APPENDIX A

TEST PIT LOGS

PROJECT NO.: 3437-N61 TEST PIT NO. TP-2

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG LOCATION: Penn Yan, N.Y. CONTRACTOR: City Hill Construction, Inc. TRC Inspector: R. Fox

DATE STARTED: 11/19/86 DATE COMPLETED: 11/19/86

PIT DIMENSIONS (W X L X D)): $3.0' \times 10.0' \times 8.0'$

Depth (ft)	Description				
0.0-1.0	Dark brown silt and clay fill, with gravel.				
1.0-8.0	Same material as above, including small boulders, whole bricks and occasional large boulders. Wood fragments found at 2.0 ft.				

OVA response - backhoe sample from 8.0 ft. Ambient.

Composite sample taken from $5.0\ \mathrm{ft.}$ to $7.0\ \mathrm{ft.}$ for laboratory analysis.

PROJECT NO.: 3437-N61 TEST PIT NO. TP-3

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG LOCATION: Penn Yan, N.Y. CONTRACTOR: City Hill Construction, Inc. TRC Inspector: R. Fox

DATE STARTED: 11/20/86 DATE COMPLETED: 11/20/86

PIT DIMENSIONS (W X L X D)): 2.0' x 9.8' x 11.2'

Depth (ft)	Description						
0.0-0.5	Found partial concrete foundation at 0.5 ft. Moved pit to south of foundation and continued excavation.						
0.0-1.0	Dark brown soil fill, including cobbles and brick fragments.						
1.0-3.0	Same material as above with increasing amounts of red clay, coal clinkers and wood fragments.						
3.0-5.0	Same as above, with concrete slab fragments.						
5.0-11.2	Same as above, with increasing amounts of brick fragments.						

OVA response - backhoe sample from 8 ft. Ambient.

Composite sample taken from 4.0 ft. to 8.0 ft. for laboratory analysis.

PROJECT NO.: 3437-N61 TEST PIT NO. TP-4

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG
CONTRACTOR: City Hill Construction, Inc. TRC Inspector: R. Fox

DATE STARTED: 11/20/86 DATE COMPLETED: 11/20/86

PIT DIMENSIONS (W X L X D)): 2.0' x 10.8' x 5.0'

Description

0.0-0.5 Compacted fill.

0.5-5.0 Black sandy fill containing wood, concrete and brick fragments.

OVA response - backhoe sample from 5.0 ft. 10 ppm.

Composite sample taken from 3.0 ft. to 5.0 ft. for laboratory analysis.

PROJECT NO.: 3437-N61 TEST PIT NO. TP-5

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG LOCATION: Penn Yan, N.Y. CONTRACTOR: City Hill Construction, Inc. TRC Inspector: R. Fox

DATE STARTED: 11/19/86 DATE COMPLETED: 11/19/86

PIT DIMENSIONS (W X L X D)): $2.0' \times 9.3' \times 8.4'$

Depth (ft)

O.0-0.5

Dark brown gravel fill.

Description

O.5-8.4

Medium brown clay, some silt with fine sand and coarse gravel.

OVA response - backhoe sample from 7.0 ft. Ambient.

Composite sample taken from $3.0\ \text{ft.}$ to $7.0\ \text{ft.}$ for laboratory analysis.

PROJECT NO.: 3437-N61

TEST PIT NO. TP-6

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG

LOCATION: Penn Yan, N.Y.

CONTRACTOR: City Hill Construction, Inc. TRC Inspector: R. Fox

DATE STARTED: 11/19/86

DATE COMPLETED: 11/19/86

PIT DIMENSIONS (W X L X D)): 2.0' x 9.0' x 8.9'

Depth (ft)

Description

Medium brown clay, some silt, little fine sand and gravel. 0.0-8.9

OVA response - backhoe sample from 7.0 ft. Ambient.

Composite sample taken from 5.0 ft. to 7.0 ft. for laboratory analysis.

PROJECT NO.: 3437-N61 TEST PIT NO. TP-7

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG LOCATION: Penn Yan, N.Y.
CONTRACTOR: City Hill Construction, Inc. TRC Inspector: R. Fox

DATE STARTED: 11/18/86 DATE COMPLETED: 11/18/86

PIT DIMENSIONS (W X L X D)): 2.0' x 13.9' x 6.8'

Depth (ft)

Description

0.0-6.8

Red-brown silt, some clay, fine sand and gravel. Pit extended 3 ft. to the north.

OVA response - backhoe sample taken from 6.8 ft. Ambient.

Sample for laboratory analysis not taken here.

PROJECT NO.: 3437-N61 TEST PIT NO. TP-8

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG LOCATION: Penn Yan, N.Y. CONTRACTOR: City Hill Construction, Inc. TRC Inspector: R. Fox

DATE STARTED: 11/18/86 DATE COMPLETED: 11/18/86

PIT DIMENSIONS (W X L X D)): 2.0' x 8.0' x 2.9'

Depth (ft)	Description
0.0-1.0	Gravel fill with brick fragments.
1.0-2.9	Rubble fill, including wood, brick and glass fragments. Concrete floor of relief gas holder found at 2.9 ft.

OVA response - backhoe sample from 2.9 ft. Ambient.

Composite sample taken from $2.0\ \mathrm{ft.}$ to $2.9\ \mathrm{ft.}$ for laboratory analysis.

TEST PIT NO. TP-9 PROJECT NO.: 3437-N61

PROJECT: Penn Yan Gas Plant

LOCATION: Penn Yan, N.Y. CLIENT: NYSEG

CONTRACTOR: City Hill Construction, Inc. TRC Inspector: L. Stewart

DATE COMPLETED: 11/18/86 DATE STARTED: 11/18/86

PIT DIMENSIONS (W X L X D)): 2.0' x 12.0' x 3.8'

Depth (ft)	Description				
0.0-0.5	Dark brown soil fill.				
0.5-3.8	Brown-black rubble fill, including large coal clinkers. Brick wall of tank relief gas holder at 1.0 ft. with clinkers found outside of holder perimeter. Sandy, soil fill found inside of holder perimeter. Hit cement footer at 3.0 ft. Hit cement floor of holder at 3.8', extended pit 6 ft. to the west.				

