E	BORIN	G
				(VEFE)					SB-03		
	Forn	ner Sylv rporate	rania Ele d Facilit	ipport Incor ectric Prod ty		Drill Method: Sampler: Hammer:	Geoprobe 2-inch acetate core NA	Page 1 c Location	1:		
, No	.: 58	icksvill 16.009				Fall:	NA	End Date	te: 7/12/99 e: 7/12/99		. <u>. </u>
Forema Drill Ri	an: M g: Ge	artin Pe	еррег	cane Dual S	_	stigations, Inc. System)		Screen Riser Steel		Grout Sand I Bento	
Depth Below. Grade			Blows /6"	Penetr/ Recovery	"N" Value		ple Description	Stratum Change General Descript		Fiel Test PID (ppm)	
0	1	0-48	-	48/30	-	some fine sand, little	brown 10YR 4/2, damp, SILT, corganic matter, trace fine ubrounded to angular)		0-18"	0.2	
							h orange 10YR 6/6, damp, SILT e fine to medium gravel lar)				
						to coarse SAND, sor	sh brown 10YR 6/2, damp, fine ne fine to medium gravel, angular to subrounded)		18-30"	0.1	
									·		
									!		
									j		
									-		
s: Th	e soil b	onng was	backfilled	d with soil cutting	ngs and bent	onite chips.					

TEST BORING LOG REPORT OF BORING OBRIEN & GEREIENGINEERS INC. SB-035A Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: Incorporated Facility Hammer: Loc: Hicksville, NY Start Date: 7/12/99 Fall: No.: 5816.009 NA End Date: 7/12/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ Grout Foreman: Martin Pepper Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testina "N" Sample Description Depth Blows Below Penetr/ General Sample PID Grade No. (in.) /6" Recovery Value Descript Interval (ppm) 48/17 0-48 0 0-3" Asphalt _ 0-17" 0.0 3-17" Grayish black N2 to light brownish gray 5YR 6/1, damp, SILT and fine SAND, some fine to coarse gravel (angular), little medium to coarse sand 48/14 2 48-96 48 Grayish brown 5YR 3/2 to moderate yellowish brown 48-62* 0.0 10YR 5/4, fine to coarse SAND, some fine to coarse gravel (angular to subrounded) 96 3 96-144 48/48 Dark yellowish orange 10YR 6/6 to pale yellowish 96-120" 0.2 brown 10YR 6/2, damp, coarse to fine SAND, some fine to medium gravel (subrounded to angular) 120 - 144" 0.3 little coarse gravel (subrounded to angular)

TEST BORING LOG REPORT OF BORING ()) द्वारा वर्षे १८ स्टब्स्य वर्षे १८ स्थार विकास स्थार । १८ स्थार १८ स्थार १८ स्थार १८ स्थार १८ स्थार १८ स्था SB-035B Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: i. Loc: Hicksville, NY Start Date: 7/12/99 Fall: a No.: 5816.009 NA End Date: 7/12/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Martin Pepper Sand Pack Riser Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7/ **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testina "N" Depth Blows Below Penetr/ Sample Description General Sample PID Recovery Grade No. /6" Value Descript (ppm) (in.) Interval 0-48 48/33 0 0-3" Asphalt 3-18" Dark yellowish brown 10YR 4/2, damp, fine 0-18" 0.0 to coarse SAND, some fine to coarse gravel (subrounded to angular), little silt 18-33" Red and white BRICK and CONCRETE 18-33" 0.0 fragments, little fine to medium gravel (angular) 48 48-96 48/36 Pale yellowish brown 10YR 6/2 to dark yellowish 48-84" 0.0 brown 10YR 4/2, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular) (top 2" of sample is red brick fragments) 96 3 96-144 48/32 Pale yellowish brown 10YR 6/2, damp, fine to coarse 96-128" 0.0 SAND and GRAVEL (subrounded to angular), little brick fragments in upper 8" (possible cave-in) 144 144-168 24/18 Dark yellowish orange 10YR 6/6, damp, fine to coarse 144-168* 0.0 SAND, some fine to medium gravel (subrounded to angular)

						TEST BORING LOG	REPO	RT OF B	ORING	3
				INEERS				SB-03	36	
Client:	Form	ner Sylv	ions Su ania Ele d Facilit	pport Incorectric Products	porated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location			
No	oc: H .: 581	icksville 16.009	e, NY	-		Fall: NA	Start Date	: 7/12/99		
				mental Prol	oing Inves	tigations, Inc.	Screen	= \	Grout	
Drill Ri	g: Ge			ane Dual S Deli	ampling \$	System)	Riser Steel	7/	Sand F Bentor	
Depth							Stratum Change		Fiel Test	
Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	General Descript	Sample Interval	PID (ppm)	
0	1	0-48		48/48		0-3" Asphalt		0-24"	0.0	
						3-27" Dark yellowish brown 10YR 6/2, damp, SILT and fine SAND, some fine to medium gravel (angular)		32.		
						27-38" Dark yellowish orange 10YR 6/6, damp, SILT and fine SAND		24-48"	0.0	
						38-48" Pale yellowish brown 10YR 6/2, damp, fine to coarse SAND and GRAVEL (subrounded to				
						angular)				
48	2	48-96		48/44	-	Pale yellowish brown 10YR 6/2 to moderate yellowish brown 10YR 5/4, damp, fine to coarse SAND, some		48-60"	0.0	
						fine to coarse gravel (subrounded to angular)		60-92"	0.0	
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				t unth coil cutti						

				NEERS				SB-03	37	
Client:				pport Incor		Drill Method: Geoprobe Sampler: 2-inch acetate core	Page 1 o			
			ranıa ⊑ıı d Facilit		ucts	Sampler: 2-inch acetate core Hammer: NA	Location	•		
j. Lo		icksvill		•3			Start Dat	e: 7/13/99		
		16.009				Fall: NA	End Date			
				mental Prol	bing inves	stigations, Inc.	Screen		Grout	S I-
		artin Pe		ane Dual S	ampling S	Svetam)	Riser Steel		Sand F Bentor	
			awn O'		ampinia (01001		Dento	IIIC
							Stratum		Fiel	
Depth		Danth	Blows	Domodal	"N"	Comple Beautiful	Change	0	Test	ing
Below Grade	No.	eptn (in.)	/6"	Penetr/ Recovery	Value	Sample Description	General Descript	Sample Interval	PID (ppm)	
0	1	0-48	-	48/24	-	0-3" Asphalt	Descript	·	(ppiii)	
						·		0-12"	0.0	
						3-24" Moderate yellowish brown 10 YR 5/4 to dark				
						yellowish brown 10YR 4/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel		12-24"	0.0	
						(subrounded to angular), trace asphalt and brick	1.		0.0	
						fragments				
- 40		40.00	•	10/00						
48	2	48-96		48/30		48-78" Dark yellowish orange 10YR 6/6 to pale yellowish brown 10YR 6/2, damp, coarse to fine		48-60*	30.1	
						SAND, some coarse to fine gravel (subrounded to		60-78"	0.3	
						angular)		•		
- 00	_	00 444		10/20		1		00.4000		
96	3	96-144		48/32		Moderate yellowish brown 10YR 5/4, damp, coarse SAND and fine GRAVEL, (subrounded to angular),		96-128"	0.9	
						some medium to fine sand, little medium to coarse				
						gravel (angular)			1	i
·· —		144-192		48/48		Madana and haring harman 10VD 5/4 days		444.400	45.5	
*	4	144-192		40/40		Moderate yellowish brown 10YR 5/4, damp, coarse SAND and fine GRAVEL (subrounded to angular),		144-168*	15.5	
						some medium to fine sand, little medium to coarse		168-192	7.1	
						gravel (angular) (top 6" cave-in)				
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<u> </u>	A COIL F	ODG W	hackfile	t with soil cuttii	ne and hard	Courte chins				
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REPORT OF BORING

(A)				: ::::::::::::::::::::::::::::::::::::	106	TEST BORING LOG	REP	ORT OF		NG
	GIE	Operat	ions Su	pport Inco	porated	Drill Method: Geoprobe	Page 1		38	
	Inco	rporate	d Facili	ectric Produ ty	ucts	Sampler: 2-inch acetate core Hammer: NA	Location			
No	.: 58	licksvill 16.009				Fall: NA		ate: 7/13/9 ite: 7/13/99		
Boring Forema	Com an: M	pany: I lartin Po	Environ epper	mental Prol	bing Inve	stigations, Inc.	Scree Riser		Grout Sand F	
			(Hurrid lawn O'	cane Dual S Dell	ampling	System)	Steel		Bentor	
Depth					•		Stratu Chang		Fiel	
Below Grade	No.	Depth (in.)	Blows	Penetr/ Recovery	"N" Value	Sample Description	Gener Descri	Sample Interval	PID	ing
0	1	0-48	-	48/18	-	0-3" Grayish brown 5YR 3/2, damp, SILT, some	Descri	0-18"	(ppm) 0.0	
						fine to coarse sand, little fine to medium gravel		•		
						(subrounded to angular), little organic matter				}
			-			3-18" Pale yellowish brown 10YR 6/2 to dark			}	
		· · ·				yellowish brown 10YR 4/2, damp, SILT and fine				
						SAND, little medium to coarse sand, trace fine to				
						coarse gravel (subrounded to angular), trace amber		•		
		-				glass fragments				
48	2	48-60	-	24/12	-	Pale yellowish brown 10YR 6/2, damp, fine SAND,		48-60"	0.0	
						some medium to coarse sand, little fine to coarse			!	
					•	gravel (subrounded to angular)				
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, s: Th	e soil t	onng was	backfilled	d with soil cutting	ngs and bent	I conite chips.				
1		•				·				
							div82/proj	ects/5816.009	9/4 notes	/sb-38

	7.77					TEST BORING LOG	REPO	RT OF B	ORING	3
				NEERS				SB-03		
	Forn Inco	ner Sylv	ania Ele d Facilit	ipport Incol ectric Prod ty	porated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location			
∌ No	.: 58	16.009	•			Fall: NA	End Date	: 7/13/99		
Forema	n: M g: Ge	lartin Po eoprobe	epper e (Hurric	cane Dual S	_	System)	Screen Riser Steel		Grout Sand F Bentor	
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)	
0	1	0-48		48/36		0-15" Pale brown 5YR 5/2 to dusky brown 5YR 2/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular), little organic matter		0-15"	0.0	
					·	15-34* Dark yellowish orange 10YR 6/6, damp, SILT and fine SAND, little fine to coarse gravel (subrounded to angular)		15-36*	0.0	
						34-36" Fine to coarse SAND and GRAVEL	,			
48	2	48-96	-	48/48	-	Dark yellowish orange 10YR 6/6 to pale yellowish brown 10YR 6/2, damp, fine to coarse		48-72*	0.0	
						SAND, some fine to coarse gravel (subrounded to angular)		.72-96 *	0.0	
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								•		
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						·		:		
in: Th	e coil b	Onna was	hackfile	with soil cutting	one and hor	coute chins				
:S: 10	C SUII E	wing was	Dackinie(a wini sou com	iAs que neu	wine unps.				

		2				TEST BORING LOG	REF	ORT OF	BORING
				NEERS			ļ.	SB-04	10
Client:	Form	ner Sylv		ipport Incoi ectric Prodi ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 Location		
, No	.: 58	licksvill 16.009				Fall: NA	End Da	ate: 7/13/9 ate: 7/13/99	
		pany: I lartin P		mental Pro	bing Inve	stigations, Inc.	Scree		Grout
Drill Ri	g: G	eoprobe		cane Dual S Dell	ampling	System)	Riser Steel		Sand Pack Bentonite
Depth Below			Blows		"N"	Sample Description	Stratu Chang Gener	Sample	Field Testing PID
Grade 0	No.	(in.)	/6"	Recovery 48/36	Value	O 27 Apphale	Descri	Interval	(ppm)
- 	 ' -	0-48	-	40/30	<u>-</u>	0-3" Asphalt		0-24"	0.0
						Grayish brown 5YR 3/2, damp, fine to coarse SAND and GRAVEL (subrounded to angular), little silt, trace slag/brick/coal fragments		24-36"	0.0
48	2	48-96		48/42		Pale yellowish brown 10YR 6/2 to moderate yellowish brown 10YR 5/4, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular)		48-60" 60-80" 80-90"	0.0 0.0 0.0
	·								
* -*-									
		·							
					-			•	
3: Th	e soil t	onng was	backfille	d with soil cutting	ngs and beni	lonite chips.			
							div82/pro	jects/5816.00	9/4_notes/sb-40

TEST BORING LOG REPORT OF BORING **SB-041** Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products 2-inch acetate core Sampler: Location: **Incorporated Facility** Hammer: NA i. Loc: Hicksville, NY Start Date: 7/13/99 Fall: No.: 5816.009 NA End Date: 7/13/99 Boring Company: Environmental Probing Investigations, Inc. Screen = **T** Grout Foreman: Martin Pepper Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change Testina Below Depth Blows Penetr/ "N" Sample Description General Sample PID Grade | No. /6" Recovery (in.) Value Descript Interval (ppm) 0-48 48/44 ō 1 _ 0-3" Asphalt 0-12" 0.0 3-15" Dark yellowish brown 10YR 6/2 to grayish black N2, damp, SILT, some fine to coarse sand and gravel (subrounded to angular), little asphalt/slag 12-18" 0.0 fragments 15-24" Dark yellowish orange 10YR 6/6, damp, SILT and fine SAND, some fine to coarse gravel 18-44" 0.0 (subrounded to angular), little clay 24-44" Pale yellowish brown 10YR 6/2, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular) 48-96 48/42* 48 2 Pale yellowish brown 10YR 6/2, damp, fine to medium 48-78" 0.0 SAND, some coarse sand, little fine to coarse gravel (subrounded to angular) 78-90" 0.0 *3*6 96-120 24/24 Pale yellowish brown 10YR 6/2 to moderate yellowish 100-108 0.0 brown 10YR 5/4, damp, coarse SAND and fine GRAVEL (subrounded to angular), little fine to 108-1201 0.0 medium sand

			W. C. T.		440	TEST	BORING LOG	PERO	RT OF B	DING	
OIBRIEN & SERE ENGINEERS: INC. Client: GTE Operations Support Incorporate Former Sylvania Electric Products								REPU	SB-04		•
vj. Lo	Forn Inco oc: H	ner Sylv	ania Ele d Facilit	ectric Prod		Drill Method: Sampler: Hammer:	Geoprobe 2-inch acetate core NA	Page 1 of Location: Start Date End Date	e: 7/13/99		
Boring Forema Drill Rig	Com an: M g: Ge	pany: E lartin Pe eoprobe	epper	ane Dual S	_	stigations, Inc.		Screen Riser Steel	= \	Grout Sand F Bentor	
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value		ple Description	Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)	
0	1	0-48	-	48/30	-	5YR 3/2, damp, SIL	h brown 10YR 6/2 to grayish brown T, some fine to coarse sand and to angular), little brick/concrtete		0-30	0.0	
48	2	48-96	-	48/42		orange 10YR 6/6, fir	nn 10YR 6/2 to dark yellowish ne to coarse SAND, some fine prounded to angular)		48-72* 72-90*	0.0	
96	3	96-144		48/21	-	orange 10YR 6/6, fir	m 10YR 6/2 to dark yellowish ne to coarse SAND, some fine prounded to angular)		96-117*	0.0	
						·			•		
ę· Th	e soil h	Onno was	backfiller	d with soil cutting	ngs and bent	onite chins.					-
ə. III	C JUII L	wing was	, vacaming	z mui son cetti	.go and bell	o.no onpa.					

						TEST	BORING LOG	REPO	RT OF B	ORING	3
OBR	EN	KGER	EENIG	INEERS.	110				SB-04	13	
Client:	GTE Forn Inco	Operat ner Sylv rporate	ions Su /ania El d Facili	pport Incor	porated	Drill Method: Sampler:	Geoprobe 2-inch acetate core NA	Page 1 of Location:			-
No ف	.: 58	licksvill 16.009					NA .	Start Date	7/13/99	_	
Forema Drill Ri	an: M g: Ge	lartin Pe eoprobe	еррег	cane Dual S	_	stigations, Inc. System)		Screen Riser Steel		Grout Sand I Bento	Pack
Depth Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value		ele Description	Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)	ting
0	1	0-48	-	48/45	-		5YR 3/2, damp, fine to coarse, some silt, little asphalt		0-37	0.0	
			•				brown 10YR 6/2, damp, fine to AVEL (subrounded to angular)		37 -4 5°	0.0	
48	2	48-84		48/36	-		10YR 6/2, damp, fine to AVEL (subrounded to angular)		48-66* 66-84*	0.0 0.0	
				·							
s: Th	ie soil t	onng was	s backfille	d with soil cutti	ngs and bent	tonite chips.					<u> </u>