OVA response - backhoe sample from 3.5 ft. Ambient.

Composite sample taken from 2.5 ft. to 3.5 ft. from inside of holder perimeter for laboratory analysis.

PROJECT NO.: 3437-N61

TEST PIT NO. TP-10

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG

LOCATION: Penn Yan, N.Y.

CONTRACTOR: City Hill Construction, Inc. TRC Inspector: R. Fox

DATE STARTED: 11/21/86

DATE COMPLETED: 11/21/86

PIT DIMENSIONS (W X L X D)): 2.0' x 8.0' x 4.8'

Depth (ft)	Description
0.0-3.0	Brown sand and gravel. Cobble sizes increase with depth.
3.0-4.8	Reddish brown clay fill, including brick fragments. Hit 1.5 inch pipe at 4.7 ft.

Composite sample taken from 2.0 ft to 4.5 ft for laboratory analysis.

TEST PIT NO. TP-11 PROJECT NO.: 3437-N61

PROJECT: Penn Yan Gas Plant

LOCATION: Penn Yan, N.Y.

CLIENT: NYSEG

CONTRACTOR: City Hill Construction, Inc. TRC Inspector: R. Fox

DATE STARTED: 11/21/86

DATE COMPLETED: 11/21/86

PIT DIMENSIONS (W X L X D)): 2.0' x 9.2' x 10.0'

Description Depth (ft) _

0.0-2.0 Dark brown coarse sand fill with medium cobbles.

2.0-10.0 Medium brown undisturbed clay. Water at 10.0 ft.

OVA response - backhoe sample from 10.0 ft. Ambient.

Composite sample taken from 5.0 ft. to 10.0 ft. for

laboratory analysis.

TEST PIT NO. TP-14 PROJECT NO.: 3437-N61

PROJECT: Penn Yan Gas Plant

LOCATION: Penn Yan, N.Y. CLIENT: NYSEG

CONTRACTOR: City Hill Construction, Inc. TRC Inspector: R. Fox

DATE COMPLETED: 11/18/86 DATE STARTED: 11/18/86

PIT DIMENSIONS (W X L X D)): 2.0' x 5.0' x 5.5'

Depth (ft)	Description
0.0-3.0	Gravel fill, including wood chips and brick fragments. Large foundation stones found at 3.0 ft.
3.00-5.5	Rubble fill, including brick and wood fragments, and large foundation stones. Backhoe could not continue through wood timbers found at 5.5 ft.

OVA response - backhoe sample from 5.5 ft. Ambient.

Composite sample taken from 3.0 ft. to 5.5 ft. for laboratory analysis.

PROJECT NO.: 3437-N61 TEST PIT NO. TP-15

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG LOCATION: Penn Yan, N.Y. CONTRACTOR: City Hill Construction, Inc. TRC Inspector: L. Stewart

DATE STARTED: 11/14/86 DATE COMPLETED: 11/14/86

PIT DIMENSIONS (W X L X D)): 2.0' x 8.0' x 6.0'

Depth (ft)	Description		
0.0-0.5	Coarse sand and gravel fill. Railroad tie found at 0.5 ft.		
0.5-3.0	Fill, including coal clinkers, ash, and fragments of brick, wood and glass.		
3.0-4.0	Tan clay.		
4.0-6.0	Clay darkens to black. Strong coal odor at 4.0 ft. Backhoe bucket sample shows coal tar contamination in clay.		

OVA response - backhoe sample from 6.0 ft. 520 ppm.

Composite sample taken from $4.0\ \mathrm{ft.}$ to $6.0\ \mathrm{ft.}$ for laboratory analysis.

PROJECT NO.: 3437-N61 TEST PIT NO. TP-16

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG

CONTRACTOR: City Hill Construction, Inc. TRC Inspector: L. Stewart

DATE STARTED: 11/14/86 DATE COMPLETED: 11/14/86

DATE STARTED: 11/14/86 DATE PIT DIMENSIONS (W X L X D)): 2.0' x 8.0' x 5.8'

Depth (ft)	Description				
0.0-0.5	Black fill, including ash, coal clinkers, wood and brick fragments.				
1.6-5.8	Sandy, fill with clay. Blue-green and orange zone, 3 in. thick at 2.5 ft. (Moderate coal tar odor at 4.5 ft.) A black, low-viscosity material seeped from western side of pit.				

OVA response - backhoe sample from 3.9 ft. 3 ppm.

Composite sample taken from 2.5 ft. to 3.9 ft. for laboratory analysis.

TEST PIT NO. TP-17 PROJECT NO.: 3437-N61

PROJECT: Penn Yan Gas Plant

LOCATION: Penn Yan, N.Y. CLIENT: NYSEG

CONTRACTOR: City Hill Construction, Inc. TRC Inspector: L. Stewart

DATE COMPLETED: 11/18/86 DATE STARTED: 11/18/86

PIT DIMENSIONS (W X L X D)): 2.0' x 6.0' x 5.5'

Description Depth (ft) Soil fill. 0.0-0.5 0.5-5.5 Black, sandy rubble fill, including light gray ash, coal clinkers, wood chips, brick fragments. Water at 5.5 ft.

OVA response - backhoe sample from 5.5' Ambient.

Composite sample taken from 3.0 ft. to 5.5 ft. for laboratory analysis.

PROJECT NO.: 3437-N61

TEST PIT NO. TP-18

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG

LOCATION: Penn Yan, N.Y.

CONTRACTOR: City Hill Construction, Inc. TRC Inspector: L. Stewart

DATE STARTED: 11/14/86

DATE COMPLETED: 11/14/86

PIT DIMENSIONS (W X L X D)): 2.0' x 6.0' x 6.3'

Depth (ft)	Description				
0.0-0.5	Soil fill, sand and gravel				
0.5-6.3	Black rubble fill, including fragments of bricks and wood beams.				
	Purifier waste found at 4.7 ft.				

OVA response - backhoe sample from 6.3 ft. 4.0 ppm.

Composite sample taken from 3.0 ft. to 6.0 ft. for laboratory analysis.

PROJECT NO.: 3437-N61 TEST PIT NO. TP-19

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG LOCATION: Penn Yan, N.Y. CONTRACTOR: City Hill Construction, Inc. TRC Inspector: L. Stewart

DATE STARTED: 11/20/86 DATE COMPLETED: 11/20/86

PIT DIMENSIONS (W X L X D)): 2.0' x 3.0' x 4.0'

Depth (ft)	Description			
0.0-0.5	Gravel fill.			
0.5-4.0	Dark brown to black clay fill. Coal tar contamination visible in clay.			
	Brick fragments found in clay. Strong coal tar odor, but OVA response was ambient. Water at 4.0 ft.			

OVA response - backhoe sample from 4.0 ft. 1.2 ppm.

Composite sample taken from 2.5 ft. to 4.0 ft. for laboratory analysis.

PROJECT NO.: 3437-N61 TEST PIT NO. TP-20

PROJECT: Penn Yan Gas Plant

CLIENT: NYSEG

CONTRACTOR: City Hill Construction, Inc. TRC Inspector: R. Fox

DATE STARTED: 11/21/86 DATE COMPLETED: 11/21/86

PIT DIMENSIONS (W X L X D)): 2.0' x 8.0' x 3.9'

Depth (ft)	Description				
0.0-2.0 2.0-3.9	Brown soil fill with cobbles. Same material as above, with brick fragments. 3.9 ft.	Water at			

OVA response - backhoe sample from 3.9 ft. Ambient.

Sample for laboratory analysis not taken here.

APPENDIX B

BORING LOGS AND WELL CONSTRUCTION DIAGRAMS

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PROJECT NO. 3437 NG! PROJECT: NYSEG - Penn Yan CLIENT: New York State Electric and Gas Corp. LOCATION: Penn Yan, New York DRILLING CONTRACTOR: Empire Soils Inv., Inc. DRILLER: A. BO TRC INSPECTOR: BEG		TOP OF CASING ELEVATION: TSSC 736.03' WELL DEPTH: 54.0'	COMPLETED: 11/18/86 TOP OF SCREEN: 44.0' BOTTOM OF SCREEN: 54.0'
DEPTH BLOW ON PERCENT INTERVAL SPLIT SPOON RECOVERY 27 29' 7-8-9-10 90	(ppm) SAMPLES HNU/OVA ANALYZED NO	SAMPLE BESCRIPTION Same as above.	REMARK S
29-31' 5-4-6.5 100	ND	Stiff, dark brown, SILT and CLAY, trace fine gravel.	
31.33' 45.5.5 100	ND	Same as aboye.	
33 35. 3-3-3-4 100	ND	Firm, same as_above.	

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PROJECT NO. 3437-N61 PROJECT: NYSEG - Penn Yan CLIENT: New York State Electric and Gas Corp. LOCATION: Penn Yan, New York DRILLING CONTRACTOR: Empire Soils Inv., Inc. DRILLER: A. Bo TRC INSPECTOR: BEG		TOP OF CASING ELEVATION: FSSC 736.03' WELL DEPTH: 54.0'	COMPLETED: 11/18/86 TOP OF SCREEN: 44.0' BOTTOM OF SCREEN: 54.0'
DEPTH BLOW ON PERCENT INTERVAL SPLIT SPOON RECOVERY 35 37' 3-3 10-20 100	(ppm) SAMPLES HNU/OVA ANALYZED ND	SAMPLE DESCRIPTION Medium dense, grayish brown, grading to fine SAND.	
37 <u>-39' 10-12-14 16</u> 50	ND	Grading to medium SAND.	
39.41' 8-10-12-12 60	<u>ND</u>	Grading to coarse SAND.	
41-43' 8-10-12-12 100	ND	Grading to fine SANO.	

PROJ	ECT NO. <u>3437 N61</u>		P <i>f</i>	GŁ OF .	ROBINI NAT WATER	
PROJECT:	NYSEG - Penn Yan				TOP OF CASING ELEVATION: TSSC 736.03'	DATE STARTED: 11/17/8
CLIENT:	New York State Electric	and Gas Corp.			WELL DEPTH: 54.0'	COMPLETED: 11/18/80
LOCATION:	Penn Yan, New York				CASING STICK UP: 0.33"	TOP OF SCREEN: 44.01
DRILLING	CONTRACTOR: <u>Empire Soils</u>	Inv., Inc.			WATER LEVEL: 17.3'	BOTTOM OF SCREEN: 54.0'
DRILLER:	A . Bo				DRILLING METHOD: Spun Casing/Hollow Stem Auger - 4"	
	CTOR: BEG	- 1888		COt	PLETION AND DEVELOPMENT: 2" Stainless Steel Monitoring Well	
DEPTH INTERVAL	BLOW ON SPLIT SPOON	PERCENT RECOVERY	(ppm) HNU/OVA	SAMPLES ANAL (ZED	SAMPLE DESCRIPTION Same as above	REMARKS
43 45'	9-11-13-13	80	ND			
45 47	10-10-10-10	100	ŅD		Same_as above.	
						<u>.</u>
47.491	10-10-10-8	<u>65</u>	ND	<u> </u>	Grading to medium sand.	
						=
49 <u>51</u>	12 8-10 10	70	<u>ND</u>		Grading to medium GRAVEL including large cobbles.	