TEST BORING LOG REPORT OF BORING अग्राम् १६८ वनसम्बर्धिण वनस्य । ११६ **SB-044** Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: vj. Loc: Hicksville, NY Start Date: 7/13/99 Fall: NA No.: 5816.009 End Date: 7/13/99 Boring Company: Environmental Probing Investigations. Inc. Screen **\ | Grout** Foreman: Martin Pepper Sand Pack Riser Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Change Depth Testina Below Depth Blows Penetr/ "N" Sample Description General PID Sample No. /6" Recovery (ppm) Grade (in.) Value Descript Interval 0-48 48/36 0 0-3" Asphalt 0-21" 0.0 3-21" Grayish brown 5YR 3/2 to brownish black 5YR 2/1, damp, SILT, some fine to coarse gravel (angular to subrounded), little fine to coarse sand 21-28" Moderate yellowish brown 10YR 6/2, damp to 21-28" 0.0 wet, SILT, little fine sand, trace fine gravel (subangular) 28-39" Pale yellowish brown 10YR 6/2, damp, coarse 28-39" 0.9 to fine SAND and GRAVEL (subrounded to angular) trace slag 48 2 48-96 48/44 Pale vellowish brown 10YR 6/2, damp, coarse 48-72" 3.6 to fine SAND and GRAVEL (subrounded to angular). 72-92" 0.2 trace slag 6 96-144 48/42 Pale yellowish brown 10YR 6/2 to moderate brown 96-120* 0.2 5YR 4/4, damp, coarse SAND and fine GRAVEL (subrounded to angular), some medium to coarse 120-138" 0.3 gravel, little medium to fine sand

s: The soil bonng was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG REPORT OF BORING Cerian & Gereiene Neiners and SB-045 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: Incorporated Facility Hammer: . Loc: Hicksville, NY Start Date: 7/14/99 Fall: NA ∡ No.: 5816.009 End Date: 7/14/99 Boring Company: Environmental Probing Investigations, Inc. \ Grout Screen = Foreman: Martin Pepper Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 Bentonite OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** "N" Below Depth Blows Penetr/ Sample Description General Sample PID Grade No. (in.) /6" Recovery Value Descript Interval (ppm) 0-48 48/36 0 - 3" Asphalt Dark yellowish brown 10YR 4/2 to grayish brown 0 - 18" 3.2 5YR 3/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular) 18 - 36* 15.1 48 - 70" Dark yellowish brown 10YR 4/2 to grayish 48 48-96 48/40 48 - 70° 210 brown 5YR 3/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular) 70 - 74" Dark greenish yellow 10Y 6/6, damp, 70 - 78" SILT (like), little clay (waste) 74 - 78" Yellowish gray 5Y 7/2 to pale greenish yellow 79 - 88" 810.0 10Y 8/2, saturated, SILT, some clay (like material), little coarse sand and fine gravel 78 - 88 NL 96-144 48/42 96 - 100" Yellowish gray 5Y 7/2 to dark greenish 69 - 100° 3 yellow 10Y 6/6, SILF (like), little fine gravel (subangular) - fall in? 100 - 138" Pale yellowish brown 10YR 6/2 to very 100 - 138" 650 pale orange 10YR 8/2, damp to saturated, SILT and fine GRAVEL (angular), little medium to coarse sand, trace medium gravel (subangular) 144 144-192 48/39 144 - 163" 580 144 - 163" Pale yellowish brown 10YR 6/2 to very pale orange 10YR 8/2, damp to saturated, SILT and fine 163 - 183" GRAVEL (angular), little medium to coarse sand, 170 trace medium gravel (subangular) 163 - 183" Grayish brown 5YR 3/2, saturated, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular), little clay 192 5 192-240 48/30 Moderate yellowish brown 10YR 5/4 to pale yellowish 192 - 202" 7.5 brown 10YR 6/2, damp, fine to coarse SAND and GRAVEL (subrounded to angular) 202 - 212" 212 - 222" 1.3 Notes: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG REPORT OF BORING ल्याहराम् स्टेब्नियमाम् अस्ति। सम्बद्धाः **SB-046** Client: GTE Operations Support Incorporated Drill Method: Page 1 of 1 Geoprobe Former Sylvania Electric Products Sampler: 2-inch acetate core Location: Incorporated Facility Hammer: i. Loc: Hicksville, NY Start Date: 7/14/99 Fall: NA End Date: 7/14/99 ₃ No.: 5816.009 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Martin Pepper Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7/ **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** Depth Blows "N" Sample Description Below Penetr/ General Sample PID Grade No. (in.) /6" Recovery Value Descript Interval (ppm) 0 0-48 48/42 0 to 3" Asphalt 3 - 12" Grayish brown 5YR 3/2 to grayish black N2, 0 - 24" 2.1 damp, SILT, some fine to coarse sand and gravel, little slag 24 - 42" 12 - 30" Moderate yellowish brown 10YR 5/4, damp, 0.6 SILT and fine SAND, little fine to coarse gravel (subrounded to angular) 30 - 42" Pale yellowish brown 10YR 6/2, damp, fine to coarse SAND and GRAVEL (subrounded to angular) 48 48-96 48/46" Pale yellowish brown 10YR 6/2, damp, fine to coarse 48 - 72" 1.1 SAND and GRAVEL (subrounded to angular) 72 - 94" 0.2 48/42" 96 - 120* 0.1 õ 3 96-144 Pale yellowish brown 10YR 6/2 to dark yellowish orange 10YR 6/6, damp, fine to coarse SAND and 120 - 144" 0.0 GRAVEL (subrounded to angular)

Notes: The soil boring was backfilled with soil cuttings and bentonite chips.

						TES1	BORING LOG	REPO	RT OF B	ORING	}
9 BR	EW	GER	FENE	NEERS	ING.		•		SB-0	47	
_	Forn	ner Sylv	ania Ele d Facilit	ipport Inco ectric Prod ty		Drill Method: Sampler: Hammer:	Geoprobe 2-inch acetate core NA	Page 1 of Location: Start Date			
, No	.: 58	16.009				Fall:	NA	End Date			
Forema Drill Ri	n: M g: Ge	lartin Po eoprobe	epper	cane Dual S	•	stigations, Inc. System)		Screen Riser Steel	- FE	Benton	ite
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value		ple Description	Stratum Change General Descript	Sample Interval	Field Testi PID (ppm)	
0	1	0-48		48/24		0 - 3" Asphalt			0-12"	2.1	
						black N2, damp, fin	th brown 10YR 6/2 to grayish e to coarse SAND and GRAVEL ded) some silt, little asphalt/ lag fragments		12-24*	75	
48	2	48-96	-	48/42	4	damp, fine to coarse	vn 10 YR 6/2 to grayish black N2, SAND and GRAVEL (angular to	·	48 - 72"	17	
						subrounded) some si and slag fragments	ilt, little asphalt/concrete/brick		72 - 90"	53	
							rrange 10YR 6/6, fine to coarse L (subrounded to angular)				
96	3	96-136		48/40			n 10YR 6/2, to dark yellowish		96-116"	7.5	
						GRAVEL (subround	led to angular)		116 - 136*	1.2	
					···						
					-		•				
The	e soil b	oring was	backfilled	with soil cutting	igs and beni	tonite chips.		<u> </u>			

OBRIEND GEREIENGINEERSEING **SB-048** Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: NA i. Loc: Hicksville, NY Start Date: 7/14/99 → No.: 5816.009 Fall: NA End Date: 7/14/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ |Grout Foreman: Martin Pepper Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7/ **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** Depth Blows "N" Below Penetr/ Sample Description General Sample PID Grade No. (in.) /6" Recovery Value Descript Interval (ppm) 0 0-48 48/24 0 - 3" Asphalt 0 - 12" 3 - 24" Moderate yellowish brown 10YR 5/4 to dark 12-24" 3.4 yellowish brown 10YR 4/2, damp, SILT and fine SAND. some fine to coarse gravel (subrounded to angular) little medium to coarse sand 48 48-96 48/36 2 48 - 76" Pale yellowish brown 10YR 6/2 to moderate 48 - 66" 7.2 yellowish brown 10YR 5/4, damp, fine to coarse SAND and GRAVEL (Subrounded to angular) 66 - 76* 0.6 76 - 84", grayish brown 5YR 3/2, damp to wet, SILT and fine SAND little fine gravel (subangular) 76 - 80* 10.6 96 3 96-144 48/18 96 - 114" Pale yellowish brown 10YR 6/2 to moderate 96 - 114" 8.1 yellowish brown 10YR 5/4, damp, fine to coarse SAND and GRAVEL (Subrounded to angular). 3: The soil bonng was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING

						TES	T BORING LOG	REPO	RT OF E	BORING	}
OBR	EW	SEER	EENG	INEERS	ING S				SB-0		
	Forn Inco	ner Sylv rporate	/ania El d Facili	ipport Inco ectric Prod ty	porated ucts	Drill Method: Sampler: Hammer:	Geoprobe 2-inch acetate core NA	Page 1 of Location			
, No	.: 58	licksvill 16.009	·			Fall:	NA	End Date			
Forema Drill Ri	an: N g: G	lartin Po eoprobe	epper	cane Dual S	_	stigations, Inc. System)		Screen Riser Steel	100	Grout Sand Pa Benton	
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value		nple Description	Stratum Change General Descript	Sample Interval		_
0	1	0-48	-	48/32		0 - 3" Asphalt	•		0 - 16"	42	
							wn 5YR 3/2 to grayish black N2, coarse sand and gravel, little I brick fragments		16 - 32"	110	
48	2	48-96		48/24	-		R 3/4 to pale yellowish brown parse SAND, some fine to coarse to angular)		48 - 72"	41	
96	3	96-144	-	48/33	-		m 10YR 6/2 to moderate yellowish imp, fine to coarse SAND and		96 - 110"	114	
						GRAVEL (subround			110 - 129"	360	
144	4	144-156		12/12			m 10YR 6/2 to moderate yellowish imp, fine to coarse SAND and ded to angular)		144 - 156"	420	
											:
									•		!
:Th	e soil t	oring was	s Dackfilled	d with soil cutti	ngs and ben	tonite chips.					

						TEST BORING LOG	REPO	ORT OF	BORING
	2,524,147.4			शिववार				SB-	049B
	Forn	ner Sylv	rania Ele d Facili	ipport Incoi ectric Prodi ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location Start Da		•
		16.009				Fall: NA		e: 7/15/99	
Forema Drill Ri	n: P g: Ge	aul Bar	kalow	cane Dual S	_	stigations, Inc. System)	Screen Riser Steel		Grout Sand Pack Bentonite
Depth Below Grade	No.	(in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
192	1	192-216*	_	48/48		Top 1.5 to 2 0 caved in (192-216)		192 - 216°	NL
216		216-240		48/24		216 - 240" Dark yellowish orange 10YR 6/6 to pale yellowish brown '10YR 6/2, damp, coarse to fine SAND, some fiune to coarse gravel (subrounded to angular), little coarse 'gravel		216 - 240*	4.5
								·	
-1,					-				
			•						
			· ·					•	
						•			
3: Th	e soil b	onng was	backfilled	with soil cutting	gs and bent	onite chips.			

			150.00			TEST BORING LOG	REPO	ORT OF	BORII	NG
(६५६)	ENZ	IGER	EENG	派主政务	ING			SB-	050	
	Forn	ner Sylv rporate	ania Ele d Facili	pport Incor ectric Prode ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o	ı:		
		licksvill 16.009	e, NY		•	Fall: NA		te: 7/14/99 e: 7/14/99		
Boring Forema Drill Ri	Com an: M g: Ge	pany: I lartin Po eoprobe	epper	cane Dual S	_	stigations, Inc. System)	Screen Riser Steel	= \	Grout Sand I Bento	Pack
Depth Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval		ting
0	1	0-48	_	48/41		0 - 3" Asphalt				
						3 - 29" grayish brown 5 YR 3/2, to grayish black N2, damp SILT and fine SAND, some fine to coarse gravel (sub-		0 - 29"	21.5	
						rounded to angular) little medium to coarse sand, trace slag and asphalt fragments		29 - 41*	10.9	
	•					29 - 41" Pale yellowish brown 10YR 6/2, damp, fine SAND, some little medium to coarse sand, fine to coarse gravel (subrounded to angular)				
48	2	48-96	-	48/42	-	Pale yellowish brown (10YR 6/2 to moderate yellowish 10YR 5/4, damp, fine to coarse SAND, some fine to		48 - 72*	140	
					-	coarse gravel (subrounded to angular)		·72 - 90"	310	
96	3	96-144	-	48/42	-	Moderate yellowish brown 10YR 5/4 to pale yellowish brown 10YR 6/2, damp, coarse to fine SAND and		96 - 120° 120 - 138°	215	
/·· <u>`</u>						GRAVEL (subrounded to angular)			370	
,44	4	144-156	-	12/12	-	Moderate yellowish brown 10YR 5/4 to pale yellowish brown 10YR 6/2, damp, coarse to fine SAND and GRAVEL (subrounded to angular)		144-156*	170	
						}				
;: Tr 	ne soil t	oring was	s backfille	d with soil cutti	ngs and ben	tonite chips.				

<u>्र</u>	阿爾	ZGER	EENG	(NEBRS)	ا ادعال	TEST BORING LOG.	REPO	RT OF I	BORING 51
j. Lo e No Boring Forema Drill Ri	Forning Fornin	ner Sylv rporate licksvill 16.009 pany: I aul Bar eoprobe	vania El d Facili e, NY Environ kalow	mental Pro	ucts bing Inve	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA Fall: NA stigations, Inc. System)	Page 1 o Location Start Date End Date Screen Riser Steel	: e: 7/14/99 :: 7/14/99	Grout Sand Pac Bentonite
Depth Below Grade	No.	(in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample interval	Field Testing PID (ppm)
0	1	0-48	-	48/42		0 - 3" Asphalt Grayish brown 5YR 3/2, damp, SILT, some fine to coarse sand and gravel, trace slag and brick fragments to '30" 30 - 42" Moderate yellowish brown 10YR 5/4, damp, SILT and fine SAND, some fine to coarse gravel (subrounded to angular), little medium to coarse sand, trace organic matter		0 - 30" 30 -42"	0.1
48	2	48-96		48/42		Pale yellowish brown 10YR 6/2 to moderate yellowish brown 10YR 5/4, damp, coarse to fine SAND, some fine to coarse gravel (subrounded to angular)		48 - 72* 72 - 84* 84 - 90*	0.2 0.1 0.3
s: The	e soil b	oning was	backfilled	with soil cuttin	ngs and bent	onite chips.			

STATE OF	7	1				TEST BORING LOG	REPO	RT OF I	BORING
OBR	ENX	GER	EENG	INEERS!	il\i€≎.	•		SB-0	52
				pport Inco		Drill Method: Geoprobe	Page 1 of		
	Form	ier Sylv	ania Ele	ectric Prod		Sampler: 2-inch acetate core	Location		
		rporate: icksvill	d Facilit	ty		Hammer: NA	Start Date	7/4 <i>E/</i> 00	
		16.009	e, Ni			Fall: NA	End Date		
Boring	Com	pany: E		mental Pro	bing Inve	stigations, Inc.	Screen	= \	Grout
		aul Bari		D 10		• •	Riser		Sand Pack
ORG G	g: Ge enloc	eoprobe	e (Hurrid lawn O'l	cane Dual S Dell	ampling	System)	Steel	//	Bentonite
	30108	1				T	Stratum	· · · · · · · · · · · · · · · · · · ·	Field
Depth			<u> </u>				Change		Testing
Below	Al-		Blows /6"		"N"	Sample Description	General	Sample	PID
Grade 0	No.	(in.) 0-48	76	Recovery 48/42	Value	0-3 " Asphalt	Descript	interval	(ppm)
		040		70.72		-5 rispinate			
						3 - 23" Grayish brown 5YR 3/2 to grayish black N2,		0-23*	0.0
						damp, SILT, some fine to coarse sand and gravel,			
						little concrete/coal/slag fragments			
	·					23 - 39" Moderate yellowish brown 10YR 5/4, damp,		23 - 42*	0.2
						SILT and fine SAND, little fine gravel (subrounded to			
						subangular)		:	
						39 - 42" Dark yellowish orange 10YR 6/6, damp, fine			
						to medium SAND, little coarse sand, trace fine gravel			
						(subangular)			
									
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			-20-0-0-17-1	INFERS					SB-0		
	Forn Inco	ner Sylv	/ania El d Facili	ipport Inco ectric Prod ty	rporated ucts	Drill Method: Sampler: Hammer:	Geoprobe 2-inch acetate core NA	Page 1 o	:		
e No	.: 58	16.009	•			Fall:	NA	End Date			
Forema Drill Ri	an: P g: Ge	aul Bar coprobe	kalow	cane Dual S	-	estigations, Inc. System)		Screen Riser Steel		Grout Sand F Bentoi	Pack
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value		nple Description	Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)	
		0-48		48/48		damp, SILT, some fi (subrounded to angu brick/concrete fragm 40 - 48" Pale yellow	ish brown 10YR 6/2, damp, edium to coarse sand, little fine to		0 - 12" 12-24" 24-48"	1.6 0.8 2.1	
ıs: The	e soil h	oring was	backfilled	with soil cutting	os and hen	tonite chins					
~. 111		y #a3	Jewninet.	son catal	.go ana Den	wille ellps.					

©শ্বান্যুদ্ধ লেল্ফ: লেগ্ডোগ্রাল্টন্ট নুগ্ <u>র</u>						TEST BORING LOG	REPORT OF BORING SB-054			
Former Sylvania Electric Products Incorporated Facility Loc: Hicksville, NY						Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA Fall: NA	Page 1 of 1 Location: Start Date: 7/15/99 End Date: 7/15/99 Screen = \ Grout Riser Sand Pack Steel 7/ Bentonite			
						•				
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	i	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)	
0	1	0-48		48/42		Moderate yellowish brown 10YR 5/4, to grayish black N2, damp SILT, some fine to coarse SAND and GRAVEL (subrounded to angular), little asphalt,		0 - 24" 24 - 42"	1.2 9.6	
48	2	48-96	- ·	48/36	-	slag fragments Grayish black N2, damp to wet SILT, fine to coarse SAND and GRAVEL (subrounded to angular), little		48 - 72"	32.1	
96	3	96-120	-	24/24	-	brick/slag/asphalt/ glass fragments Grayish black N2, damp, SILT, some fine to coarse SAND, some coarse to fine GRAVEL (subrounded to angular), little concrete/glass fragments		72 - 84* 96 - 120*	31.6 22.1	
·]										
						·				
								•		
						·				
	e soil b	onno was	backfille	d with soil cutti	ngs and bent	onite chips				

		and the second	7			TEST BORING LOG	REPO	RT OF B	ORING	•
				NEEPS				SB-05	55	_
Client: GTE Operations Support Incorporated Former Sylvania Electric Products Incorporated Facility Loc: Hicksville, NY Jo.: 5816.009						Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA Fall: NA	Page 1 of Location: Start Date	e: 7/15/99		_
			nviron	mental Pro	bina Inve		End Date		Grout	
Boring Company: Environmental Probing Investorement Martin Pepper							Screen = \ Grout			ack
Drill Rig: Geoprobe (Hurricane Dual Sampling & OBG Geologist: Chawn O'Dell						System)	Steel 7/ Bentonite			
OBG G	eolog	ist: Ch	iawn O'	Dell	r					
Depth							Stratum Change		Field Test	
Below		Depth	Blows	Penetr/	"N"	Sample Description	General	Sample	PID	8
Grade	No.	(in.)	/6"	Recovery	Value	i i	Descript	Interval	(ppm)	
0	1	0-48		48/42	-	0-3 " Asphalt				
		1 				3 - 31" moderate yellowish brown 10YR 5/4 and		0 - 24"	1.3	
						brownish black 5YR 2/1, damp, fine to coarse		0-24	1.3	
						SAND and GRAVEL (subrounded to angular), little		24 - 42"	2.6	
			<u> </u>			silt, trace concrete/coal/slag fragments				
						31 - 42" pale yellowish brown 10YR 6/2, damp,				
					-	fine SAND, some fine to coarse gravel (subrounded				
						to angular), little medium to coarse sand				
48	2	48-96		48/46		Polo vellouist have 10VD CD as and James		40 701	امدا	
40		40-30	<u> </u>	40/40		Pale yellowish brown 10YR 6/2 to moderate yellowish brown 10YR 5/4, damp, fine to coarse		48 - 72"	1.3	
						SAND, some fine to coarse gravel (subrounded		72 - 94"	0.8	
						to angular)				
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Th	e soil b	onng was	backfilled	with soil cutting	ngs and ben	tonite chips.	<u>. </u>		<u>l</u>	
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					12.8 (12.0)	TEST BORING LOG	REPORT OF BORING				
				NEERS				SB-0	56		
P '-c	Form Incor oc: H	er Sylv porate icksvill	ania Ele d Facilit	pport Incor ectric Produ y	porated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA Fall: NA	Page 1 of 1 Location: Start Date: 7/15/99 End Date: 7/15/99				
Poring	Com	16.009	nviron	mental Prob	ning Inve	stigations, Inc.	Screen		Grout	-	
Forema Drill Rig	ın: M g: Ge	artin Pe oprobe	epper	ane Dual S			Riser Sand Pack Steel // Bentonite				
Depth Below			Blows		"N"	Sample Description	Stratum Change General	Sample	Field Testir PID		
Grade 0	No.	(in.) 0-48	/6"	Recovery 48/33	Value	0-3 " Asphalt	Descript	Interval	(ppm)		
	,	0-40	_	40/33		V-5 Asphalt					
						3 - 33" Moderate yellowish brown 10YR 5/4 to brownish black 5YR 2/1, damp, SILT, some fine to coarse sand and gravel, trace concrete fragments		0 - 33"	0.1		
48	2	48-96	-	48/48		Pale yellowish brown 10YR 6/2, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular)		48- 96*	0.0		
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ī 1	ne soil	bonng wa	s backfille	d with soil cutti	ngs and ber	ntonite chips.			. <u>. </u>		
							div82/project	s/5816.009/4_	_notes/sb-5(5	

every GTE Operations Support Incorporated						TEST BORING LOG	REPORT OF BORING					
						Deill Mathade Con-	SB-057					
Client: GTE Operations Support Incorporated Former Sylvania Electric Products Incorporated Facility						Drill Method: Geoprobe Sampler: 2-inch acetate co Hammer: NA	re	Page 1 of Location:				
No	.: 581	icksvill 16.009	-	mental Dro	ning Invo	Fall: NA stigations, Inc.	Start Date	7/15/99	(Consti			
Forema Drill Ri	an: P g: Ge	aul Bari coprobe	kalow	ane Dual S	_	•		Screen = \ \ Grot Grot Steel				
Depth Below Grade	No.	(in.)	Biows /6"	Recovery	"N" Value	Sample Description		Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)		
0	1	0-48	-	48/42	-	0-3 " Asphalt						
						3 - 12" Grayish brown 5YR 3/2, damp, fine SA some fine to coarse gravel (angular), little med to coarse sand, trace asphalt fragments			0 - 12"	0.0		
						12 - 18" grayish brown 5YR 3/2, damp, SILT, a fine sand, little fine gravel (angular)	some		12 - 27"	0.0	ı	
						18 - 27" moderate yellowish brown 10YR 5/4, damp to wet, fine SAND and SILT, little fine gravel (angular)			27 - 42"	0.0		
						27 - 42" pale yellowish brown 10YR 6/2, damp fine to coarse SAND and GRAVEL (subrounde angular)						
-~48	2	48-96	-	48/48	+	Pale yellowish brown 10YR 6/2 to moderate yellowish brown 10YR 5/4, damp, fine to coars	se		48 - 72"	0.0		
						SAND and GRAVEL (subrounded to angular)			72 - 96"	0.0		
									:			
								İ	į			
Th	ne soil b	oring was	backfilled	with soil cutti	ngs and ben	onite chips.						