PROJ	ECT NO. 3/137-N61		PA	GE OF	BORING NO. MW 10	
PROJECT:	NYSEG - Penn Yan				TOP OF CASING ELEVATION: TSSC 736.03'	DATE STARTED: 11/17/86
CLIENT:	New York State Electric					COMPLETED: 11/18/86
LOCATION:	Penn Yan, New York				CASING STICK UP: 0.33"	TOP OF SCREEN: 44.0!
DRILLING	CONTRACTOR: Empire Soils	Inv., Inc.			WATER LEVEL: 17,3!	BOTTOM OF SCREEN: 54.0'_
DRILLER:	A. Bo				DRILLING METHOD: Spun Casing/Hollow Stem Auger 4"	
TRC INSPE	CTOR: BEG			CO	MPLETION AND DEVELOPMENT: 2" <u>Stainless Steel Monitoring Well</u> P	
DEPTH INTERVAL 51-53'	BLOW ON SPLIT SPOON 10-11-18-24	PERCENT RECOVERY 65	(ppm) HNU/OVA ND	SAMPLES ANALYZED	SAMPLE DESCRIPTION Dense, grading to coarse <u>SAND</u> .	REMARKS
53 55'	18-26-50-65	<u>25</u>	<u>NO</u>	· ·	Very dense, grading to medium SAND.	Monitoring well set and
						completed at 54!.
						<u> </u>
					<u></u>	
				. =		·····

			DΛ	GE OF _	BQRIF G	BORING NO. MW-15	
	CT NO. <u>3437-N61</u>					TOP OF CASING ELEVATION: TSSC 735.96'	DATE STARTED: 11/20/86
						WELL DEPTH: 30'	COMPLETED: 11/20/86
CLIENT:	New York State Electric					CASING STICK UP: 0.52"	TOP OF SCREEN: 15'
						WATER LEVEL: 22'	BOTTOM OF SCREEN: 30'
DRILLING C	ONTRACTOR: Empire Soils	Inv., Inc.				THOD: Spun Casing/Hollow Stem Auger - 4"	
DRILLER: A	. Во					OPMENT: 2" Stainless Steel Monitoring Well.	
TRC INSPEC	TOR: BEG			COt	MPLETION AND DEVE	OPMENT: 2" Stanness Steet monitoring weits.	rumpto arress escars
DEPTH INTERVAL	BLOW ON SPLIT SPOON	PERCENT RECOVERY	(ppm) HNU/OVA	SAMPLES ANALYZED	<u> </u>	SAMPLE DESCRIPTION	REMARKS Monitoring well set and
							completed at 30'.
							See Boring Log No.
							MW-lD for description.
					• 		

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PROJEC	T NO. <u>3437-N61</u>		P	AGE OF	BORING NO. MW_2S	
PROJECT: N	IYSEG - Penn Yan				TOP OF CASING ELEVATION: TSSC 720.14'	DATE STARTED: 11/24/86
CLIENT: N	lew York State Electri	c and Gas Corp.	·		WELL DEPTH: 19'	COMPLETED: 11/25/86
LOCATION: F	Penn Yan, NY				CASING STICK UP: 0.57"	TOP OF SCREEN: 3.3
DRILLING CO	ONTRACTOR: Empire Soil	s Inv., Inc.			WATER LEVEL: 6'	BOTTOM OF SCREEN: 191
DRILLER: A	. Bo				DRILLING METHOD: Hollow stem auger - 4".	
TRC INSPEC	TOR: <u>BEG</u>			COI	MPLETION AND DEVELOPMENT: 2" Stainless steel monitoring well.	Pumped until clear.
DEPTH INTERVAL 0-5'	BLOW ON SPLIT SPOON	PERCENT RECOVERY	(ppm) HNU/QVA ND	SAMPLES ANALYZED	SAMPLE DESCRIPTION Rubble, fill, including bricks and wood fragments, wood	REMARKS Augered first 5' without
					chips, and large stone slabs.	taking a split spoon
						sample,
57.'	5-4-4-4	60	ND	<u></u> -	Black <u>FILL</u> , including coal clinker, ash, brick, wood	
					fragments.	:
						ALBERT 100000 - 1000000
9 11'	3-5-8-12	60	ND		Same as above.	
					· · · · · · · · · · · · · · · · · · ·	
13-15'	4-5-7-8	75	ND		Firm, reddish-brown, SILT, little clay, trace fine gravel.	

BORING_40G BORING NO. MW-25____ PAGE ___ OF ___ PROJECT NO. 3437 N61 DATE STARTED: 11/24/86 TOP OF CASING ELEVATION: TSSC 720.11' PROJECT: NYSEG - Penn Yan COMPLETED: 11/25/86 WELL DEPTH: 19' CLIENT: New York State Electric and Gas Corp. TOP OF SCREEN: 3.3 CASING STICK UP: 0.57" **LOCATION: Penn Yan, NY** BOTTOM OF SCREEN: 19! WATER LEVEL: 6' _____ DRILLING CONTRACTOR: Empire Soils Inv., Inc. DRILLING METHOD: Hollow stem auger - 4". DRILLER: A. Bo COMPLETION AND DEVELOPMENT: 2" Stainless steel monitoring well. Pumped until clear. TRC INSPECTOR: BEG_____ SAMPLE SAMPLES (ppm) PERCENT DEPTH BLOW ON REMARKS DESCRIPTION RECOVERY HNU/OVA ANALYZED SPLIT SPOON Monitoring well set at INTERVAL Same as above. ND____ 100__ 17-19' ____ 3-3-4-4 19' . ____

PROJEC	CT NO. <u>3437-</u> N61		P	AGE OF	BORING NO. MW-40	
PROJECT: N	IYSEG - Penn Yan	<u></u>			TOP OF CASING ELEVATION: TSSC 718.87'	DATE STARTED: 11/21/86
CLIENT: N	New York State Electric	and Gas Corp.			WELL DEPTH: 39'	COMPLETED: 11/24/86
LOCATION: F	Penn Yan, NY				CASING STICK UP: 0.49" _	TOP OF SCREEN: 29°
DRILLING CO	ONTRACTOR: Empire Soil	Inv., Inc.			WATER LEVEL:1'	BOTTOM OF SCREEN: 39'
DRILLER: A.	. Во				DRILLING METHOD: Hollow stem auger 4".	
TRC INSPECT	TOR: BEG	_ .		CO	MPLETION AND DEVELOPMENT: 2"_Stainless_steel monitoring_well	
DEPTH INTERVAL 0 5'	BLOW ON SPLIT SPOON	PERCENT RECOVERY	(ppm) HNU/OVA	SAMPLES ANALYZED	SAMPLE DESCRIPTION Black_rubble_FILL_including_brick_fragments_and_intact	REMARKS
					railroad ties.	taking split spoon
						<u>samples. Water at .4'.</u>
5.7'	1-1-1-1*	10	ND		0.3' Very loose black ash FILL. 0.3' SILT and fine SAND.	*300 lb hammer. ND -
· · · · · · · · · · · · · · · · · · ·					trace_clay_trace_grayel	
						·- · · - · ·
7.91	3-2 1-1*	40	ND		Same as above, including wood fragment.	
						<u></u> . <u>-</u> - · - · · - · · · · · · · · · · · · ·
9 11'	3-2-3-1*	<u>55</u>	ND		Firm, reddish brown, CLAY, some silt, trace fine gravel.	