	1					TEST	BORING LOG	REPO	RT OF B	ORING	
		400-10-12-12-12-12-12-12-12-12-12-12-12-12-12-		INFERE					SB-0		
	Form	ner Sylv rporate	ania Ele d Facilit	pport Incor ectric Prodi ty	porated ucts	Drill Method: Sampler: Hammer:	Geoprobe 2-inch acetate core NA	Page 1 of Location:			
F 40	.: 58	icksvill 16.009	•			Fall:	NA	Start Date:	7/15/99		
Forema Drill Ri	an: P g: Ge	aul Bar coprobe	kalow	cane Dual S	-	stigations, Inc. System)		Screen Riser Steel			
Depth Below Grade		Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value		ple Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)	
0	1	0-48	-	48/42		0 - 3" Asphalt			0 - 3"	0.0	
						3 - 12" Grayish brow fine to coarse gravel	wn 5YR 3/2, damp, SILT, some l (angular)		3 - 12"	0.0	
							wish brown 10YR 4/2, damp, SILT, e fine gravel (angular)		12 -24"	0.0	
						24 - 35" Dark yellov SILT, some fine san	vish orange 10YR 6/6, damp, d		24 - 35*	0.0	
						to coarse SAND and	rish brown 10YR 6/2, damp, fine GRAVEL (subrounded to	:	35 - 42"	0.1	
						angular)				*	
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	2.55:11		had Elle	d nath and nate	ann and be-	Manita chica	,				
V [1	ie soli t	oring was	s Dackfille	d with soil cutti	ngs and ber	понце спірѕ.		div82/project	s/5816.009/4_	_notes/sb-58	

NAR.		STOLER		ร์เรเ≘=ะเร	ivas:	TEST BORING LOG	REP	ORT OF		NG
Client:	BRIENIE GEREENGINEERS IN CAR ient: GTE Operations Support Incorporated Former Sylvania Electric Products Incorporated Facility Loc: Hicksville, NY No.: 5816.009					Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 Locatio		59	
ok.	.: 58 Com	16.009 pany: i	Environ	mental Pro	bing Inve	Fall: NA stigations, Inc.			Grout	
Drill Ri	g: Ge	oprobe		cane Dual S Dell	ampling	System)	Steel	1 1 275	Bento	
Depth Below Grade	No.	(in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descrip	Sample	Fiel Test PID (ppm)	ting
0	1	0-48	- -	48/42	-	0-3 " Asphalt				
						3 - 36" Dark yellowish brown 10YR 4/2 to grayish brown 5YR 3/2, damp, SILT, some fine to coarse, sand little fine to coarse gravel (subrounded to angular)		0 - 24° 24 - 42°	1.1	
								24 - 42	0.9	
			<u> </u>			36 - 42" Moderate yellowish brown 10YR 5/4, damp, fine to coarse SAND, some fine to coarse				
						gravel (subrounded to angular)				
48	2	48 - 96		48/48	-	Dark yellowish orange 10YR 6/6, to pale yellowish brown 10YR 6/2, damp, fine to coarse SAND,		48 - 72"	2.9	
						some fine to medium gravel (subrounded to angular), little coarse gravel		72 - 96*	0.0	
96	3	96-120	-	24/24		Dark yellowish orange 10YR 6/6 to pale yellowish brown 10YR 6/2, damp, coarse to fine SAND,		96 - 120"	0.0	
ŧ. ~						some fine to medium gravel (subrounded to angular), little coarse gravel				
120	4	120-144		24/24	-	Dark yellowish orange 10YR 6/6 to pale yellowish brown 10YR 6/2, damp, coarse to fine SAND,		120 - 144"	0.0	
						some fine to medium grave! (subrounded to angular), little coarse grave!				
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1136	. 3011 D	oning was	Dackilled	with soil cuttin	ys and bent	orne crips.				

Client: GTE Operations Support Incorporated								SB-06	60	
Client:	GTE	Operat	ions Su	ipport Inco ectric Prod	rporated	Drill Method: Geoprobe	Page 1 of	1		
	Incom	roorate	d Facili	ecuic Prod h	ucis	Sampler: 2-inch acetate core Hammer: NA	Location:			
P '.		icksvill		-,		HA	Start Date	. 7/16/00		
lF. ⊿o	.: 58'	16.009	-			Fall: NA	End Date:			
Boring	Com	pany: E	Environ	mental Pro	bing Inve	stigations, Inc.	Screen		Grout	
Forema	ın: P	aul Bari	kalow				Riser		J	ack
Drill Ri	g: Ge	oprobe	(Hurric	cane Dual S	ampling	System)	Steel	11	Bento	
OBG G	60108	list: Ch	awn O'	Dell	 	r			- -	
Depth							Stratum Change		Fiel	
Below		Depth	Blows	Penetr/	"N"	Sample Description	General	Sample	Test	ung I
Grade	No.	(in.)	/6"	Recovery	Value		Descript	Interval	(ppm)	
0	1	0-48	-	48/40	-	0-3 " Asphalt	<u> </u>		<u> </u>	
			ļ							
						3 - 21" Grayish brown 5YR 3/2, damp, SILT, some		0 - 21"	0.0	
						fine to medium gravel (subrounded to angular), little medium to coarse sand				
						should to coarse sally	j j			
						21 - 40" Dark yellowish orange 10YR 6/6, damp,		21 - 40"	0.0	
						SILT, some fine to coarse sand, little fine to				
						coarse gravel (subrounded to angular)				
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⊼ 1	e soil b	onng was	backfilled	with soil cutting	ngs and bent	tonite chips.	<u> </u>		<u></u>	-
							div82/projects	/5816.009/4_r	notes/sb-6	50

OBRI	EN 8	GER	EENG	INEERS:	ING			SB-06	31	
Client:	Form	ner Sylv		pport Incor ectric Prod tv		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location	1		
F '		icksvill		-7			Start Dat	e: 7/16/99		
F. 40	.: 58°	16.009	•			Fall: NA	End Date			
				mental Pro	bing Inve	stigations, Inc.	Screen		Grout	
		aul Bar		ana Dual S		Sunda \	Riser		Sand P	ack
			awn O'	cane Dual S	ampung	System)	Steel	11 27	Benton	iite
Depth Below	20108		Blows		"N"	Sample Description	Stratum Change General	Sample	Field Test	
Grade	No.	(in.)	/6"	Recovery	Value	• • • • • • • • • • • • • • • • • • • •	Descript		(ppm)	
0	1	0-48	-	48/42	-	0-3 " Asphalt			· · · · · · ·	
			ļ			3 - 18" Grayish brown 5YR 3/2, damp, SILT, some		0 - 18"	0.0	
						fine to coarse gravel (angular to subrounded),				
						little fine to coarse sand				
						18 - 40" Dark yellowish orange 10YR 6/6, damp, SILT		18 - 40"	0.1	
						and fine SAND, some fine to medium gravel,		10 - 40	"'	
						little medium to coarse sand				
						40 - 42" pale yellowish brown 10YR 6/2, fine to coarse	1			
		_				SAND some fine to medium gravel (subrounded to				
						angular)			i	
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<u> </u> di 4	9 501 5	MODEO HOS	hackfile	with soil cutting	nge and hos	onite chine	I			
e in	c 5011 D	oning was	Dackille	ı wıuı son cumi	iyə allu beni	one dups.				
							div99/!	h/E046 000/4	notes let	64
							uivoz/projec	ts/5816.009/4_	_notes/SD-	01

						TEST BORING LOG	REPO	ORT OF E	BORING	
				Mento				SB-0		
	Forr Inco	ner Sylv rporate	vania El d Facili	ipport Inco lectric Prod ty	rporated ucts	Drill Method: Geoprobe Sampler: 2-Inch acetate core Hammer: NA	Page 1 o			
, No	.: 58	licksvill 16.009				Fall: NA		te: 7/16/99 e: 7/16/99		
Drill Ri	an: P g: G	'aul Bar eoprobe	kalow	cane Dual S		stigations, Inc. System)	Screen Riser Steel	1	Grout Sand Pac Bentonite	
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)	
0	1	0-48	-	48/41		0-3 " Asphalt			(1-1-1-1)	_
						3 - 20" Grayish brown 5YR 3/2 to grayish black N2, damp, SILT, some fine to coarse SAND and		0 - 6"	0.0	
						GRAVEL (subrounded to angular), trace plastic/ Styrofoam/glass fragments		6 - 12"	0.0	
						20 - 41" Dark yellowish brown 10YR 6/2 to		12 - 18"	0.0	
						moderate yellowish brown 10YR 5/4, damp, fine to coarse SAND, some fine to medium gravel		18 - 24*	0.0	
						(subrounded to angular), little coarse gravel		24 - 41"	0.1	
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The	soil be	מחת איים	hackfilled	wath coil sufficient	no and beat	nute abuse				
1116	SUII DC	nniy was i	Daukiiiled	with soil cutting	ys and bento	жие спрѕ.		-		1
							div82/projects	5/5816.009/4_	notes/sb-62	

				MEERS	Y		SB-0	63		
Client:	Form	ner Sylv	lions St /ania El d Facili	ipport Inco ectric Prod tv	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o			
	oc: H	licksvill 16.009	e, NY					te: 7/19/99		
			Environ	mental Pro	hina Inve	Fall: NA		: 7/19/99	,	
Forema	an: N	lartin P	epper				Screen Riser		Grout Sand Pa	ck
Drill Ri OBG G	g: Go eolog	eoprobe gist: Ch	e (Hurrid nawn O'	cane Dual S Dell	ampling	System)	Steel		Bentonit	
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testin PID (ppm)	g
0	1	0-48	-	48/36		0-3 " Asphalt				
						3 - 36" Grayish brown 5YR 3/2 to grayish black N2, damp, SILT, some fine to coarse sand, some fine		0 - 18"	0.0	
						so coarse gravel (subrounded to angular), trace brick/concrete/slag fragments		18 - 56"	1.3	
4	2	48-96	-	48/24	_	Grayish brown 5YR 3/2, damp, fine to coarse SAND and GRAVEL (subrounded to angular), little concrete fragments		48 - 72*	1.6	
8	3	96-144	-	48/24		Brownish gray 5YR 4/1, damp, fine to coarse GRAVEL, some fine to coarse sand, little concrete fragments		96 - 120"	0.5	
12	4	144-192		48/48	-	Brownish gray 5YR 4/1, damp, fine to coarse GRAVEL, some fine to coarse sand, little concrete		168 - 192"	0.3	
Article.						fragments				
						163" - dark yellowish orange 10YR 6/6, damp, fine to coarse GRAVEL and SAND (subrounded to angular)				
The	soil be	onng was	backfilled	with soil cutting	gs and bent	onite chips.	<u> </u>		11	

REPORT OF BORING

	lient: GTE Operations Support Incorporate							SB-06	34	
Client:	ient: GTE Operations Support Incorporat Former Sylvania Electric Products Incorporated Facility					Drill Method: Geoprobe	Page 1 of			
1	Inco	rporate	d Facili	tv	ucis	Sampler: 2-inch acetate core Hammer: NA	Location:			
F L		licksvill		-,		173	Start Date	· 7/19/99		
		16.009				Fall: NA	End Date:			
				mental Pro	bing Inve	stigations, Inc.	Screen		Grout	
		lartin Po		cane Dual S	Sampling	System	Riser			
			awn O'		amping	Systemy	Steel	//	Bentor	nite
	<u> </u>	ĺ .			T		Stratum		Fiel	d
Depth				 			Change		Test	
Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	General	Sample	PID	
0	1	0-48	70	48/24°	value _	0-3 " Asphalt	Descript	Interval	(ppm)	
						100 Tuphan	1			
						3 - 24" Dark yellowish brown 10YR 4/2 to grayish		0 - 18"	2.1	
						brown 5YR 3/2, damp, SILT, some fine to coarse			l í	
			 			sand, little fine to coarse gravel (subrounded to angular), trace organic matter, trace clay		18 - 24"	3.6	
						angular), trace organic matter, trace cray				
48	2	48-96		48/12		Grayish brown 5YR 3/2, damp, fine to coarse		48 - 60"	9.5	
						SAND, some silt, little fine to coarse gravel (sub-				
						rounded to angular), trace clay, trace asphalt,				
						trace wood fragments				
96	3	96-132		36/12	-	Dusky brown 5YR 2/2, wet, coarse to fine SAND,		96 - 108"	5.3	
						some silt, little asphalt fragments, trace fine to				
						medium gravel (subrounded to angular)				
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N P	e soil b	onng was	backfilled	with soil cuttin	igs and bent	onite chips.	<u> </u>			
							div82/projects	/5816.009/4_r	notes/sb-6	4

						TEST BORING LOG	REPC	RT OF B	ORING
OBRIEN≪GEREENG NEERS IN € Client: GTE Operations Support Incorporate Former Sylvania Electric Products								SB-00	65
	Inco	ner Sylv rporate	∕ania El∉ d Facilii	ectric Prod	porated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o		
, 40	.: 58	licksvill 16.009	•			Fall: NA	Start Dat	e: 7/19/99 : 7/19/99	
Boring Forema	Com n: N	pany: I Iartin P	Environ epper	mental Pro	bing Inve	stigations, Inc.	Screen Riser	= \	Grout Sand Pack
Drill Ri OBG G	g: Ge eolog	eoprobe gist: Ch	Hurric	cane Dual S Dell	ampling	System)	Steel		Bentonite
Depth Below Grade	No.	Depth (in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48		48/36	-	0-3 " Asphalt			
						3 - 24" Dark yellowish brown 10YR 6/2, damp, SILT and fine SAND, some fine to coarse sand, little fine to medium gravel (subrounded to angular), trace coarse gravel		0 - 24*	0.0
						24 - 30" Dark yellowish orange 10YR 6/6, damp, SILT, some fine sand, little fine to coarse gravel (subrounded to angular)		24 -36"	0.0
						30 -36" Grayish orange 10YR 7/4, SILT, little fine sand, trace organic matter			
48	2	48-96		48/48	••	48 - 55" Dark yellowish orange 10YR 6/6, damp, SILT, some fine sand, little fine to medium		48 -72"	0.0
/^^\						gravel (subrounded to angular), trace organic matter		72 - 96"	0.0
						55 - 96" Pale yellowish brown 10YR 6/2 to grayish orange 10YR 7/4, damp, fine to medium SAND, some coarse sand to fine gravel, little medium to coarse gravel (subrounded to angular)			
144		96-144	-	48/39	-	Pale yellowish brown 10YR 6/2 to grayish orange		96 - 120°	0.0
						10YR 7/4, damp to medium SAND, some coarse sand to fine gravel, little medium to coarse gravel (subrounded to angular)		123 - 135"	0.0
						120" - pale yellowish brown to light brown 5YR 5/6, damp to wet SILT and fine SAND, little fine to medium gravel (subrounded to		`	
						angular) 127" - grayish orange 10YR 7/4 damp, coarse to fine SAND, some fine to coarse gravel (subrounded to angular)			
The	soil be	onng was	backfilled	with soil cutting	gs and bent	•	div82/projects	<u> </u> s/5816.009/4_	notes/sh-65

						TEST BORING LOG	REPO	RT OF B	ORING
				INFERS				SB-06	66
	Forn Inco	ner Sylv	⁄ania El d Facili	ipport Inco ectric Prod ty		Drill Method: Geoprobe Sampler: 2-Inch acetate core Hammer: NA	Page 1 of Location	•	
F. 4o	.: 58	16.009	•			Fall: NA	Start Date		
Forema Drill Ri	an: M g: Ge	lartin Po eoprobe	epper	cane Dual S	_	stigations, Inc. System)	Screen Riser Steel	= \	Grout Sand Pack Bentonite
Depth Below Grade	No.	Depth (in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48	-	48/26	-	0-3 " Asphalt			(F)/
	·					3 - 26" Grayish brown 5YR 3/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular), trace clay, trace slag		0 - 26°	0.7
48	2	48-96	-	48/24	-	48 - 57" Grayish brown 5YR 3/2, damp, fine to coarse SAND, some concrete fragments, little fine to coarse gravel (subrounded to angular)		48 - 57*	0.0
						57 - 68" Dark yellowish orange 10YR 6/6 to pale yellowish brown 10YR 6/2, SILT, some fine sand, little organic matter		57 - 72*	0.0
						63 - 72" Dusky brown 5YR 2/2, organic matter (PEAT)			
96	3	96-132		36/12	-	Pale yellowish brown 10YR 6/2, saturated, SILT and fine SAND, little organic matter, trace fine gravel		96 - 108*	0.0
i he	soil b	onng was	backfilled	with soil cuttir	ngs and bent	onite chips.		<u></u>	

						TEST BORING LOG	REPO	RT OF B	ORING	i
								SB-06		
	Forr Inco	ner Sylv rporate	vania El d Facili	upport Inco ectric Prod ty	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location			
1 40	.: 58	licksvill 16.009	·	montal Dro	hina Inva	Fall: NA stigations, Inc.	Start Date	: 7/19/99		
Forema	an: N	lartin P	epper				Screen Riser		Grout Sand P	ack
Drill Ri OBG G	g: G eolog	eoprobe gist: Ch	e (Hurrid nawn O'	cane Dual S 'Dell	Sampling	System)	Steel		Benton	
Depth							Stratum		Field	
Below		Depth	Blows	Penetr/	"N"	Sample Description	Change General	Sample	Testi PID	ng
Grade	No.	(in.)	/6"	Recovery	Value		Descript	Interval	(ppm)	
0	1	0-48	 -	48/45	-	0-3 " Asphalt				
						3 - 27" Dusky yellowish brown 10YR 2/2, damp,		0 - 24"	0.0	
						SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular)		24 - 48"	0.2	
						27 - 36" Dark yellowish brown 10YR 6/6, damp,				
						SILT and fine SAND, little organic matter, trace				
						fine to coarse gravel (subrounded to angular)				
						36 - 45" Pale yellowish brown 10YR 6/2, damp,				
						coarse to fine SAND, some fine to medium gravel, little coarse gravel (subrounded to angular)				
48	2	48 - 96		48/45					i[
		40-30		40/43		48 - 93" Pale yellowish brown 10YR 6/2 to dark yellowish brown 10YR 5/4, damp, fine to		48-72"	23.5	
, 5 ¹⁰ %						coarse SAND, some fine to coarse gravel (subrounded to angular)		72 - 88*	141	
						(corrections to migram)				
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, he	soil b	אביי טחחם	hackfilled	with soil cutting	ne and bent	onite chins				
110	. 5011 D	VIIII 11422	Sackilled	was son cutur	ys and Dent	ome alips.				
_							div82/projects	/5816.009/4_r	notes/sb-67	,

O E E	EM			ij) Hijiparesi		TEST	BORING LOG	REPO	RT OF B	
	GTE	Opera	tions Su	ipport Inco	rporated	Drill Method:		Page 1 of	SB-00	38
P	Inco	ner Syn rporate licksvill	d Facili	ectric Prod ty	ucts	Sampler: Hammer:	2-inch acetate core NA	Location:		
F. 10	.: 58	16.009	·	mental Pro	hing Inve	Fall: stigations, Inc.	NA	Start Date:	7/19/99	
Forema Drill Ri	an: N g: G	fartin Pe eoprobe	epper	cane Dual S				Screen Riser Steel		Grout Sand Pack Bentonite
Depth Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value		ple Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48	-	48/36	•	0-3 " Asphalt			0 - 18"	4.1
					•	5YR 3/2, damp, SIL	m 10YR 6/2, to grayish brown T, some fine to coarse sand ded to angular), little red e organic matter		18 - 36*	0.0
48	2	48-96		48/46	_	Moderate yellowish yellowish brown 101	brown 10YR 5/4 to pale (R 6/2, damp, fine SAND, some		48 - 54" 66 - 84" 84 - 94"	NL 0.0 0.0
						gravel (subrounded t	o angular)			0.0
- · · · · -										
N he	soil bo	oring was	backfilled	with soil cutting	gs and bento	onite chips.		<u> </u>		
								div82/projects/	5816.009/4_n	otes/sb-68

<u>िशासकार्यः स्टब्स्य स्ट</u> ालीप्रवास्यः । । १९						TEST BORING LOG	REPO	RT OF	BORING
								SB-(069
_	Forn Inco	ner Sylv	/ania El d Facili	ipport Incor ectric Prodi ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location		· · · · · · · · · · · · · · · · · · ·
No	.: 58	16.009	-			Fall: NA	End Date		
Forema Drill Ri	an: M g: Ge	lartin Po eoprobe	epper	cane Dual S	_	stigations, Inc. System)	Screen Riser Steel		Grout Sand Pack Bentonite
Depth Below Grade	No.	(in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	_1	0-48		48/24	-	0-3 " Asphalt			
_						Moderate brown 5YR 4/4 to brownish gray 5YR 4/1, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular), little concrete fragments		0 - 24"	0.1
48	2	48-96	-	48/30	-	Dark yellowish brown 10YR 4/2, to grayish brown 10YR 3/2, damp, SILT and fine SAND, some medium to coarse sand, little fine to coarse gravel (subrounded to angular), little concrete fragments		48 - 78"	0.0
96	3	96-144		48/48	-	Dark yellowish brown 10YR 4/2, to grayish brown 10YR 3/2, damp, SILT and fine SAND, some		96 - 120*	0.3
						medium to coarse sand, little fine to coarse gravel (subrounded to angular), little concrete fragments to approx. 120°, then dark yellowish orange		120 - 144"	0.1
Januaria						120 - 144" dark yellowish orange 10YR 6/6, fine SAND and SILT, some mediuim to coarse sand, little fine to coarse gravel (subrounded to angular)			
144	4	144-192	-	48/36	-	144 - 163" Grayish brown 5YR 3/2 to brownish black 5YR 2/1, damp, fine to coarse SAND, some fine to coarse gravel (broken to angular), little slag, wood and concrete fragments		144 - 168"	0.0
						168-180" Grayish orange 10YR 7/4, damp, coarse SAND and fine GRAVEL (subrounded to angular), some medium to coarse gravel, little medium to fine sand		168 - 180"	0.0
								· ·	
Th	e soil b	onng was	backfilled	with soil cutting	gs and bent	onite chips.	·	1	

						TEST BORING LOG	REPO	RT OF B	ORING
QBR	EN	EGER	EEN	INEERS	ING.			SB-0	
ŀ	Forr Inco	ner Sylv rporate	vania El d Facili	ipport Inco ectric Prod ty	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:	1	
F 10	.: 58	licksvill		montal Des		Fall: NA	Start Date	: 7/20/99	
Forem Drill Ri	an: N g: G	lartin P∈ eoprobe	epper	cane Dual S	bing Investion	-	Screen Riser Steel		Grout Sand Pac Bentonite
Depth Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48	-	48/42	-	0-3 " Asphalt			(PP)
						3 - 21" Grayish brown 5YR 3/2, damp, fine SAND, some medium to coarse sand, little fine to medium gravel (subrounded to angular), trace organic		0 - 21"	0.0
						matter		21 -42"	0.0
						21 - 35" Dark yellowish orange 10YR 6/6, damp, SILT, some fine sand, little fine to medium gravel (subrounded to angular) trace organic matter			
	-					35 - 42" Pale yellowish brown 10YR 6/2, fine to coarse SAND, little fine to coarse gravel (sub-			
						rounded to angular)			
48	2	48-96	-	48/48	-	Pale yellowish brown 10YR 6/2 to grayish orange 10YR 7/4, damp, fine to coarse SAND, some fine		48 - 72"	0.0
						to coarse gravel (subrounded to angular)		72 - 96"	0.0
						_			
						*			
			-					Í	
N he	soil be	oring was	backfilled	with soil cutting	gs and bentonite	chips.	<u>-</u>		
							div82/nmiecte	/5816 DDD/4 :	notocich 70

						TEST BORING LOG	REPO	RT OF	BORIN	IG
OBR	EM	AGER	EENG	INFERS	IN COMPANY			SB-	071	
Client:	Form	ner Sylv	iions Su /ania El d Facili	ipport Inco ectric Prod tv	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location			
F. o	oc: H .: 58	licksvill 16.009	e, NY	-		Fall: NA	Start Date)	
Boring	Com	pany: l lartin P	Environ	mental Pro	bing Investi	gations, Inc.	Screen	= 1	Grout	
Drill Ri	g: Ge	eoprobe		cane Dual S Dell	ampling Sy	stem)	Riser Steel		Sand F Bentor	
Depth							Stratum		Fiel	
Below		Depth	Blows	Penetr/	"N"	Sample Description	Change General	Sample	Test PID	ing
Grade	No.	(in.)	/6"	Recovery	Value		Descript	Interval		İ
0	1	0-48		48/30	-	0-3 " Asphalt				
-						3 - 30" Grayish brown 5YR 3/2, damp, fine SAND,		0 -18"		
		<u> </u>	 			some 'medium to coarse sand, little fine to coarse		18 - 30"	0.0 0.0	
						gravel (subrounded to angular)				
48	2	48 - 96	-	48/24		Pale brown 5YR 5/2 to grayish black N2, damp, fine		48 - 66"	1.2	
						to coarse SAND, some fine to coarse gravel (subrounded to angular), little silt		00 701		
						(Subrounced to angular), little slit		66 - 72"	1.1	
96	3	96-144	_	48/6		Grayish brown 5YR 3/2, damp, medium to coarse		96 - 144"	0.6	
						SAND, some fine to coarse gravel (subrounded to				
						angular), little silt to fine sand			1	
144	4	144-192	-	48/20	-	Very pale orange 10YR 8/2 to grayish brown		144 - 160"	27.1	
						5YR 3/2, damp, coarse SAND, some medium to fine				
6.71.	_					sand, little fine gravel (subangular)		160 - 166"	1.6	
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	-									
V h	e soil b	oring was	backfilled	with soil cuttin	gs and bentoni	te chips.	L			
							div82/projects	s/5816.009/	1 notes/si	-71

						TEST BORING LOG	REPO	RT OF E	BORING	— ;
0.8尺	EN	GER	BENG	NEERS:	ING.		1		71B	
Cilent:	Forn	Operat ner Sylv rporate	ions Su rania El d Facili	ipport incol ectric Prodi	rporated	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:	1		
F o	.: 58	licksvill 16.009	•			Fall: NA	Start Date			
Boring	Com	pany: I lartin Pe	Environ	mental Pro	bing investi	gations, Inc.	Screen	= \	Grout	_
Drill Ri	g: Ge	eoprobe		cane Dual S Dell	ampling Sy	vstem)	Riser Steel	77	Sand Pa Bentonit	
		,					Stratum		Field	
Depth Below		Denth	Blows	Penetr/	"N"	Sample Description	Change	0	Testin	g
Grade	No.		/6"	Recovery	Value	Sample Description	General Descript	Sample Interval	PID (ppm)	
0	1	0-48		48/36		0-3 " Asphalt		iiitoi vai	(PP)	
						3 - 33" Grayish brown 5YR 3/2 to dark yellowish		0.40		
		-				brown 10YR 4/2, fine to coarse SAND, some fine		0 -18"	0.0	
						to coarse gravel (subrounded to angular), little		18 - 36°	0.0	
					•	silt				
						33-36" Moderate yellowish brown 10YR 5/4, damp,				
						coarse SAND and fine GRAVEL, some medium				
						to fine sand, little medium to coarse gravel (subrounded to angular)				
			·			(Subtroutined to alignal)				
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Nr h	e soil b	onng was	backfilled	with soil cutting	gs and benton	ite chips.			<u>l</u>	
							div82/projects	/5816.009/4	_notes/sb-7	1B

Client: GTE Operations Support Incorporated Former Sylvaina Electric Products Incorporated Facility P '.oc: Hicksville, NY F. do.: 5816.009 Sampler: 2-inch acetate core Incorporated Facility P F. do.: 5816.009 Series of Standard					EINEERS		TEST BORING LOG		ORT OF B SB-0	
Boring Company: Environmental Probing Investigations, Inc. Foreman: Martin Pepper Drill Rig: Geoprobe (Hurricane Dual Sampling System) Depth Belows Grade No. (in.) /6" Recovery Value 0 1 0-48 - 48/40 - 0-3" Asphalt 3 - 40" Moderate yellowish brown 10YR 5/4 to brownish gray 5YR 4/1, damp, SILT, some fine to coarse gravel (subrounded to angular), trace clay, trace clay, trace slag/concrete fragments 48 2 48-60 - 12/12 - Grayish brown 5YR 3/2 to grayish black N2, damp, SILT, some fine to coarse gravel (subrounded to angular), little fine to coarse gravel (subrounded to angular), l	P 1	Forn Inco Loc: H o.: 58	mer Sylv orporate Hicksvill 816.009	vania El ed Facili le, NY	lectric Prod ity	lucts	Sampler: 2-inch acetate core Hammer: NA Fail: NA	Location: Start Date	: e: 7/20/99	
Below Grade No. (in.) Depth Grade (in.) Depth Grade No. (in.) Depth Grade No. (in.) Depth Grade No. (in.) Depth Grade No. (in.) Depth Grade No. (in.) Depth Grade No. (in.) Depth Grade No. (in.) Depth Grade No. (in.) Depth Grade No. (in.) Depth Grade No. (in.) Depth Grade Descript D	Boring Foren Drill R	g Com nan: N Rig: Go	pany: I Martin Pe eoprobe	'epper e (Hurric	cane Dual S		estigations, Inc.	Screen Riser	= \	Sand Pa
0 1 0-48 - 48/40 - 0 - 3" Asphalt 3 - 40" Moderate yellowish brown 10YR 5/4 to brownish gray 5YR 4/1, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular), trace clay, trace slag/concrete fragments 48 2 48-60 - 12/12 - Grayish brown 5YR 3/2 to grayish black N2, damp, SILT, some fine to coarse gravel (subrounded to angular), little fine to coarse gravel (subrounded to angular), little fine to coarse sand, trace clay No recovery NA Moderate yellowish brown 10YR 5/4, damp, fine to coarse SAND, some fine to coarse gravel (sub-	Below Grade	No.	(in.)		Recovery		<u> </u>	Change General		Testing PID
48 2 48-60 - 12/12 - Grayish brown 5YR 3/2 to grayish black N2, damp, SILT, some fine to coarse gravel (subrounded to angular), little fine to coarse sand, trace clay No recovery NA 72 4 72-96 - 24/6 - Moderate yellowish brown 10YR 5/4, damp, fine to coarse SAND, some fine to coarse gravel (sub-		1	0-48		48/40	-	3 - 40" Moderate yellowish brown 10YR 5/4 to brownish gray 5YR 4/1, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular), trace clay, trace slag/concrete		0 - 20"	0.0
72 4 72-96 - 24/6 - Moderate yellowish brown 10YR 5/4, damp, fine to coarse SAND, some fine to coarse gravel (sub-	48	2	48-60	-	12/12	-	Grayish brown 5YR 3/2 to grayish black N2, damp, SILT, some fine to coarse gravel (subrounded to		48 - 60"	0.9
coarse SAND, some fine to coarse gravel (sub-	60	3	60-72		12/0		No recovery		NA	
	72		72-96		24/6		coarse SAND, some fine to coarse gravel (sub-		72 - 78"	1.1

						TEST BORING LOG	REPC	RT OF B	ORING
OBR	EM	XGER	BENC	NEERS	New			SB-07	73
	Forn Inco	ner Sylv rporate	∕ania El∉ d Facili	ipport Incoi ectric Prodi ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location	:	
		licksvill 16.009	e, NY			Fall: NA	Start Dat	e: 7/20/99 :: 7/20/99	
Boring	Com	pany: I		mental Pro	bing Inve	stigations, Inc.	Screen	= 1	Grout
Drill Ri	g: G	lartin Pe eoprobe gist: Ch		ane Duai S Deli	ampling	System)	Riser Steel		Sand Paci Bentonite
Depth Below Grade	No.	Depth (in.)	Blows	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID
0	1	0-48	-	48/24	-	0 - 3" Asphalt	Descript	IIILEIVAI	(ppm)
						3 - 24" Moderate yellowish brown 10YR 3/4 to brownish black 5YR 2/1, damp, SILT, some fine to coarse sand and gravel, trace slag		0 - 24"	0.2
48	2	48-96		48/30	-	Dark yellowish orange 10YR 6/6 to grayish brown 5YR 3/2, damp to wet, SILT, some fine to coarse		48 - 60"	1.3
						sand, little fine to coarse gravel (subrounded to angular)		60 - 78"	1.8
96	3	96-144		48/30		Moderate yellowish brown 10YR 5/4 to pale yellowish brown 10YR 6/2, damp, coarse SAND, some fine to coarse gravel (subrounded to angular), little medium to coarse sand		96 - 126"	2.1
144	4	144-192		48/48		Moderate yellowish brown 10YR 5/4, damp, fine		144 - 168"	3.2
						to coarse SAND, some fine to coarse gravel (subrounded to angular)		168 - 192"	1.9
								į	
f Th	e soil t	onng was	backfilled	I with soil cuttin	ngs and ben	tonite chips.			
							div82/project	ts/5816.009/4_	_notes/sb-73

						TEST BORING LOG	REPO	RT OF B	ORING
	2244		THE PERSON NAMED IN COLUMN	MEERS	A STATE OF THE PARTY OF THE PAR			SB-07	74
' L	Forn Inco oc: H	ner Sylv	/ania Ele d Facilit	ipport Incoi ectric Prodi ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA Fall: NA	Page 1 of Location: Start Date End Date	e: 7/20/99	
Forem Drill Ri	an: M g: Ge	lartin Po eoprobe	epper	ane Dual S		stigations, Inc.	Screen Riser Steel	= \	Grout Sand Pacl Bentonite
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48	-	48/36		0-3" Asphalt 3-27" Grayish brown 5YR 3/2 to moderate yellowish brown 10YR 5/4, damp, fine SAND, some medium to coarse sand, little fine to coarse gravel (subrounded to angular) 27-36" Dusky brown 5YR 2/2, damp, SILT, some fine sand, little fine to coarse gravel (subrounded to angular), little medium to coarse sand		0-27* 27-36*	3.2
48	2	48-96	-	48/33		Dark yellowish orange 10YR 6/6 to grayish brown 5YR 3/2, damp, SILT, some fine to coarse sand,		48-60°	7.1
96	3	96-144		48/31		little fine to coarse gravel (subrounded to angular)		60-81"	7.6
	3	90-144		40/31	-	96-116" Dusky yellowish brown 10YR 2/2, damp to wet, SILT, little fine to coarse gravel (subrounded to angular), trace fine to coarse sand		96-116*	141.0
						116-127" Moderate yellowish brown 10YR 5/4, damp, coarse to fine SAND, some fine to coarse gravel (subrounded to angular)		116-127	137.0
144	4	144-192	-	48/48		Pale yellowish brown 10YR 6/2 to dark yellowish orange 10YR 6/6, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular)		144-168" 168-192"	101.0 145.0
i T	ne soil t	oonng was	backfilled	d with soil cutti	ngs and ben	tonite chips.			