PROJECT NO. 3437-N61		PAGE _ OF	BORING NO. MW 4D	
PROJECT: NYSEG - Penn Yan			TOP OF CASING ELEVATION: TSSC 718.87'	DATE STARTED: 11/21/86
CLIENT: New York State Electric			mantu ani	COMPLETED: 11/24/86
LOCATION: Penn Yan, NY				TOP OF SCREEN: 29.
			WATER LEVEL: .1'	BOTTOM OF SCREEN: 39'
DRILLING CONTRACTOR: Empire Soil I	HV., INC.		DRILLING METHOD: Hollow stem auger - 4".	
DRILLER: A. Bo		CO	MPLETION AND DEVELOPMENT: 2" <u>Stainless steel monitoring well</u> .	
TRC INSPECTOR: BEG	_	Con		
DEPTH BLOW ON INTERVAL SPLIT SPOON 19 21' WOH, WOH, 2 3*	PERCENT RECOVERY 100	(ppm) SAMPLES HNU/OVA ANALYZED ND	SAMPLE DESCRIPTION Same as above including some silt, trace fine gravel	
			<u></u>	
21 23' 2-3-4 7*	100	ND	Same as above grading into loose, fine SAND.	
23-25' 4-4-5-6'	35	ND	Loose, brown, <u>SILT</u> , <u>trace fine sand and fine gravel.</u>	
25 27' 3 3 3 6 9*	<u>50</u>	ND	Same as above.	
				<u> </u>

BORIES LUG

PROJECT NO. 3437 N61 PROJECT: NYSEG - Penn Yan			GE OF	BORING NO. MW 40 TOP OF CASING ELEVATION:	TOD OF CACING FLEVATION: TSSC 718 871		
CLIENT:	New York State Electric a						COMPLETED: 11/24/86
	Penn Yan, NY				CACANG STICK IND. O ADM	_	TOP OF SCREEN: 29'
	CONTRACTOR: Empire Soil In				WATER LEVEL: _4'		BOTTOM OF SCREEN: 391
		17.1.1.10.			DRILLING METHOD: Hollow stem auger4".		
	A. BO			CON	PLETION AND DEVELOPMENT: 2" Stainless steel o	onitoring well.	Pumped until clear.
DEPTH INTERVAL 35:37	BLOW ON SPLIT SPOON 4:3 3 5*	PERCENT RECOVERY 60%	(ppm) HNU/OVA ND		SAMPLE DESCRIPTION Firm, gray, SILT and fine SAND, trace clay a	und fine gravel.	REMARKS
37-39!	3-3-3-3*	100	ND		Şame_a≤ above		
							gen
39-41'	10-18-24-22	<u>75 </u>	ND		Same as above.		140 lb hammer.
						<u> </u>	Monitoring.well set and
				.			
					and the second of the second o		

BORING DEPTH: 30'

DATE STARTED: 11/20/86

PROJECT: Penn Yan

DRILLER: A. Bo

DATE COMPLETED: 11/20/86

(10/87)

CLIENT: NYSEG

TRC INSPECTOR: Beverly Gewanter

WATER TABLE ELEVATION: 720.70

LOCATION: Penn Yan, N.Y.

DRILLING METHOD: Spun Casing/Hollow Stem Auger

GROUND ELEVATION: 736.48'

EPTH ITERVAL Feet)	BLOW COUNTS	OVA (ppm)	BORING DEPTH (Feet)	SOIL DESCRIPTION	STRATA	WELL CONSTRUCTION
0.0-5.0			0	Loose, brown/dk-brown, medium grained SAND and SILT, some rubble, some brick fragments, some coal clinkers		
			-	moist. FILL		
			-			国民
			-			
			-			- 周日
.0-7.0	23	ND	5	Same as above, including cobbles		
	2 4		-			
.0-9.0	2 4	ND	-	Same as above, grading to dense medium grained, SAND and SILT, moist, some wood chips		
	6 7		•	<u> </u>		
3.0-11.0	3 6	ФИ	~	Medium dense, brown, SILT, little clay, trace fine gravel		
	7 10		10	Time draver		
1.0-13.0	3 6	ND	-	Same as above		
	7 10		-			55
3.0-15.0	4 7	ND	-	Same as above	111	
	10 15		-			
5.0-17.0	-	ND	15			
			_			
7.0-19.0	7 14	ND	-	Hard, brown SILT, little clay, moist	44	
	17 19		_			
9.0-21.0	77	ND	_	Very stiff, brown CLAY, little silt	1.47.47.4	
	10 15	2	20			
1.0-23.0	28 32	ND	_	Same as above, grading to very dense,	111111	
	20 30		_	brown, SAND, some silt		凝重数
3.0-25.0	13 20	ND	-	Same as above, grading to hard, brown	15.00	聚国到
	20 10		_	SILT, some clay		
5.0-27.0	10 8	ND	25	Same as above, grading to very stiff, trace		
510 2710				fine gravel		
	8 10		-			
7.0-29.0	7 8	ND	-	Same as above		麗里觀
	9 10		-			
29.0-31.0	5.4	ND	-	Stiff, dk-brown, SILT and CLAY, trace fine gravel		
			30		(1600 F. 16	

BORING DEPTH: 55'

DATE STARTED: 11/17/86

PROJECT: Penn Yan

DRILLER: A. Bo

DATE COMPLETED: 11/18/86

CLIENT: NYSEG

TRC INSPECTOR: Beverly Gewanter

WATER TABLE ELEVATION: 718.82' (10/87)

LOCATION: Penn Yan, N.Y.

DRILLING METHOD: Spun Casing/Hollow Stem Auger - 4" GROUND ELEVATION: 736.36'

DRILLING CONTRACTOR: Empire Soils

DEPTH INTERVAL	DI CO	01:5	BORING DEPTH			WELL
(Feet)	BLOW COUNTS	OVA	(Feet)	SOIL DESCRIPTION	STRATA	CONSTRUCTION
reet)	COUNTS	(ppik)	(reet)	SOIL DESCRIPTION	SIRAIA	CONSTRUCTION
0.0-5.0			0	Loose, brown/dk-brown, medium grained SAND and SILT,	37.555.5	रक्षा चर्च
			=	some rubble, some brick fragments, some coal clinkers,		
			-	moist, FILL	6.2	
			_			
5.0-7.0	2 3	ND	5	Same as above, including cobbles		
	2 4		-			
7.0-9.0	24	ND	-	Same as above, grading to dense medium grained SAND	2 2 7 7	
	6 7		-	and SILT, moist, some wood chips		
0.0-11.0	3 6	ND	-	Medium dense, brown, SILT, little clay, trace	建筑建筑	
	7 10		10	fine gravel	建筑	F3 F3
0-13.0	36	ND	-	Same as above	The Contract	1:31 1:31
	7 10		-		45012 0	181 181
3.0-15.0	47	ND	-	Same as above	80 E.A	
	10 15		_		(2003)	
5.0-17.0	-	ND	15		1926 St	
			-		1. A	
7.0-19.0	7 14	ND	-	Hard, brown SILT, little clay, moist	经 有效	
	17 19		-		1843 15 T	
9.0-21.0	77	ND	-	Very stiff, brown CLAY, little silt		[4] [4]
	10 15		20		1 1	- 13月3月
.0-23.0	28 32	ND	-	Same as above, grading to very dense,	!	
	20 30		-	brown, SAND, some silt		
3.0-25.0	13 20	ND	-	Same as above, grading to hard, brown		
	20 10		-	SILT, some clay		
5.0-27.0	10 8	ND	25	Same as above, grading to very stiff, trace	2823	- 154 BH
	8 10		-	fine gravel		#31 T:4
7.0-29.0	78	ND	-	Same as above	200	
	9 10		-			
9.0-31.0	5 4	ND	-	Stiff, dk-brown, SILT and CLAY, trace fine gravel	200	
	65		30			191 191
1.0-33.0	45	ND	-	Same as above		[12]
	5 5		-			Fil [ii]
3.0-35.0	3 3	ND	-	Firm, same as above	1111	
	3 4					
5.0-37.0	3 3	ND	35	Medium dense, grayish-brown, grading to fine	1 1	
	10 20		-	grained SAND		
7.0-39.0	8 10	ND	-	Grading to medium grained SAND	11:1:1:1	
0 0-61 0	12 12		-	Condition to account court	1 - 1 - 1	(6) E3
9.0-41.0	8 10	ND		Grading to coarse grained SAND	100000	
1 0-42 0	12 12	N.	40	Conding to fine control cases	10000	
1.0-43.0	8 10	ND		Grading to fine grained SAND	Kiri (144	
45 .	12 12		-		1:::::	
3.0-45.0	9 11	ND	-	Same as above	100000	□ □ □ □ □ □
- 0-47 0	13 13	110	46	Camo ag shaue		[E 1 1
5.0-47.0	10 10	ND	45	Same as above	1000001	
	10 10		-		<u>∤</u> 100001	10000000
7.0-49.0	10 10	ND	-	Grading to medium grained SAND	toody	
	10 8		-		[1]	
9.0-51.0	12 8	ND	-	Grading to medium grained GRAVEL,	1	
	10 10		50	some large cobbles	100001	
1.0-53.0	10 14	ND	-	Dense, grading to coarse grained SAND	100001	
	18 24		-		10000	
3.0-55.0	18 26	ND	-	Very dense, grading to medium grained SAND		
	50 65		-			
			55			

BORING DEPTH: 19'

DATE STARTED: 11/24/86

PROJECT: Penn Yan

DRILLER: A. Bo

DATE COMPLETED: 11/25/86

CLIENT: NYSEG

TRC INSPECTOR: Beverly Gewanter

WATER TABLE ELEVATION: 714.29 (10/87)

LOCATION: Penn Yan, N.Y.

DRILLING METHOD: Hollow Stem Auger

GROUND ELEVATION: 720.61'

DRILLING CONTRACTOR: Empire Soils

DEPTH INTERVAL (Feet)	BLOW	OVA (mqq)	BORING DEPTH (Feet)	SOIL DESCRIPTION	STRATA	WELL CONSTRUCTION
(Feer)	COUNTS	\pp/				
0.0-3.0			0	Brown, GRAVEL, some cobbles, some sand, some silt, moist, FILL		-0.7
			-			
			-			-2.3
3.0-5.0			-	RUBBLE, some brick frags, some wood chips, some large stone \$labs, FILL		_3.3
			-		100	
5.0-7.0	5 4	ND	5	Black, SILT and SAND, some coal clinkers, some ash, some wood fragments, FILL		
	4 4		-	Some nood traymonto, 1985		
			-			
			-			
9.0-11.0	3 5	ND	=	Firm, Reddish-brown, SILT, some clay, trace fine sand, trace fine gravel		
	8 12		10			
			-			
			-			
13.0-15.0	4 5	ND	-	Firm, reddish-brown SILT, little clay, trace fine gravel	12 13 6 N	
	7 8		-	2210 32200		
	_	ND	15			
			_			
17.0-19.0	3 3	ND	_	Same as above		
	4 4		_			
			19		经基础	_19.