						TEST BORING LOG	REPO	RT OF B	ORING
				WEEKS:			<u> </u>	SB-07	75
P '	Forn Inco oc: H	ner Sylv rporate licksvill	rania Ele d Facilit	ipport Incor ectric Prod ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location: Start Date		
		16.009				Fall: NA	End Date:	7/20/99	
Boring Forem:	Com	pany: t lartin Pe	=nviron:	mental Pro	bing Inve	stigations, Inc.	Screen		Grout
Drill Ri	g: Ge	oprobe		cane Dual S Dell	ampling a	System)	Riser Steel		Sand Paci Bentonite
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48		48/36	-	0-3" Asphalt		0-18"	0.1
						3-36" Moderate yellowish brown 10YR 5/4 to dusky brown 5YR 2/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (angular)		18-36*	3.1
48	2	48-96		48/18	-	Dark yellowish brown 10YR 4/2, damp, medium to coarse SAND, some fine to medium gravel		48-96"	75.0
						(subrounded to angular), little fine sand to silt, trace coarse gravel (angular)			
96	3	96-144		48/12		Grayish brown 5YR 3/2, damp, medium to coarse SAND, some fine to medium gravel (subrounded to angular), little fine sand to silt, trace coarse		96-144"	110.0
144	4	144-192		48/36		gravel (angular)			
_ ~ ` ` `		144-132		40/30		Moderate yellowish brown 10YR 5/4, to pale yellowish brown 10YR 6/2, fine SAND, some medium to coarse sand, little fine to coarse gravel (subrounded to		144-168 " 168-180 "	185.0 295.0
						angular)			
								i	
								:	
Nr 3	e soil b	onng was	backfilled	with soil cuttin	gs and bent	onite chips.			

				派目的				SB-07	76
	Forn Inco	ner Sylv rporate	∕ania El d Facili	ipport Inco ectric Prod ty	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:	1	
lF .⊀o	.: 58	icksvill 16.009	·			Fall: NA	Start Date End Date:		
Boring	Com	pany: l	Environ	mental Pro	bing Inve	stigations, Inc.	Screen		Grout
Forema	an: M	iartin Po	epper	nana Dual S	`!:	Contami	Riser		Sand Pac
OBG G	eolog	ist: Ch	awn O'	cane Dual S Dell	ampling	System)	Steel	7/	Bentonite
Depth Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48	-	48/36		0-3" Asphalt		0-18"	0.1
						3-36" Moderate yellowish brown 10YR 5/4 to grayish black N2, damp, fine SAND, some medium to coarse sand, little fine to coarse gravel (subrounded to angular)		18-36*	1.6
48	2	48-96	-	48/15	-	Dark yellowish brown 10YR 4/2, damp, fine to coarse SAND, some silt, little fine to coarse gravel (subrounded to angular)		48-63*	21.0
96	3	96-144	-	48/36		96-108" Dark yellowish brown 10YR 4/2, damp, fine to coarse SAND, some silt, little fine to coarse gravel (subrounded to angular)		96-108*	40.0
						108-132" Dark yellowish orange 10YR 6/6 to pale		108-132"	51.0
						yellowish brown 10YR 6/2, damp, coarse SAND and fine GRAVEL (subrounded to angular), some medium to fine sand, little coarse gravel			
- , ,, -	4	144-192		48/48		Pale yellowish brown 10YR 6/2, damp, fine to medium SAND, some coarse sand, little fine to coarse		144-168" 168-192"	115.0 150.0
						gravel (subrounded to angular)		100 102	100.0
									'
N h	e soil b	onng was	backfilled	with soil cutting	igs and bent	onite chips.			
		=				•			

REPORT OF BORING

ever)	ENIX	AGER	= ENE	เกลาะเรา		TEST	FBORING LOG	REPO	RT OF E		G
Client:	GTE Forn Inco	Operat ner Sylv rporate	ions Su ania Eld d Facilit	pport Incor	porated	Drill Method: Sampler: Hammer:	Geoprobe 2-inch acetate core NA	Page 1 of Location:	:	07.7	
F 10	.: 58	icksvill 16.009 pany: I		mental Pro	bing Inves	Fall:	NA	Start Date	: 7/20/99	(Central	
Forema Drill Rig	n: M g: Ge	artin Po coprobe	epper	ane Dual S		•		Screen Riser Steel		Grout Sand F Bento	
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value		nple Description	Stratum Change General Descript	Sample interval	Fiel Test PID (ppm)	_
0		0-48	-	48/33	-				0-33*	2.1	
48	2	48-96	-	48/18			n 5YR 3/2, damp, fine to coarse L (subrounded to angular), little silt		48-66"	2.7	
96	3	96-144	-	48/36	-		wn 5YR 3/2 to medium gray N4, oarse sand and gravel ilar)		96-126"	11.1	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						grayish black N2, da	vellowish brown 10YR 5/4 to mp to wet, SILT and fine SAND, gravel (subangular), trace and		126-132"	51.3	
144	4	144-192		48/36			wish brown 10YR 4/2, damp, fine ne silt, little fine to coarse gravel tlar)		144-156"	49.2	
						coarse SAND and fin	wish orange 10YR 6/6, damp, ne gravel (subrounded to angular) rse gravel, little medium to fine		156-180°	51.4	
					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
i h	e soil b	onng was	backfilled	with soil cutting	ngs and bent	onite chips.				1	

13.3						TEST BORING LOG	REPO	ORT OF E	BORING
				TIVEERS				SB-0	78
₽' `,	Forr Inco oc: F	ner Sylv rporate licksvill	∕ania El d Facili	ipport Inco ectric Prod ty	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location		
		16.009	Envison	montal Dec	bine leve	Fall: NA	End Date	e: 7/21/99	
Forema Drill Ri	an: M g: G	lartin P eoprobe	epper	cane Dual S		stigations, Inc. System)	Screen Riser Steel		Grout Sand Pack Bentonite
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48		48/38	-	0-3" Asphalt 3-38" Moderate yellowish brown 10YR 5/4 to grayish brown 5YR 3/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular), little concrete fragments near bottom 6" of sample		0-20" 20-38"	120.0 150.0
48	2	48-96		48/41	-	48-60" Moderate yellowish brown 10YR 5/4 to grayish brown 5YR 3/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular)		48-68°	190.0
						60-68" Light olive gray 5Y 6/1, damp, SILT, some fine sand. little fine to medium gravel (subrounded to angular)			
						68-89" Light brown 5YR 5/6, damp, fine to medium SAND, some coarse sand and fine gravel, little medium to coarse gravel (subrounded to angular)		68-89*	560.0
96	3	96-144	-	48/42		Light brown 5Y 5/6 to dark yellowish orange 10YR 6/6, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular)		96-126" 126-138"	360.0 140.0
144	4	144-192	-	48/45		Light brown 5Y 5/6 to dark yellowish orange 10YR 6/6, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular)		144-175* 175-189*	42.0 35.0
								į	
NC 6	soil b	onng was	backfilled	with soil cuttin	gs and bent	·	div82/project	s/5816.009/4_	_notes/sb-78

						TEST BORING LOG	REPO	RT OF E	BORING
			7 7 7 7]शिववस्क				SB-	079
•	Forn Inco	ner Sylv rporate	rania Ele d Facilit	ipport Inco ectric Prod ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:		
Fo	.: 58	licksvill 16.009	•			Fall: NA	Start Date:		
Forema Drill Ri	an: M g: G	lartin Po eoprobe	epper	cane Dual S	_	stigations, Inc. System)	Screen Riser Steel	= 1	Grout Sand Pac Bentonite
Depth Below Grade	No.		Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample	Field Testing PID
0	1	0-48	-	48/42	-	0-3" Asphalt	Descript	Interval 0-20"	(ppm) 7.6
					-	3-48" Grayish brown 5YR 3/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular), trace clay, concrete fragments 4-8" from sample bottom		20-42*	8.1
48	2	48-96	_	48/26	-	Black, olive, brown -multi-colored, wet, coarse SAND and fine GRAVEL (angular), little medium to coarse sand, trace medium to coarse gravel		48-72" 72-74"	16.2 18.1
96	3	96-144	-	48/18	-	96-104" Black, olive brown mult-colored, wet, coarse SAND and fine GRAVEL (angular), little medium to coarse sand, trace medium to coarse gravel		96-114"	17.0
						104-114" Medium GRAVEL (subangular to subrounded), little SILT and fine sand (multi-colored), wet-saturated			
	4	144-192		48/30	-	Grayish black N2 to brownish gray 5YR 4/1, saturated, medium GRAVEL, some fine to coarse sand, some medium to coarse gravel (subrounded to angular), trace silt, trace wood fragments		144-156" 162-174"	.22.0 31.0
192	5	192-216		24/0	-	Not recovered		192 - 216*	-
1	6	216-240	-	24/24	-	Moderate yellowish brown 10YR 5/4, damp to wet, coarse to medium SAND, little fine to coarse gravel (subrounded to angular)		222-240"	35.0
							·		
NC TO	e soil b	onng was	backfilled	with soil cutting	ngs and ben	tonite chips.	div82/projects	/5816.009/4	_notes/sb-79

2.2						TEST BORING LOG	REPC	RT OF I	BORING
OBR	EN	RIGER	EENC	iN⊟⊇:₹Ş	IVG			SB-0	080
Onent.	Form	ner Sylv rporate	/ania El d Facili	ectric Prod	porateu	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location		
ok 1	.: 58	licksvill 16.009	Ť			Fall: NA	Start Dat	e: 7/21/99 e: 7/21/99	
Boring	Com	pany: T lartin Po	Environ	mental Pro	bing Inve	stigations, Inc.	Screen	= 1	Grout
Drill Ri	g: G	eoprobe gist: Ch	Hurrice (Hurrice)	cane Dual S Dell	ampling	System)	Riser Steel		Sand Paci Bentonite
Depth							Stratum Change		Field Testing
Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	General Descript	Sample Interval	PID
0	1	0-48	_	48/44		0-3" Asphalt		0-24"	16.4
		 	!			3-48" Grayish brown 5YR 3/2 to dark yellowish brown		24-44*	105.0
		 	-	<u> </u>		10YR 4/2, damp, SILT, some fine to coarse sand and gravel (subrounded to angular), trace red brick			
						fragments			
48	2	48-96		48/42	-	Light brown 5YR 5/6 to dark yellowish orange		48-72"	35.0
						10YR 6/6, damp, fine SAND, some medium to coarse		72-90"	38.0
						sand, some fine to coarse gravel (subrounded to angular), little silt			
96	3	96-144		48/48		Light brown 5YR 5/6, to dark yellowish orange		96-120"	35.2
						10YR 6/6, damp, fine to coarse SAND, some fine		120-144"	38.5
	!	<u> </u>			-	to medium gravel (subrounded to angular), little coarse gravel			
						Coarse graver			
144	4	144-192	_	48/48		Dark yellowish orange 10YR 6/6, damp, fine SAND,		144-168"	22.0
٠, - "ممر						some medium to coarse sand, little fine to coarse	′	168-180"	26.0
						gravel (subrounded to angular)		180-192"	25.0
					· · · · · · · · · · · · · · · · · · ·				
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The	e soil b	oring was	backfilled	with soil cuttin	gs and bent	onite chips.	·	<u></u>	4,
							dıv82/project	s/5816.009/4	_notes/sb-80

	1					TEST BORING LOG	REPO	RT OF	RT OF BORING			
				INEERS,				SB-		-		
	For	: Operat mer Sylv orporate Hicksvill	vania El d Facili	ipport Inco ectric Prod ty	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location	:				
F. a	.: 58	16.009	·	montal Bro	hina Inva	Fall: NA estigations, Inc.	End Date		l			
Forem Drill Ri	an: N g: G	<i>l</i> lartin P	epper e (Hurric	cane Dual S			Screen Riser Steel			Frout Sand Pack Sentonite		
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Inteval	Field Testir PID (ppm)			
	1	0-48	-	48/36	<u>-</u>	0-3" Asphalt 3-48" Dark yellowish brown 10YR 4/2 to grayish brown 5YR 3/2, damp, fine to medium SAND, some medium to coarse sand and fine gravel (subrounded to angular), little medium to coarse gravel		0-18" 18-36"	0.1 0.2			
48	2	48-96		48/18	-	Moderate yellowish brown 10YR 5/4, damp, fine to coarse SAND, some fine to medium gravel (subrounded to angular), little silt		48-66 "	0.1			
96	3	96-144		48/36		Light brown 5YR 5/6, damp, coarse to fine SAND, some fine to coarse gravel (subrounded to angular)		96-120" 120-132"	0.0 0.3			
144	4	144-192		48/42	-	Dark yellowish orange 10YR 6/6, damp, coarse to fine SAND some fine to coarse gravel (subrounded to angular)		148-174" 174-186"	0.1 0.2			
VC :	soil h	Office Arms	hackfilled	with soil cutting	ne and has	palto chino				_		

						TEST BORING LOG	REPO	RT OF B	1/99 \ \ Grout Sand Pac					
				MEERS		······································			82					
r Lo	Form Incom c: H	ner Sylv	⁄ania El∉ d Facilit	ipport Inco ectric Prod ty		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA Fall: NA	Page 1 of Location: Start Date End Date:	: 7/21/99						
			nviron	mental Pro	bing Inve	estigations, Inc.	Screen		Grout					
Forema Drill Rig	ın: M g: Ge	artin Po coprobe	epper	cane Dual S	_	•	Riser Steel		Sand Pac Bentonite					
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)					
0	1	0-48	-	48/42		0-3" Asphalt		0-24*	21.2					
						3-42" Dark yellowish brown 10YR 4/2 to (27-33" dusky yellowish brown 10YR 2/2) damp, SILT and fine SAND, some fine to coarse sand, little fine to coarse gravel (subrounded to angular)		24-30" 30-42"	1.3 14.1					
48	2	48-96	-	48/48	-	48-54" Dark yellowish brown 10YR 4/2 to dusky yellowish brown 10YR 2/2, damp, SILT and fine SAND, some fine to coarse sand, little fine to coarse gravel (subrounded to angular)		48-54"	NL					
						54-62" Light olive gray 5Y 6/1, wet, SILT, some fine sand, little fine to coarse gravel (subrounded to angular)		54-62*	15.3					
						62-96" Light brown 5YR 5/6, fine to coarse SAND, little fine to coarse gravel (subrounded to angular)		62-96*	31.2					
***	3	96-144	-	48/48	-	96-118" Pale yellowish brown 10YR 6/2, damp, SILT, some fine sand		96-118"	35.6					
						118-144" Grayish orange 10YR 7/4, damp, fine SAND, some medium to corase sand, little fine to coarse gravel (subrounded to angular)		118-144"	41.2					
144	•	144-192	-	48/48		144-192" Grayish orange 10YR 7/4, damp, fine to coarse S some fine gravel (subangular), little medium to coarse gravel (subrounded to angular)		144 - 180" 180 - 192"	85.7 80.2					
The	soil b	oring was	packfilled	with soil cutting	ngs and ben	tonite chips.								

				NERS				SB-083		
Client:				pport Incor		Drill Method: Geoprobe	Page 1 of	1		
			⁄anıa Eid d Facilit	ectric Produ	ucts	Sampler: 2-inch acetate core Hammer: NA	Location:			
P L		icksvill		У		MA	Start Date	7/21/99		
		16.009	·, · · ·			Fall: NA	End Date:			
			nviron	mental Prol	bing Inve	stigations, Inc.	Screen	= \	Grout	
Forema	ın: M	artin Pe	epper				Riser		Sand Pack	
				ane Dual S	ampling s	System)	Steel	7/	Bentonite	
OBG G	eolog	list: Cn	awn O'	Dell		T	Stratum	· · · · · · · · · · · · · · · · · · ·	Field	
Depth							Change		Testing	
Below		Depth	Blows	Penetr/	"N"	Sample Description	General	Sample	PID	
Grade	No.	(in.)	/6"	Recovery	Value		Descript	Interval	(ppm)	
0	1	0-48	=	48/48	-	0-5 " Asphalt, 5-8" Gravel				
								0-24*	52.0	
						8-24" Grayish brown 5YR 3/2 to moderate yellow				
		ļ				brown 10YR 5/4 damp, fine to coarse SAND, some				
		ļ <u>.</u>				fine to coarse gravel (subrounded to angular)				
						24-48" Dusky brown 5YR 2/2 to moderate yellowish		24-48"	90.0	
					•	brown 10YR 5/4, damp, SILT, some fine sand, little		•		
		İ				fine to coarse gravel (subrounded to angular)				
]				
48	2	48-96		48/48	-	Moderate yellowish brown 10YR 5/4 to pale yellowish		48-72"	120.0	
						brown 10YR 6/2, damp, fine to coarse SAND, some		70.00	445.0	
		ļ				fine gravel (subangular), little medium to coarse gravel (subrounded to angular)		72-96"	145.0	
		ļ	 			graver (subrounded to angular)				
			 							
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N -	ne soil	bonna wa	s backfille	d with soil cutti	ngs and ben	tonite chips.	J	<u> </u>	-l	
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REPORT OF BORING

7113 Tr		XUED		ipport Inco	Tri Carre			2B-08	34	
Client:							Page 1 of			
ł				ectric Prod	ucts	Sampler: 2-inch acetate core	Location:	i I		
			d Facili	ty		Hammer: NA	1			
		licksvill	e, NY			i	Start Date	e: 7/21/99		
0، ۴	.: 58	16.009				Fall: NA	End Date:	: 7/21/99		
Boring	Com	pany: I	nviron	mental Pro	bing inve	stigations, Inc.	Screen	= 1	Grout	
		artin Po			_	•	Riser		Sand F	Pack
				cane Dual S	ampling !	System)	Steel		Bento	
OBG G	eoloc	ist: Ch	awn O'	Dell		- ,	0.00.		Donico	1110
	1	1	ī	1			Stratum		Fiel	
Depth				1				<u> </u>	Test	
Below		Donth	Blows	Penetr/	"N"	Sample Description	Change	C		ımg
	No.		/6"			Sample Description	General	Sample	PID	l
Grade		(in.)		Recovery	Value		Descript	Interval	(ppm)	
0	1	0-48	-	48/40		0-4 " Asphalt, 4-7" Gravel		ŀ		1
			ļ					0-24"	10.3	l
						7 - 40" Dark yellowish orange 10YR 6/6 to grayish				
		l				black N2, damp, SILT, some fine to coarse sand, little		24-40"	45.2	İ
						fine to coarse (subrounded to angular)				
							1			
84	2	48-96		48/48	•	Moderate yellowish brown 10YR 5/4 to pale yellowish	İ 📗	48-72"	28.1	
						brown 10YR 6/2, damp, fine to coarse SAND, some				
			1		-	fine to medium gravel (subrounded to angular), little		72-96"	39.4	
						coarse gravel				
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<u>_</u> N h			ha al-eu	1		l	l			
n h	e soil b	onng was	Dackfilled	d with soil cutting	igs and bent	onite chips.				
							div82/project	s/5816.009/4_i	notes/sb-	84

GVBRIEN® GEREIENGINEERS ING **SB-085** Client: GIE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: Loc: Hicksville, NY Start Date: 7/21/99 No.: 5816.009 Fall: NA End Date: 7/21/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Martin Pepper Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** Below Depth Blows Penetr/ "N" Sample Description General Sample PID Grade No. (in.) /6" Recovery Value Descript Interval (ppm) 0 0-48 48/43 0-3 " Asphalt, 3-6" Gravel 0-33" 1.9 6-33" Pale yellowish brown 10YR 6/2 to dusky brown 5YR 2/2, damp, SILT, some fine to coarse SAND and GRAVEL (subrounded to angular), trace slag 33-43" Dark yellowish orange 10YR 6/6, SILT and fine 33-43" 17.5 SAND, little medium to coarse sand, trace fine gravel (subangular) 48-96 84 2 48/43 Pale yellowish brown 10YR 6/2 to grayish orange 48-72" 28.0 10YR 7/4, damp, fine to medium SAND, some 72-91" 31.0 coarse sand and fine gravel (subrounded to angular) 96 96-132 3 36/36 Pale yellowish brown 10YR 6/2 to grayish orange 96-120" 27.0 10YR 7/4, damp, fine to medium SAND, some 120-132 29.0 coarse sand and fine gravel (subrounded to angular) The soil bonng was backfilled with soil cuttings and bentonite chips. div82/projects/5816.009/4_notes/sb-85

TEST BORING LOG

REPORT OF BORING

				INEERS				SB-085B				
Client:	Form	ner Sylv		ipport Incoi ectric Prodi		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location					
1 10	oc: H .: 58°	icksvill 16.009	e, NY			Fall: NA		e: 7/21/99 e: 7/21/99				
				mental Pro	bing inves	stigations, Inc.	Screen		Grout			
Drill Ri	g: Ge			cane Dual S Dell	ampling \$	System)	Riser Steel	7/	Sand F Bentor			
Depth Below Grade	No.	Depth	Blows	Penetri Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)			
0	1	0-48		48/42		0-3" Asphalt		0 - 27"	1.2			
						3-27" Grayish brown 5YR 3/2 to dusky yellowish brown 10YR 2/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular)						
						27-36" Moderate yellowish brown 10YR 5/4, damp, SILT, some fine sand, little fine gravel (subangular)		27 - 36"	7.6			
						36-42" Pale yellowish brown 10YR 6/2 to grayish orange 10YR 7/4, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular)		36 - 42 '	51.2			
48	2	48-96	2-9	48/48		Pale yellowish brown 10YR 6/2 to grayish orange 10YR 7/4, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular)		48 - 72" 72 - 96"	49.2 76.2			
· · · · · · · · · · · · · · · · · · ·	3	96-132	-	36/36	-	Pale yellowish brown 10YR 6/2 to grayish orange 10YR 7/4, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular)		96 - 120" 120 - 132"	80.0 65.0			
132	4	132-168	-	36/36		Pale yellowish brown 10YR 6/2 to grayish orange 10YR 7/4, damp, coarse to fine SAND, some fine to coarse gravel (subrounded to angular)		132 - 156" 156 - 168"	120.0 124.0			
नीं 1	e soil b	oning was	backfilled	d with soil cutti	ngs and bent	conite chips.	div82/nmior	ts/5816 009/	notes/st			

TEST BORING LOG REPORT OF BORING

CRK	ED!	STOPE	EEN	SB-086							
Chent:	Form	operai	ions St ania El	ipport Inco ectric Prod	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core	Page 1 of Location:	1			
]	Inco	rporate	d Facili			Hammer: NA	Location.				
		licksvill	e, NY				Start Date: 7/22/99				
		16.009				Fall: NA	End Date:	7/22/99			
		pany: ı aul Bar		mental Pro	bing inve	stigations, Inc.	Screen		Grout		
				cane Dual S	ampling	System)	Riser Steel		Sand		
OBG G	eolog	jist: Ch	awn O'	Dell	B	-y,	Steel	<u>"</u>	Bento	nite	
			-				Stratum		Fie	ld	
Depth	i	l	l				Change		Tes		
Below Grade	No.		Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	General	Sample	PID	1	
0	1	(in.)		48/35	value	0-3" Asphalt	Descript	Interval	(ppm)	_	
-	·	1		44400		O-5 Aspirant					
						3-30" Grayish brown 5YR 3/2, damp, SILT, some		0-30"	1.2		
						fine to coarse sand, little fine to coarse gravel					
				<u> </u>		(subrounded to angular), trace concrete fragments					
						30-35" Pale vellounch beau— 10VD Cm. 1		66 6	ا ـ ـ ـ ا		
						30-35" Pale yellowish brown 10YR 6/2, damp, fine SAND, some medium to coarse sand, little fine to		30-35"	3.4		
						coarse gravel (subrounded to angular)					
48	2	48-96		48/21		Grayish brown 5YR 3/2 to moderate yellowish brown		48-69"	7.1		
						10YR 5/4, damp to wet SILT, some fine to coarse					
						sand, little fine to coarse gravel (subrounded to angular), trace clay, trace fragments of plastic			•		
						sheeting near bottom of sample					
96	3	96-144		48/33		Dark yellowish orange 10YR 6/6, damp, coarse to		96-108"	6.2		
						fine SAND, some fine to coarse gravel (subrounded					
						to angular) little red brick and concrete fragments near top of sample		108-129	41.6		
						near top or sample			i	1	
144	4	144-180		36/36		Top 8" appear to be fall-in, then dark yellowish orange		144-168	40.2		
						10YR 6/6, damp, fine SAND, some medium to coarse		168-180	51.2		
						sand, little fine to coarse gravel (subrounded to angular)					
						anguar)					
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ı ∠'uε	s SUII D	oning was	Dacknied	with soil cuttin	gs and bent	onite chips.					

REPORT OF BORING

				MEERS		4	SB-087				
Client:	Form	ier Sylv		pport Incor ectric Produ by		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location		_	_	
F o	oc: H .: 58'	icksvill 16.009	e, NY			Fall: NA		t Date: 7/22/99 Date: 7/22/99			
Forema Drill Ri	n: P g: Ge	aul Barl	kalow	ane Dual S	_	System)	Screen Riser Steel	Grout Sand Pac Bentonite			
Depth Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)	ting 	
0	1	0-48	NA	48/42	NA	0-3" Asphalt					
						3-26" Grayish brown 5YR 3/2 to moderate yellowish brown 10YR 4/2, damp, fine SAND, some medium to coarse sand, little fine to coarse gravel (subrounded to angular)		0-26*	1.2		
						26-31" Dusky brown 5YR 2/2, damp, SILT, little fine to medium sand, trace organic matter		26-31"	6.1		
						31-42" light brown 5YR 5/6, damp, fine to coarse SAND some fine to medium gravel, little coarse gravel (subrounded to angualr)		31-42"	7.2		
48	2	48-96	NA	48/30	NA	light brown 5YR 5/6, damp, fine SAND, some medium to coarse sand, little fine to coarse gravel (subrounded to angular)		48-78*	14.1		
: -	3	96-120	NA	24/24	NA	Light brown 5YR 5/6 to dark yellowish orange 10YR 6/6, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular)		96-120"	10.2		
120	4	120-144	NA NA	24/24	NA	Pale yellowish brown 10YR 6/2 to dark yellowish orange 10YR 6/6, damp, coarse SAND and fine GRAVEL (subrounded to angular), some medium to coarse gravel, little medium to fine sand		120-144*	43.2		
144	5	144-180	NA	36/36	NA	Moderate Yellowish brown 10YR 5/4, damp, fine to coarse SAND, some fine to coarse gravel subrounded to angular)		144-156" 156-180"	51.0 58.5		
								;			
						·					
<u> </u>	ne soil t	ooring was	s backfille	d with soil cutti	ngs and ben	tonite chips.					
		•			-		div82/projec	ts/5816.009/4	_notes/sl	b-87	

TEST BORING LOG REPORT OF BORING (अस्त्रहाराष्ट्रिक्ट्रहेर्न्स्ट्रहेर्न्स्ट्रहेर्न्स्ट्रहेर्न्स्ट्रहेर्न्स्ट्रहेर्न्स्ट्रहेर्न्स्ट्रहेर्न्स्ट्रह **SB-088** Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products Sampler: 2-inch acetate core Location: **Incorporated Facility** Hammer: Loc: Hicksville, NY Start Date: 7/22/99 .o.: 5816.009 Fall: NA End Date: 7/22/99 Boring Company: Environmental Probing Investigations, Inc. Screen = Grout Foreman: Paul Barkalow Riseri Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7 Bentonite OBG Geologist: Chawn O'Dell Stratum Field Depth Testing Change Depth Blows Below Penetr/ "N" Sample Description General Sample PID Grade No. (in.) /6" Recovery Value Descript Interval (ppm) 0-48 48/26 0 0-2" Asphalt 0-26" 17.0 2-26" Grayish brown 5YR 3/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular) 48 2 48-96 48/33 48-73" Grayish brown 5YR 3/2, damp, SILT, some fine 48-73" 21.2 to coarse sand, little fine to coarse gravel (subrounded to angular) 73-81" grayish orange 10YR 7/4, damp, fine SAND. 73-81" 18.1 some medium to coarse sand, little fine to coarse gravel (subrounded to angular) 96 3 96-144 48/48 Light brown 5YR 5/6 to pale yellowish brown 10YR 6/2, 96-120 47.1 damp, fine SAND, some medium to coarse sand. little fine to coarse gravel (subrounded to angular) 120-144" Grayish orange 10YR 7/4, damp, coarse 120-144" 71.2 SAND and fine GRAVEL (subrounded to angular), some medium to coarse gravel, little medium to fine sand 144 4 144-168 Grayish orange 10YR 7/4, damp, coarse 24/24 144-168" 51.3 SAND and fine GRAVEL (subrounded to angular), some medium to coarse gravel, little medium to fine sand 168 5 168-192 24/24 Grayish orange 10YR 7/4 to dark yellowish orange 168-192* 75.0 10YR 6/6, damp, coarse to fine SAND, some fine to coarse gravel (subrounded to angular) he soil bonng was backfilled with soil cuttings and bentonite chips. div82/projects/5816.009/4_notes/sb-88

ार्थान्यस्थलेनसम्बर्धानसम्बर्धाः अञ्चलानस्थले						TEST BORING LOG	REPO	REPORT OF BORING SB-089			
				pport Incor		Drill Method: Geoprobe	Uo a di a		59		
Ollelle.	Form	ier Sylv		ectric Produ		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:				
F ,0.	oc: H .: 581	icksville 16.009	e, NY	•		Fall: NA	Start Date				
				mental Prol	bing Inve	stigations, Inc.	Screen		Grout		
Drill Rig	g: Ge		(Hurric	cane Dual S	ampling s	System)	Riser Steel	7/	Sand F Bentor		
OBG Geologist: Chawn O'Dell							Stratum		Fiel	d	
Depth Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Change General	Sample	Test PID		
Orace	1	0-48	76	48/42	Value	0 - 5" Asphalt	Descript	interval	(ppm)		
	•	0.40		70.72		V-3 rispilate					
						5 - 32" Grayish brown 5YR 3/2, damp, SILT, some fine		0 - 32"	8.2		
						to coarse sand, little fine to coarse gravel (sub-	•				
						rounded to angular)		32 - 44"	9.6		
48	2	48-96		48/48		48-66" Grayish brown 5YR 3/2, damp, SILT, some		48 - 66*	11.1		
		40-50		70,70		fine to coarse sand, little fine to coarse gravel		40 - 00	''''		
						(subrounded to angular)					
						66-75" Light olive gray 5Y 6/1, wet, SILT, little fine		66 - 75"	8.6		
						sand, trace clay					
						,					
						75-96" Dark yellowish orange 10YR 6/6, damp, fine		75 - 96"	21.2		
						SAND, some medium to coarse sand, little fine to					
						coarse gravel (subrounded to angular)					
` -	3	96-132		36"/36"		Grayish orange 10YR 7/4 to dark yellowish orange		96 - 120"	14.4		
		30-102		00 700		10YR 6/6, damp, coarse to fine SAND, some fine	 	30 - 120	14.4		
	-					to coarse gravel (subrounded to angular)		120 - 132"	31.6		
- 122											
132	4	132-168		36/36		Grayish orange 10YR 7/4 to dark yellowish orange 10YR 6/6, damp, coarse to fine SAND, some fine		132 - 156*	51		
						to coarse gravel (subrounded to angular)		156 - 168"	49		
168	5	168-192		24/24		Grayish orange 10YR 7/4 to dark yellowish orange		168 - 192"	50.5		
						10YR 6/6, damp, coarse to fine SAND, some fine to coarse gravel (subrounded to angular)					
					<u> </u>	The second Branch (Substituted to all guilar)					
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Notes: Th	e soil b	oring was	backfille	d with soil cutti	ngs and beni	I tonite chips.	<u> </u>		Li	L	

						TEST BORING LOG	REPORT OF BORING			
				INEERS)				SB-09		
	Forn Inco	ner Sylv rporate	/ania El d Facili	ipport Incoi ectric Prodi ty	porated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location			
, 40	.: 58	licksvill 16.009	•			Fall: NA	Start Dat	e: 7/22/99 e: 7/22/99		
Boring	Com	pany: i aul Bar	Environ	mental Prol	bing inve	stigations, Inc.	Screen		Grout	
Drill Ri	g: Ge	eoprobe		ane Dual S	ampling	System)	Riser Steel		Sand I Bento	
-	10.02					T -	Stratum		Fie	id
Depth		<u> </u>	l				Change		Test	
Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	General	Sample	PID	l
0	1	0-48	-	48/42	value	0 - 3" Asphalt	Descript	Interval	(ppm)	
	┝╌	0 40		4042		O-3 Aspiralt				
						3 - 42" Moderate yellowish brown 5/4 to brownish		0 - 24"	10.4	l
<u> </u>		 				5 YR 2/1, damp, fine to coarse SAND, some silt,				İ
				!		little fine to coarse gravel (subrounded to angular), trace concrete/brick fragments		24 - 42"	12.1	1
		 				and concrete blick hagnings				
48	2	48-96	-	48/33	-	Grayish brown 5YR 3/2 to grayish black N2, damp,		48 - 72"	31.2	l
		<u> </u>			· · · · · · · · · · · · · · · · · · ·	fine to coarse SAND, some fine to coarse GRAVEL		-0 045		1
		ļ				(subrounded to angular), little silt, bottom 4" of sample is concrete fragments		72 - 81"	41.3	
						Jampie is conclus insginents				
96	3	96-144	-	48/24		Grayish brown 5YR 3/2 to grayish black N2, damp,		96 - 120"	51.2	
						coarse SAND and fine GRAVEL (subrounded to angular), some medium to fine sand, little medium				
						to coarse gravel (angular), little silt				
						,				
144	4	144-168	-	24/24		Grayish brown 5YR 3/2 to grayish black N2, damp,		144 - 168"	61.3	
, <u> </u>						coarse SAND and fine GRAVEL (subrounded to angular), some medium to fine sand, little medium				
_						to coarse gravel (angular), little silt to approx. 166",				
	· · · · · · · · · · · · · · · · · · ·					then grayish orange 10YR 6/6, damp, fine to				
						coarse gravel (subrounded to angular)				
										1
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- 뉴	e soil b	Olluu mae	backfiller	with soil cutting	os and bent	onite chips				
. 111	J JUN 0	Jy #103	. Justinie		.gu unu bent	ente super				
							div82/project	s/5816.009/4	notes/sb	-90

SHIP				-		SB-09	91			
Cilent:				ipport Inco ectric Prod		Drill Method: Geoprobe Sampler: 2-inch acetate core	Page 1 o			
			d Facili		ucts	Hammer: NA	Location	l :		
	oc: H	licksvill		-			Start Dat	te: 7/22/99		
10	.: 58	16.009				Fall: NA	1	: 7/22/99		
Boring Forema	Com	pany: I	Environ	mental Pro	bing Inve	stigations, Inc.	Screen		Grout	
				cane Dual S	Sampling	System)	Riser			
OBG G	eolog	ist: Ch	awn O'	Deli	amping.	System)	Steel	11	Bento	nite
			<u> </u>				Stratum	I	Fie	id
Depth				l .			Change		Tes	
Below Grade	No.	veptn (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	General	Sample	PID	l
Olaue	1	0-48	-	48/36	Value -	0 - 3" Asphalt	Descript	Interval	(ppm)	┞
	<u> </u>					Tupinan				
						Moderate yellowish brown 10YR 5/4 to brownish black		0 - 24"	1.1	
						5YR 2/1, damp, SILT, some fine to coarse sand and	!		,	l
						gravel, trace concrete/wood fragments		24 - 36*	1.3	l
48	2	48-96		48/48		Light brown 5YR 6/6 to dark yellowish orange		48 - 72"	14.8	
						10 YR 6/6, damp, fine SAND, some medium to		.0 .2	, ,,,,	
						coarse sand, little fine to coarse gravel (sub-		72 - 96"	31	
						rounded to angular)				İ
144	3	144-168		24/18		Dark yellowish orange 10YR 6/6, damp, coarse		144 - 162"	26.2	ĺ
						SAND and fine GRAVEL (subrounded to angular),		144 102	20.2	
						some medium to fine sand, little medium to				
						coarse gravel				
168	4	168-192	-	24/24		Dark yellowish orange 10YR 6/6, damp, coarse		168 - 174"	40.6	
						SAND and fine GRAVEL (subrounded to angular),				
- 4						some medium to fine sand, little medium to		174 - 192"	41.5	
						coarse gravel				
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<u> </u>	ecil b	0000 4000	hackfilled	with soil cutting	ge and hart	onito chine				_
110	S SUII D	only was	Dackined	MINI SOII COM	iyə and Dent	onte dups.				
							div82/nmied	ts/5816.009/4_	notee/eh	_ Q1
							p. 0,00			.