Battom of Boring - 19 feet

BORING DEPTH: 17'

DATE STARTED: 11/25/86

PROJECT: Penn Yan

nn Yan DRILLER: A. Bo

DATE COMPLETED: 11/25/86

CLIENT: NYSEG

TRC INSPECTOR: Beverly Gewanter

WATER TABLE ELEVATION: 715.21' (10/87)

LOCATION: Penn Yan, N.Y.

DRILLING METHOD: Hollow Stem Auger - 4"

GROUND ELEVATION: 718.73

DRILLING CONTRACTOR: Empire Soils

DEPTH INTERVAL (Feet)	BLOW COUNTS	OVA (ppm)	BORING DEPTH (Feet)	SOIL DESCRIPTION	STRATA	CONSTRUCTION
0.0-5.0			0	Black, RUBBLE, some light gray ash, some wood chips, some coal clinkers, moist, FILL		-1.0°
			-			
			-			
5.0-7.0	3 2	ND	5	Very loose, dark brown, fine SAND and SILT, some coal clinkers, some wood fragments, FILL		
	23		-			
			_			
9.0-11.0	4 5	>10p	pm -	Very loose, reddish-brown fine SAND and CLAY, little silt		
	5 6		10			(A) 基础
			-			
3.0-15.0	2 2	ND	-	Reddish-brown fine grained SAND and CLAY, little silt, grading to very loose, some wood frags.		
	2 2		-			
	-	ND	15			
			-			

Bottom of Boring - 17 feet

BORING DEPTH: 17'

DATE STARTED: 11/24/86

PROJECT: Penn Yan

Yan DRILLER: A. Bo

DATE COMPLETED: 11/24/86

CLIENT: NYSEG

TRC INSPECTOR: Beverly Gewanter

WATER TABLE ELEVATION: $\frac{714.57}{(10/87)}$

LOCATION: Penn Yan, N.Y.

DRILLING METHOD: Hollow Stem Auger

GROUND ELEVATION: 728.98'

DRILLING CONTRACTOR: Empire Soils

DEPTH INTERVAL (Feet)	BLOW COUNTS	OVA (mqq)	BORING DEPTH (Feet)	SOIL DESCRIPTION	STRATA	WELL CONSTRUCTION
0.0-5.0			0	Black, RUBBLE, some brick fragments, some intact railroad ties, FILL		_1.0
			-			
			-			2. −2.
			-			
			-		122	
5.0-7.0	1 1	ND	5	Very loose, black, ASH		
	1 1		-	SILT and fine grained SAND, trace clay, trace		
	3 2	ND	_	gravel, FILL Same as above, including some wood fragment		
7.0-9.0	3 2	ип		Same us above, mercany manner		
	1 1		-			
9.0-11.0	3 2	ND	-	Firm, reddish brown CLAY, some silt, trace fine gravel		
	3 4		10			
11.0-13.0	3 3	ND	*	Same as above		
	4 3		-			
13.0-15.0	1 2	ND	-	Same as above, grading to soft		
	1 2		-		!	
15.0-17.0	1 2	ND	15	Soft, grayish-brown, CLAY		'
	1 1		-		ļ	
			_			

Bottom of Boring - 17 feet

BORING LOG

PROJECT NO. 3437-N61 PROJECT: Penn Yan

CLIENT: NYSEG

LOCATION: Penn Yan, N.Y.

DRILLING CONTRACTOR: Empire Soils

BORING DEPTH: 391

DRILLER: A. BO
TRC INSPECTOR: Beverly Gewanter
DRILLING METHOD: Hollow Stem Auger - 4*

BORING NO. 4-4D
DATE STARTED: 11/7/86
DATE COMPLETED: 11/24/86
WATER TABLE ELEVATION: Artesian
GROUND ELEVATION: 719.36

DEPTH NTERVAL (Feet)	BLOW COUNTS	OVA (ppm)	BORING DEPTH (Feet)	SOIL DESCRIPTION	STRATA	CONSTRUCTION
.0-5.0			0	Black RUBBLE, some brick fragments, some	1885F2	
			_	intact railroad ties, FILL		
			_			
			-			
			_			
5.0-7.0	1 1	ND	5	very loose, black, ASH		图 图
	1 1		-	SILT and fine grained SAND, trace clay, trace gravel, FILL		
7.0-9.0	3 2	ND	-	Same as above, including some wood fragment		
	1 1		**		i a	
9.0-11.0	3 2	ND	-	Firm, reddish brown, CLAY, some silt, trace fine	150	周 樹
	3 4		10	gravel		
1.0-13.0	3 3	ND	_	Same as above		
	4 3		_		 	
3.0-15.0	1 2	ND	_	Same as above, grading to soft		
3.0-13.0		ИD		Commence Commence (process of the commence of		
	1 2			n-fainh-heory CIAV		周周
5.0-17.0	1 2	ND	15	Soft, grayish-brown, CLAY		
	1 1		-			
7.0-19.0	WOH, WO	DN HO	-	Same as above		
	WOH, 1		-			
19.0-21.0	WOH, WO	H ND	-	Same as above, including some silt, trace fine		
	2 3		20	gravel		[11]
21.0-23.0	2 3	ND	_	Same as above grading into loose, fine grained		
	4.7		_	SAND	7771775	
		ND		Loose, brown, SILT, trace fine grained sand trace		
23.0-25.0		ND	-	fine gravel	704	
	5 6		_			
25.0-27.0	3 3	NĐ	25	Same as above		
	6 9		-			
27.0-29.0	5 7	ND	-	Same as above, grading into medium dense, trace clay		
	9 11		-	Ciaj		
29.0-31.0	2 3	ND	-	Loose grayish brown, fine grained SAND	- 37 S	
	4 4		30		1888	
31.0-33.0		ND		Grading to medium grained SAND		
-1.0 00.0	23		_	•		
				and a fire control saub		
33.0-35.0		ND		Grading to fine grained SAND		
	3 3		=			
35.0-37.0	4 3	ND	35	<pre>Firm, gray, SILT and fine grained SAND, trace clay, trace fine gravel</pre>		
	3 5		-	42-1, 16400 1-110 31-1-1-		
37.0-39.0	3 3	ND	-	Same as above		基基数
	3 3		_			
39.0-41.0		NE) -	Firm, gray SILT and fine grained SAND, trace		
A 41.1				clay, trace fine gravel		