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Client:	Form	Operat Per Sylv	ions Su vania Fl	ipport Incoi ectric Prod	rporated	Drill Method: Geoprobe Sampler: 2-inch acetate core	Page 1 of			
			d Facili		ucis	Hammer: NA	Location:			
		icksvill	e, NY	•			Start Date	: 7/23/99		
		16.009				Fall: NA	End Date:			
		pany: t aul Bari		mental Pro	oing inve	stigations, Inc.	Screen		Grout	
				cane Dual S	ampling s	System)	Riser Steel		Sand F Bentor	
			awn O'			- , ,	0.001	"	Pelifoi	116
							Stratum		Fiel	d
Depth Below		Donth	Blows	Penetr/	"N"	Commis Description	Change		Test	ing
Grade	No.	(in.)	/6"	Recovery	Value	Sample Description	General Descript	Sample	PID	
0	1	0-48	-	48/40	-	0 - 3" Asphalt	Descript	Interval	(ppm)	<u> </u>
						•				
						3 - 40" Brownish gray 5YR 4/1 to moderate yellowish		0 - 24"	0.0	
						brown 10YR 5/4, damp, SILT, some fine to coarse				
				<u> </u>		sand, little fine to coarse gravel (subrounded to angular)		24 - 40*	0.2	
						angua)				
48	2	48 - 96	_	48/48		Dark yellowish orange 10YR 6/6 to grayish orange		48 - 72"	1.1	
						10YR 7/4, fine to coarse SAND, some fine to				
						coarse gravel (subrounded to angular)		72 - 96"	1.7	
96	3	96 - 132		36/36	-	Dark yellowish orange 10YR 6/6 to grayish orange		96 - 120"	1.8	
		33 132		30.00		10YR 7/4, coarse to fine SAND, some fine to		50 - 120	1.8	
						coarse gravel (subrounded to angular)		120 - 132*	5.9	
100		100 100		2000						
132	4	132-168		36/36		Grayish orange 10YR 7/4 to pale yellowish brown 10YR 6/2, damp, coarse SAND and fine GRAVEL		132 - 144"	7.1	
			_			(subrounded to angular) some medium to coarse		144 - 168"	11.3	
						gravel, little medium to coarse gravel			'''	
							.]			
168	5	168-192		24/24		Grayish orange 10YR 7/4 to pale yellowish brown		168 - 192"	13.4	
						10YR 6/2, damp, coarse SAND and fine GRAVEL (subrounded to angular) some medium to coarse				
						gravel, little medium to coarse gravel			ļ	
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The	soil b	onng was	backfilled	with soil cuttin	gs and bent	onite chips.			<u>_</u>	

REPORT OF BORING

div82/projects/5816.009/4_notes/sb-92

TEST BORING LOG REPORT OF BORING ल्यात्रस्थात्रम् स्टब्स्य स्टब्स्य स्टब्स्य । अस्त SB-093 Client: GTE Operations Support Incorporated Drill Method: Geoprobe Page 1 of 1 Former Sylvania Electric Products 2-inch acetate core Sampler: Location: Incorporated Facility Hammer: Loc: Hicksville, NY Start Date: 7/23/99 No.: 5816.009 Fall: NA End Date: 7/23/99 Boring Company: Environmental Probing Investigations, Inc. Screen = \ | Grout Foreman: Paul Barkalow Riser Sand Pack Drill Rig: Geoprobe (Hurricane Dual Sampling System) Steel 7/ **Bentonite** OBG Geologist: Chawn O'Dell Stratum Field Depth Change **Testing** Below Depth Blows Penetr/ "N" **Sample Description** General PID Sample Grade No. (in.) /6" Recovery Value Descript Interval (ppm) 0-48 48/38 0 - 3" Asphalt Dark yellowish brown 10YR 4/2 to grayish brown 0 - 38" 0.1 5YR 3/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular) 48 2 48-96 48/48 Dark yellowish orange 10YR 6/6, damp, fine SAND, 48 - 72" 0.9 some medium to coarse sand, little fine to medium gravel (subrounded to angular) 72 - 96" 2.7 48/48 96 3 96-132 Dark yellowish orange 10YR 6/6 to light brown 96 - 120" 7.1 5 YR 5/6, damp, coarse to fine SAND, little fine to coarse gravel (subrounded to angular) 120 - 132" 9.3 132 - 144" 8.2 144 132-168 48/48 Dark yellowish orange 10YR 6/6, damp, coarse to 144 - 168* 9.1 fine SAND, some fine to coarse gravel (subrounded to angular) 168-192 24/24 5 Dark yellowish orange 10YR 6/6, damp, coarse 168 - 192" 10.6 SAND and fine GRAVEL (subrounded to angular), some medium to coarse gravel, little medium to fine sand

The soil bonng was backfilled with soil cuttings and bentonite chips.

			30.00			TEST BORING LOG	REPO	ORT OF B	ORING	_
PBRIENE GEREIENGINEER (기)() Client: GTE Operations Support Incorporated								SB-09	94	
	Forn Inco	ner Sylv	/ania El d Facili	ectric Prod	porated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o	:		_
i do	.: 58	16.009	•			Fall: NA		e: 7/23/99 e: 7/23/99		
Boring	Com	pany: aul Bar	Environ	mental Pro	bing Inve	stigations, Inc.	Screen	= 1	Grout	_
Drill Ri	g: G	eoprobe		cane Dual S Dell	ampling	System)	Riser Steel	7/	Sand Pad Bentonit	
Depth Below		Depth	Blows	Penetr/	"N"	Sample Description	Stratum Change General	Sample	Field Testing	9
Grade	No.	(in.)	/6"	Recovery	Value		Descript	Interval	PID (ppm)	
0	1	0-48	-	48/42	-	0 - 3" Asphalt				_
						3 - 28" Brownish black 5YR 2/1 to Grayish brown 5YR 3/2, SILT, some fine to coarse gravel (subrounded to angular), little fine to coarse sand		0 - 28"	0.1	
						28 - 36" Moderate yellowish brown 10YR 5/4, damp, SILT, little fine to coarse SAND, little fine to coarse gravel (subrounded to angular)		28 - 42"	6.2	
48	2	48-96		48/48		48-96" Grayish orange 10YR 7/4, damp, fine SAND, some medium to coarse sand, little fine to coarse		48 - 72"	42.3	
						gravel (subrounded to angular)		72 - 96*	67.1	
										`
. The	e soil b	onng was	backfilled	with soil cuttin	gs and bent	onite chips.		** <u></u>	· · · · · · · · · · · · · · · · · · ·	
							div82/project	ts/5816.009/4_	_notes/sb-94	

				INFERS				SB-09	9 5	
Client:	Form	: Operai ner Sviv	uons St vania El	upport Inco ectric Prod	rporated	Drill Method: Geoprobe Sampler: 2-inch acetate core	Page 1 o			
	Inco	rporate	d Facili	ty		Hammer: NA	Location	:		
		licksvill	le, NY	-			Start Dat	e: 7/23/99		
No. 10	.: 58°	16.009				Fall: NA	_ End Date	: 7/23/99		
Forema	an: P	pany. 1 aul Bar	⊏uviron kalow	mentai Pro	oing inve	estigations, Inc.	Screen		Grout	_
Drill Ri	g: Ge	eoprobe	e (Hurric	cane Dual S	Sampling	System)	Riser Steel		Sand Pac Bentonite	
OBG G	eolog	gist: Ch	nawn O'	Dell			O.C.C.		Penronni	5
Depth							Stratum		Field	
Below		Depth	Blows	Penetr/	"N"	Sample Description	Change		Testing	3
Grade	No.	(in.)	/6"	Recovery	Value	Sample Description	General Descript	Sample Interval	PID (ppm)	
0	1	0-48	-	48/41		0 - 3" Asphalt	Descript	IIICIVAI	(PPIII)	
			 							
		 	 	 		3 - 15" Grayish brown 5YR 3/2, damp, SILT, some fine to coarse sand and gravel (subrounded to		0 - 21"	1.1	
						angular)				
									1 1	
						15 - 21" Dusky brown 5YR 2/2, damp, SILT, little				
						fine sand				
						21 - 41" Grayish orange 10YR 7/4, damp, SILT		21 - 41"	6.4	
						and fine SAND, little fine gravel (subrounded to				
						angular), trace organic matter				
48	2	48-96		48/42		48-90" Grayish orange 10YR 7/4, damp, fine to		48 - 72"	57	
	3 2 48-96 48/42					coarse SAND, some fine to medium gravel		40-72	5/	
	2 48-96 48/42					(subrounded to angular), little coarse gravel		72 - 90"	65	
	2 48-96 48/42									
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` The	soil bo	oring was	backfilled	with soil cuttin	gs and bent	onite chips.				
							ا - ا - ما ۱۵ ماراند	:/5816.009/4		
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TEST BORING LOG REPORT OF BORING

						TEST BORING LOG	REPC	ORT OF B	OPING
				giveer?				SB-09	
Client:	: GTE Form inco	E Operat mer Sylv orporate	itions Su vania El ed Facili	upport Inco	rporated	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:	f 1 ::	30
F 40	o.: 58	Hicksvill 16.009	-			Fall: NA	Start Date:	e: 7/23/99 e: 7/23/99	
Boring Forem	Com	npany: I Martin Po	Environ	imental Pro	bing inve	estigations, Inc.	Screen	= \	Grout
Drill Ri	ig: Ge	eoprobe	e (Hurrichawn O'	icane Dual S 'Dell	Sampling	System)	Riser Steel		Bentonite
Depth Below Grade	1		Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID
0	1	0-48	-	48/44	-	0 - 3" Asphalt	Descript	Interval	(ppm)
						3 - 15" Grayish brown 5YR 3/2, damp, SILT, some fine to coarse sand and gravel (subrounded to angular)		0 - 21*	0.6
						15 - 21" Grayish black N2, damp, SILT, little fine sand, trace organic matter			
						21 - 44" Dark yellowish orange 10YR 6/6, SILT, some fine sand, little fine to medium gravel (subrounded to angular)		21 - 44*	1.1
48	2	48-84		36/36		48-84" Grayish orange 10YR 7/4 to pale yellowish brow 10YR 6/2, damp, fine SAND, some medium to	1	48 - 72*	0.8
						coarse sand, little fine to medium gravel		72 - 84"	2.3
						(subrounded to angular)			
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<u>√</u> ਮੋਦ	soil br	onng was	backfilled	with soil cutting	gs and bent	tonite chips.			
						·			
							div82/projects/	:/5816.009/4_n	notes/sb-96

						TEST BORING LOG	REPO	RT OF B	ORING
				INEERS.		<u> </u>		SB-0	97
	Forn Inco	ner Sylv rporate	vania Ele d Facili	ipport Incol ectric Prod ty	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:		
F 10	.: 58	licksvill	•			Fall: NA	Start Date End Date:	7/23/99	
Forema	com an: P	pany: ı Paul Bar	≞πviron kalow	mental Pro	bing inves	tigations, Inc.	Screen Riser		Grout Sand Pack
Drill Ri OBG G	g: Ge eolog	eoprobe gist: Ch	e (Hurric	cane Dual S Dell	ampling S	system) · ·	Steel		Bentonite
Depth Below Grade	No.	Depth (in.)	Blows	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48	=	48/42	-	0 - 3" Asphalt	Descript	0-42"	0.7
				<u> </u>		3 - 42" moderate yellowish brown 10YR 5/4 to grayish			
						brown 5YR 3/2, damp, fine to coarse SAND, some			
						fine to coarse gravel (subrounded to angular), little silt			
48	2	48-96	-	48/21		Moderate yellowish brown 10YR 5/4 to grayish		48 - 69"	1,1
	-				:	brown 5YR 3/2, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular), little			
						silt			
96	3	96-144		48/24	-	Dark yellowish brown 10YR 4/2, damp, coarse to		96 - 108"	1.2
						fine SAND, some fine to coarse gravel (subrounded to angular) little silt		400 400	4.0
								108 - 120"	1.6
144	4	144-192	-	48/48		Dark yellowish orange 10YR 6/6, damp, fine to coarse SAND, some fine to coarse grave!		144 - 168"	2.3
						(subrounded to angular)		168 - 192"	2.5
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N he	soil be	oring was	backfilled	with soil cuttin	gs and bentor	nite chips.			
							div82/projects/	5816.009/4_	notes/sb-sb-97

				INFERS.		<u> </u>		SB-	98	
Client:	GTE	Operat	tions St	upport Inco lectric Prod	rporated	Drill Method: Geoprobe	Page 1 o			_
	Inco	rporate	d Facili	ecuic Fiod tv	ucts	Sampler: 2-inch acetate core Hammer: NA	Location	:		
jr L	oc: F	licksvill	le, NY	•9		MA	Start Dat	a. P/0/00		
		16.009	·			Fall: NA	End Date			
Boring	Com	pany:	Environ	mental Pro	bing Inve	stigations, Inc.	Screen		Grout	_
Poremi	an: N	lartin P	epper	cane Dual S	`I:	Contact	Riser		Sand Pac	
OBG G	y. Go ienloc	ist: Ct	awn O'	sane Duai S 'Dell	ampling	System)	Steel	11	Bentonite	ł
	1	1	1	<u> </u>	T		Stratum		T Picial	_
Depth	<u> </u>		1				Change		Field Testing	
Below			Blows		"N"	Sample Description	General	Sample	PID	į
Grade	No.	(in.)	/6"	Recovery	Value		Descript	Interval	(ppm)	
0	1	0-48	-	48/48	NA	0 - 3" Asphalt		0-6"	NL	
						3 - 28" Dark yellowish brown 10YR 4/2, damp, SILT,	ļ	C 40#	1	
						some fine to coarse sand, little medium to fine		6 - 12" 12 - 24"	1.2	
						gravel (subrounded to angular)		24 - 30"	1.6	
]				
						28 - 48" Moderate yellowish brown 10YR 5/2, damp,		30 - 48"	2.1	
			 			fine SAND and SILT, some medium to coarse sand, little fine to coarse gravel (subrounded to	1			
						angular)				
]			
_4	_2_	48-96		48/48		48-96" Moderate yellowish brown 10YR 5/4, damp,		48 - 72"	1.9	
						coarse to fine SAND, some fine to medium gravel				
				-	· · · · · · · · · · · · · · · · · · ·	(subrounded to angular), little coarse gravel (angular)		72 - 96"	1.7	
8	3	96-144	-	48/28	_	Dark yellowish orange 10YR 6/6, damp, coarse		96 - 124"	2.1	
						SAND and fine GRAVEL (subrounded to angular),	i I			
-02" " "						some medium to fine sand, little medium to coarse				
- - 						gravel (subrounded to angular)]			
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he he	soil bo	onng was	backfilled	with soil cutting	gs and bento	onite chips.				_
		<u>.</u>								
							div82/nmiecte	JED46 00014	natariah 00	

REPORT OF BORING

				MEER		•		SB-0	99	
Client:	GTE	Operat	ions Su	pport Incor ectric Prod	rporated	Drill Method: Geoprobe	Page 1 o			
			d Facilit		ucts	Sampler: 2-inch acetate core Hammer: NA	Location	:		
	oc: H	icksvill		-,		THE STATE OF THE S	Start Dat	e: 8/10/99		
		16.009				Fall: NA	End Date	: 8/10/99		
		pany: t lartin Po		mental Pro	bing inve	stigations, Inc.	Screen	= \	Grout	
Drill Ri	a: Ge	eoprobe	eppei e (Hurric	ane Dual S	ampling :	System)	Riser Steel		Sand F Bentor	
OBG G	eolog	ist: Ch	awn O'	Deli		- , ,	Otee	"	Denito	1116
D 41							Stratum	7	Fiel	
Depth Below	•	Donth	Blows	Penetr/	"N"	Sample Description	Change	01	Test	ing
Grade	No.	(in.)	/6"	Recovery	Value	Sample Description	General Descript	Sample Interval	PID (ppm)	
0	1	0-48	-	48/45		0 - 3" Asphalt		11101141	(ррш)	
		ļ								
						3 - 40" Grayish brown 5YR 3/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (sub-		0 - 24"	0.1	
	-					rounded to angular)		24 - 45"	1.6	
	_]			
						40 - 45" Concrete fragments				
4	2	48-96		48/30		Grayish brown 5YR 3/2, damp, fine to coarse SAND,		48 - 72 "		
				,5,55		some fine gravel (angular) to approx. 21 inches		70-12	2.2	
						then dark yellowish orange 10YR 6/6, damp, fine		72 - 78"	1.7	
						SAND, little medium to coarse sand, trace fine			İ	
						gravel (subrounded to angular)			ł	
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र्ते न	e soil b	onng was	backfilled	with soil cutting	ngs and bent	tonite chips.				
							div82/projec	ts/5816.009/4	_notes/st	-99

REPORT OF BORING

						TEST BORING LOG	REPC	ORT OF B	ORIN	\overline{G}
	Client: GTE Operations Support Incorporate Former Sylvania Electric Products							SB-10		_
	Forr Inco	mer Sylv orporate	lvania El ed Facili	lectric Prod	rporated lucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:	f 1 :		
Boring	o.: 58	Hicksvill 316.009 npany:	Environ	omental Pro	hina Inv	Fall: NA estigations, Inc.	End Date:			-
Porema Drill Ri	ian: N ig: G	Martin P eoprobe	epper	icane Dual S			Screen Riser Steel		Grout Sand I Bento	Pack
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	+	Sample Description	Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)	sting
0	1	0-48	-	48/45	-	0 - 3" Asphalt		III.O. V	(hhim)	+
	<u>.</u>					3 - 28" Grayish brown 5YR 3/2, damp, fine to coarse SAND, some fine to coarse gravel (subrounded to angular), little silt		0 - 28"	2.1	
						28 - 45" Dark yellowish orange 10YR 6/6, damp, SILT, some fine sand, little fine to coarse gravel (subrounded to angular)		28 - 45*	1.3	
4	2	48-96		48/40		48 - 68" Pale yellowish brown 10YR 6/2 and light olive gray 5Y 6/1 mottling, damp to wet, SILT and fine SAND, little fine to medium gravel (subrounded		48 - 68°	3.2	
						to angular)				
						68 - 90" Moderate yellowish brown 10YR 5/4, damp, fine to medium SAND, some coarse sand and fine gravel, little medium to coarse gravel (sub-		68- 90"	2.1	
=						rounded to angular)				
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- he	soil bo	onng was	backfilled	with soil cutting	gs and bent	onite chips.				
				•			div82/projects/	/5816 N09/4 r	otoe/eb_1	100

	经验					TEST	F BORING LOG	REPO	RT OF B	ORIN	G
OBRI	ENT	GER	EENG	्र वाधीचवरकः	NG -				SB-10		
Client:	Form Incom	Operat ner Sylv rporate	tions Su vania Ele d Facilit	upport Incor	rporated	Drill Method: Sampler: Hammer:	Geoprobe 2-inch acetate core NA	Page 1 of Location	:		
F. 10	.: 581	licksvill 16.009				Fall:	NA	Start Date	e: 8/10/99 :: 8/10/99		
Boring	Com	pany: I	Environ	mental Pro	bing inver	stigations, Inc.		Screen	= 1	Grout	
Forema	an: M	lartin Po	epper	Dual C	`line	O41		Riser		Sand I	Pack
OBG G	g: Ge ieolor	ist: Ch	e (Hurric hawn O'l	cane Dual S 'Dell	ampling	System)		Steel]/	Bento	nite
-	<u> </u>	1	1	T	Τ	T		Stratum		Fie	.T.
Depth		l						Change	1	Test	
Below			Blows		"N"	Sam	ple Description	General	Sample	PID	1
Grade	No.	(in.)	/6"	Recovery	+	1		Descript		(ppm)	
0	1	0-48	 - '	48/48	- -	0 - 3" Asphalt		'	0 - 24"	1.1	
	 	 	 	 	 	3 - 48" Moderate yel	llowish brown 10YR 4/2 to brownish	1 1	24 - 48"	1.6	
							p, fine to coarse SAND and	'	24-40	1,	
						GRAVEL, little silt		1	1	1	
	<u></u> '	 	<u> </u>	<u> </u>	<u> </u>]			1	1	
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N h	e soil b	onng was	backfiller	d with soil cuttin	ngs and bent	onite chips.					-
		-			•	-					
								div82/project	ts/5816.009/4_	_notes/sb	-101A

				pport inco				SB-10)1B	
	Forr	ner Sylv	vania El	ectric Prod	ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core	Page 1 of Location:			
l	Inco	rporate	d Facili	ty		Hammer: NA	Location	i		
P. L	oc: F	licksvill	le, NY				Start Date	e 8/10/99		
		16.009				Fall: NA	End Date			
Boring	Com	pany:	Environ	mental Pro	bing inve	stigations, Inc.	Screen		Grout	
Forem	an: N	lartin P	epper				Riser		Sand	
OBC C	g: G	eoprobe	e (Hurric 1awn O'	cane Dual S	sampling	System)	Steel	7/	Bento	
000	I EOIO	Jist. Ci	Iawii U	Dell	 					
Depth		ł			ŀ		Stratum		Fie	
Below	l	Depth	Blows	Penetr/	"N"	Sample Description	Change General	Comple	Tes	ting
Grade	No.	(in.)	/6"	Recovery	Value	- Campio Description	Descript	Sample Interval	PID	
0	1	0-48	-	48/46	-	0 - 3" Asphalt	Descript	iiitei vai	(ppm)	₩
]	1			
						3 - 26" Brownish gray 5YR 4/1, damp, SILT, some		0 - 26"	0.1	
		<u> </u>	ļ			fine to coarse sand and gravel (subrounded to				ĺ
		ļ			· .	angular)				1
	 	 				26 A68 Count				
		 				26 - 46" Grayish orange 10YR 7/4, damp, SILT, little fine to medium sand, trace fine gravel (subangular)		26 - 40"	1.1	l
		_				ame to medium sand, date time gravei (subangular)		40 - 46"		l
						1		40 - 40	0.6	ĺ
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NC 7	e soil b	onng was	backfilled	with soil cuttin	gs and bent	onite chips.				
							div82/projects	/5816.009/4_r	notes/sb-1	101B

REPORT OF BORING

		Type of the second				TEST BORING LOG	REPO	ORT OF E	BORING
OBR	EM	X GER	民机	श्रीशहास्य	il NG			SB-1	
	Fon Inco	mer Sylv orporate	vania El d Facili	upport Inco lectric Prod ity	rporated lucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 c Location	f 1	
i	.: 58	licksvil 16.009	·	mental Pro	hing Inve	Fall: NA	End Date	te: 8/10/99 e: 8/10/99	
Forem Drill Ri	an: N g: G	/lartin P	epper e (Hurri	cane Dual S			Screen Riser Steel		Grout Sand Pack Bentonite
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)
0	1	0-48	-	48/40		0 - 3" Asphalt		0 - 24"	0.3
						3 - 40" Brownish gray 5YR 4/1, damp, SILT and fine SAND, some fine to coarse gravel (subangular to angular), little medium to coarse gravel		24 - 40"	3.1
48	2	48-96	-	48/48	-	Grayish orange 10YR 7/4, damp, fine SAND, some medium to coarse sand, little fine to coarse gravel (subrounded to angular)		48 - 60" 60 - 66" 66 - 96"	2.6 3.1 1.2
								ļ	
	soil h	Onno was	hackfilled	with soil cuttin	gs and heat	onite chine			
				The control of the	go and Dell	ound drips.	div82/project	s/5816.009/4	notes/sb-102

						TEST BORING LOG	REPO	RT OF B	ORIN	G
	BRIENT& GERETENGINEERS 이지! lient: GTE Operations Support Incorporated							SB-10		_
	Forn	ner Sylv rporate	/ania Ele d Facilit	ectric Produ		Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location	:		
r Li		licksvill 16.009	e, NY			Fall: NA		e: 8/10/99 e: 8/10/99		
		pany: I		mental Pro	oing Inve	stigations, Inc.	Screen	= \	Grout	
Drill Ri	g: Ge	oprobe		cane Dual S Dell	ampling \$	System)	Riser Steel	77	Sand I Bento	
Depth							Stratum		Fie	
Below		Depth	Blows		"N"	Sample Description	Change General	Sample	Test PID	ting
Grade 0	No.	(in.)	/6"	Recovery 48/33	Value	0 - 3" Asphalt	Descript	Interval	(ppm)	
	1	0-46	<del>-</del>	40/33	<u>-</u>	U-3" Aspnait				
						3-22" Pale yellowish brown 10YR 6/2 to grayish orange 10YR 7/4, damp, SILT, some fine to coarse SAND,	1	0 - 22"	0.0	
						little fine to medium gravel (subrounded to angular),		22 -33*	0.6	
						22-33" becoming pale yellowish orange 10YR 8/6,				
						damp, SILT, some fine sand, little clay, trace fine gravel (angular)				
48	2	48-96		48/36		Grayish orange 10YR 7/4, damp, fine SAND, some		48 - 72"	0.9	
						medium to coarse sand, little fine to coarse gravel (subrounded to angular)		72 - 84"	1.3	
- 00		00.414		40/04						
96	3	96-144	-	48/34		118 - 130" Grayish orange 10YR 7/4, damp, fine SAND, some medium to coarse sand and fine to		118 - 130"	1.7	
						coarse gravel (subrounded to angular) (96 - 118"				
						caved in)				
		-								
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Notes: Th	e soil h	oonna wa	backfiller	d with soil cuttir	ngs and ben	onite chips.	1			<u> </u>
.10.03. 11	J JOH L	only was	, suchillict	_ mu, con cata	.go and boll					
				•			div82/projec	ts/5816.009/4	_notes/sl	b-103

				INEERO.		······································		SB-10	04	
Client:	Form	ner Sylv	iions Su /ania El d Facilii	ipport Inco ectric Prod	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location:			
F .0	oc: H	licksvill 16.009	e, NY	•		Fall: NA	Start Date			
Boring	Com	рапу:	Environ	mental Pro	bing Inves	stigations, Inc.	Screen		Grout	
Forema	an: N	lartin P	epper				Riser		Sand F	aci
DRIII KI	g: Gr	eoprobe	e (Hurric nawn O'	cane Dual S	sampling s	System)	Steel	7	Bentor	
0000		)   St.   O	Idwii O	Dell	ı	T	<u> </u>		- -	
Depth	i			İ			Stratum Change		Fiel Test	
Below			Blows		"N"	Sample Description	General	Sample	PID	mg
Grade	No.	(in.)	/6"	Recovery	Value		Descript	Interval	(ppm)	
0	1	0-48		48/48	-	0 - 3" Asphalt			11.	
						0 - 30" Grayish brown 5YR 3/2 to moderate yellowish		0 00	ارا	
						brown 10YR 5/4 (24 - 30") SILT, some fine to		0 - 30"	5.1	
						coarse sand and gravel (subangular)				
							]			
						30 - 48" Very pale orange 10YR 8/2, damp, fine to		30 - 48"	7.6	
						coarse SAND, some fine to coarse gravel (sub- rounded to angular)			ľ	
48	2	48-96	-	48/36	ı	Dark yellowish orange (10YR 6/6) to pale yellowish		48 - 72"	18.2	
						brown 10YR 6/2, damp, fine SAND, some fine to			i	
						coarse sand and gravel (subrounded to angular)	1	72 - 84"	16.1	
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NC TE	soil b	oring was	backfilled	with soil cuttin	gs and bento	onite chips.				
							div82/projects	:/5816.009/4_i	notes/sb-1	04

REPORT OF BORING

OBR	EN.		EENG	WEERS		TEST BORING LOG	REPO	RT OF B		
F L	Forn Inco oc: F	ner Sylv rporate licksvill	∕ania El d Facili	ipport Inco ectric Prod ty	rporated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 o Location Start Dat	1		
		16.009	Environ	mental Pro	hing Inve	Fall: NA stigations, Inc.	End Date	: 8/11/99		
Forema Drill Rig	an: N g: G	lartin Pe eoprobe	epper	cane Dual S			Screen Riser Steel	- 5	Grout Sand Pac Bentonite	
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)	8
0	1	0-48		48/40		0 - 3" Asphalt		0 - 30"	0.9	_
						3 - 30" Grayish brown 5YR 3/2, damp, fine to coarse SAND, some silt, little fine to coarse gravel (subangular)		30 - 40"	10.6	
						30-40" Grayish orange 10YR 7/4, damp, fine to coarse SAND, little fine to coarse gravel (subrounded to angular)			ā	
48	2	48-96	-	48/28	-	48-54" Grayish orange 10YR 7/4, damp, fine to coarse SAND, some silt, little fine to coarse GRAVEL (subangular)		48 - 54*	NL	
,						54-70" Pale olive 10Y 6/2, damp to wet SILT, some clay, little fine sand		54 - 66"	162.0	
						70-76" Moderate yellowish brown 10YR 5/4, damp, coarse SAND and fine gravel (subrounded to angular), some medium to fine sand, little medium to coarse gravel (subrounded to angular)		70 -76°	110	
						•				
Notes: The	soil bo	onng was	backfilled	with soil cutting	gs and bento	nite chips.			·	

Client: GTE Operations Support Incorporated Former Sylvania Electric Products Incorporated Facility I Loc: Hicksyille, NY I Loc: Hicksyille, NY I Loc: Hicksyille, NY I Loc: Staft.009 Fall: NA Start Date: 8/11/15 Staft.009 Fall: NA Start Date: 8/11/15 Staft.009 Fall: NA Start Date: 8/11/15 Start Date: 8/11/15 Staft.009 Fall: NA Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/15 Start Date: 8/11/	9   \   Grout   Sand Pack
Former Sylvania Electric Products Incorporated Facility  Loc: Hicksville, NY Loc: 5816.009  Boring Company: Environmental Probing Investigations, Inc.  Foreman: Martin Pepper Drill Rig: Geoprobe (Hurricane Dual Sampling System)  Depth Below Depth Blows Penetr/ "N" Sample Description  Grade No. (in.) /6" Recovery Value  O 1 0-48 - 48/48 - 0-3" Asphalt  3 - 48" Grayish brown 5YR 3/2 to brownish black 5YR 2/1, damp, fine to coarse SAND, some fine to medium gravel (angular)  48 2 48-72 - 36/24 - Grayish brown 5YR 3/2, damp, SILT and fine SAND, some medium to coarse sand, little fine to coarse  Grayish brown 5YR 3/2, damp, SILT and fine SAND, some medium to coarse sand, little fine to coarse	9   \   Grout   Sand Pack
No.: 5816.009   Fall: NA   End Date: 8/11/9	9   \   Grout   Sand Pack
Foreman: Martin Pepper Drill Rig: Geoprobe (Hurricane Dual Sampling System)  Depth Below Grade No. (in.) /6" Recovery Value  0 1 0-48 - 48/48 - 0-3" Asphalt  3 - 48" Graysh brown 5YR 3/2 to brownish black 5YR 2/1, damp, fine to coarse SAND, some fine to medium gravel (angular), little silt, trace coarse gravel (angular)  48 2 48-72 - 36/24 - Grayish brown 5YR 3/2, damp, SILT and fine SAND, some medium to coarse sand, little fine to coarse	\   Grout   Sand Pack
Depth Blows (in.)   Depth   Blows   Penetr/   Recovery   Value   Sample Description   Stratum   Change   General   Description   Description   Change   General   Description   Description   O   1   O - 48   -   48/48   -   O - 3" Asphalt   O - 24   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O - 24   O - 3" Asphalt   O -	
Depth Below Grade No.   Depth (in.)   Depth (in.)   Depth (in.)   Penetr/ Recovery   Value   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descript   Descri	Bentonite
0 1 0-48 - 48/48 - 0 - 3" Asphalt  3 - 48" Grayish brown 5YR 3/2 to brownish black 5YR 2/1, damp, fine to coarse SAND, some fine to medium gravel (angular), little silt, trace coarse gravel (angular)  48 2 48-72 - 36/24 - Grayish brown 5YR 3/2, damp, SILT and fine SAND, some medium to coarse sand, little fine to coarse	
5YR 2/1, damp, fine to coarse SAND, some fine to medium gravel (angular), little silt, trace coarse gravel (angular)  48 2 48-72 - 36/24 - Grayish brown 5YR 3/2, damp, SILT and fine SAND, some medium to coarse sand, little fine to coarse	
to medium gravel (angular), little silt, trace coarse gravel (angular)  48 2 48-72 - 36/24 - Grayish brown 5YR 3/2, damp, SILT and fine SAND, some medium to coarse sand, little fine to coarse	1.6
some medium to coarse sand, little fine to coarse	5.1
	0" 10.7
	2" 15.2
<del></del>	
The soil boring was backfilled with soil cuttings and bentonite chips.  div82/projects/5816.00	

					<b>.</b>	TEST BORING LOG	REPO	RT OF B	ORIN	<del></del>
				ineers.		*		SB-10		
1	Fort Inco	Operat ner Sylv rporate licksvill	vania El d Facili	pport Incor ectric Prod ty	porated ucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 of Location	:		
Fc	o.: 58	16.009	·			Fall: NA	End Date	e: 8/11/99 :: 8/11/99		
Forem Drill R	an: M ig: G	lartin P	epper e (Hurric	cane Dual S		estigations, Inc.	Screen Riser Steel	= \	Grout Sand I Bento	Pack
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)	ting 
0	1	0-48		48/48	-	0 - 3" Asphalt	<u> </u>		(FF)	<del>                                     </del>
						3 - 14" Grayish brown 5YR 3/2, damp, fine to coarse SAND, some silt, little fine to coarse gravel (angular), trace slag		0 - 24" 24 - 48"	0.1 0.3	ł
						14 - 22" Pale yellowish orange 10YR 8/6, damp SILT, some fine to coarse sand, little fine to medium gravel (angular)				
						22 - 48" Grayish orange 10YR 7/4, damp, fine to coarse SAND, little fine to medium gravel (subangular)				
48	2	48-96		48/48		Grayish orange 10YR 7/4, damp, fine to coarse SAND, little fine to coarse gravel (subrounded to angular)		48 - 84*	0.0	
- , -			-					84 <b>-</b> 96*	0.9	
N h	e soil bi	oring was	backfilled	with soil cutting	gs and ben	tonite chips.				

<b>QHR</b>	EM	& GER	FENC	WH 6	alcus.	TEST BORING LOG	REPO	ORT OF E SB-1		G
	Inco	ner Sylv	vania El d Facili	pport Inco lectric Prod ty	rporated lucts	Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA	Page 1 c			
F 10	o.: 58	16.009	•	montal Bra		Fall: NA	Start Date	te: 8/11/99 e: 8/11/99		
Drill Ri	an: N ia: G	iartin P eoprobi	epper	cane Dual 9			Screen Riser Steel		Grout Sand I Bento	Pack
Depth Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample	Fie Test PID (ppm)	
				4443		0-16" Brownish black 5YR 2/1, damp, fine to coarse SAND and GRAVEL, little silt		0 - 24"	0.7	
						16-38" Dark yellowish orange 10YR 6/6, damp, SILT, some fine sand, little fine to coarse gravel (subangular)  38-45" Grayish orange 10YR 7/4, damp, fine SAND,		24 - 48*	3.1	
						some medium to coarse sand, little fine to coarse gravel (subangular)				
48	2	48-96		48/48	1	Grayish orange 10YR 7/4, damp, fine to coarse SAND and GRAVEL (subrounded to angular), little silt		48 - 60" 60 - 84" 84 - 96"	6.2 5.1 7.3	
						•				
						•				
									ļ	
- - -										
otes: The	soil bo	nng was t	packfilled	with soil cutting	as and bent	tonite chins				

						TES'	T BORING LOG		REPO	RT OF B	ORING	}
				MEERS						SB-10		
P '	Forn Inco oc: H :: 58	ner Sylv rporate licksvill 16.009	ania Eli d Facilii e, NY		ucts	Drill Method: Sampler: Hammer: Fall: estigations, Inc	Geoprobe 2-inch acetate cor NA NA	е	Page 1 of Location Start Date End Date Screen	: e: 8/11/99 : 8/11/99	Grout	
Forema Drill Ri	an: M g: Ge	artin Po coprobe	epper	cane Dual S	_	•			Riser Steel		Sand F Bentor	
Depth Below Grade	No.	(in.)	Blows /6"	Recovery	"N" Value		nple Description		Stratum Change General Descript	Sample Interval	Fiel Test PID (ppm)	
0	1	0-48		48/48		0 - 3" Asphalt				0 - 24"	1.6	
						some medium to coa gravel (subrounded t	on 5YR 3/2, damp, fine SAN arse sand, little fine to coarse to angular), trace slag			24 - 48"	<b>3.2</b>	
48	2	48-96		48/48		coarse SAND, some (subrounded to angu		0		48 - 60"	5.2	
							n to coarse sand, little fine t	to		60 - 84"	6.7	
										84 - 96*	4.3	
<u> </u>												
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									l			
, <u>1</u>	e soil b	oring was	backfilled	with soil cutting	ngs and ber	ntonite chips.		Į	L	<u>l</u>		<del></del> ,

div82/projects/5816.009/4_notes/sb-109

## APPENDIX D

Film badge analytical results

#### O BRIEN AND GERE ENGINEERS 5000 BRITTON FIELD PKWY

EAST SYRACUSE NY 13057

# LAI .DAUER ®

Landauer, Inc. 2 Science Road Glenwood, Illinois 60425-1586 Telephone: (708)755-7000 Facsimile: (708)755-7016 www.landauerinc.com



### RADIATION DOSIMETRY REPORT

ACCOUNT NO.	SERIES CODE	ANALYTICAL WORK ORDER	REPORT DATE	DOSIMETER RECEIVED	4	PAG: NO.
162833		9921100032	08/09/99	07/30/99	6	1

IPANT BER		NAME		AETER 3SA	NOIT.		EQUIVALEN	T (MREM) WN BELOW		ERLY ACCI			EQUIVALEN		70SE I	LIFETIMI QUIVALEN		ORDS	TION AM/YY)
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# O .N AND GERE ENGINEERS 5000 BRITTON FIELD PKWY EAST SYRACUSE NY 13057

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## RADIATION DOSIMETRY REPORT

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ENGINEERS
5000 BRITTON FIELD PKWY
EAST SYRACUSE NY 13057

Landauer, Inc. 2 Science Road Glenwood, Illinois 60425-1586 Telephone: (708)755-7000 Facsimile: (708)755-7016 www.landauerinc.com



## RADIATION DOSIMETRY REPORT

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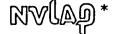
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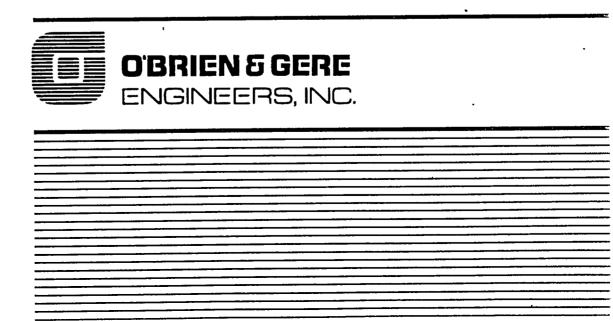
**Data validation** 

#### DATA VALIDATION REPORT

Former Sylvania Electric Products
Incorporated Facility
Cantiague Rock Road
Hicksville, New York

**GTE Operations Support Incorporated** 

December 1999



# **Data Validation Report**

Former Sylvania Electric Products
Incorporated Facility
Cantiague Rock Road
Hicksville, New York

Swiatoslav W. Kaczmar, Ph.D., C.I.H. Vice President, Environmental Toxicology and Industrial Hygiene

December 1999



O'Brien & Gere Engineers, Inc. 5000 Brittonfield Parkway Syracuse, New York 13221