والمستعدد والمستوس مهرا المرازي والمستعدد والمستعد والمستعدد والمستعد والمستعدد والمست

APPENDIX A

SOIL BORING/SEDIMENT CORING LOGS



Boring/Well		SB-05 P	Project No.	NYSEG/	AY0153.002					Page	1 of	_1
Site Location	150 Water S	Street., Penn Y	an, NY	Drilling	Started _	11/2/93			Drilling C		11/2/93	
Total Depth	Drilled _	10		feet	Hole Diameter	6.5	i	inches	71.0 To To To 100 100 100	f Sample/ g Device	Split spoon	
Length and I		24" x 2	2"						Sampling	Interval	2	feet
Land-Surfac Elevation		720.5		feet	[X Surveyed		Estimated		Datum		
Drilling Flui	d Used	None					_	Drilling	Method	Hollow Ste	m Auger	
Drilling Cor	dractor	Buffalo	Drilling Co	mpany, Ir	ic.	Dri	ller]	Mike Saly		_ Helper	Mark	
Prepared By		P . Ho	lloway					Hammer Weight	140	Hammer Drop	30	inches
Sample/Co (feet below las	ad surface)	Core Recovery	Time/Hye Pressur Blows I	re or per 6								
From	To	(feet)	inch	es	1		San	nple/Core	Description			PID
0	2	2.0	9-10-1	5-12	FILL; brown	-black SAND, co	oarse; and	d Gravel fine	to coarse; lit	tle to trace coa	1,	0.0
					cinders, dry	loose.						
2	4	1.5	14-15-1	10-17	Same FILL t	o 3.5', most at 3	.0'; then	yellow brow	n silty CLAY	; trace fine Gr	avel, angular;	0.0
					appears distu	arbed, moist.						
4	6	1.8	4-2-4	4-7	Same silty C	LAY to 5.0'; the	n become	es green mot	tled silty CLA	Y, trace fine (Gravel; stiff.	
					moist.			College Colleg		idliana (anti-		
6	8	2.0	6-7-9	-14	Same moist,	plastic.						0.0
		2020	40.202	un erur								1151/16
8	10	2.0	3-7-1	1-16	Same to 9.0	; then laminated	yellow b	rown SILT a	nd red CLAY	(0.0
<u> </u>		 			+							
					1							
						90 90						
							-					
				***************************************	+							
		-			-							



Boring/Well		SB-06 F	Project No. NYSE	EG/AY0153.002 Page 1 of	1
Site Location	150 Water S	treet., Penn Y	an, NY Drilli	illing Started 11/2/93 Drilling Completed 11/2/93	
Total Depth I	Drilled _	10	feet	Hole Type of Sample/ Diameter 6.5 inches Coring Device Split spoon	
Length and D of Coring De		24" x 2	2"	Sampling Interval 2	feet
Land-Surface Elevation		18.55	feet	X Surveyed Estimated Datum	
Drilling Fluid	d Used _	None		Drilling Method Hollow Stem Auger	
Drilling Cont	tractor _	Buffalo	Drilling Company,	y, Inc. Driller Mike Saly Helper Mark	
Prepared By		Р. Но	lloway	Hammer Hammer Weight 140 Drop 30	inches
Sample/Co (feet below la	and surface)	Core Recovery	Time/Hydrauli Pressure or Blows per 6	r 6	12023
From	To	(feet)	inches	Sample/Core Description	PID
0	2	2.0	5-5-7-3	FILL: Brown-black SAND medium to coarse, and Gravel, fine to coarse, some coal	0.0
				cinders, chips; loose, dry.	
2	4	2.0	3-2-3-4	FILL: Disturbed yellow-brown silty CLAY, dry, some green-gray mottling.	0.0
4	6	1.5	3-3-5-5	Same, with trace cinders, coal; moist.	0.0
6	8	1.8	3-3-2-4	Same, moist.	
8	10	2.0	3-9-10-15	Same to 8.5'; then yellow-brown silty CLAY; some fine Gravel, angular, dense,	0.0
				28 18 88 8	
		-		undisturbed, dry.	0.0
		-			
	1				



Boring/Well	74-1-7-410-7-	SB-07 P	roject No. NYSEG/	AY0153.002 Page 1 of _	1
Site Location	150 Water S	Street., Penn Y	an, NY Drilling	g Started 11/2/93 Drilling Completed 11/2/93	
Total Depth	Drilled _	10	feet	Hole Type of Sample/ Diameter 6.5 inches Coring Device Split spoon	
Length and l		24" x 2	2.*	Sampling Interval 2	feet
Land-Surfac Elevation		718.65	feet	X Surveyed Estimated Datum	
Drilling Flui	d Used	None		Drilling Method Hollow Stem Auger	
Drilling Con	tractor	Buffalo	Drilling Company, In	ne. Driller Mike Saly Helper Mark	
Prepared By		P. Ho	lloway	Hammer Hammer Weight 140 Drop 30	inches
Sample/Co (feet below la From		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	Samuela/Comp Description	
From	10	(1661)	lucties	Sample/Core Description	PID
0	2	1.5	3-3-4-3	FILL: Brown-balck SAND, medium to coarse; and GRAVEL, fine; little coal cinders, wood chips	
				loose, dry.	0.0
22	4	0.5	2-2-2-1	Same, loose, dry.	0.0
4	6	0.5	.45-32-16	Wood chips; void 4.0-4.5.	8.0
6	8	1.0	13-9-7-8	Same; yellow-brown silty CLAY in shoe.	0.0
	10	1.8	4-3-5-4	Yellow-brown silty CLAY, some fine gravel; moist, plastic.	0.0
		-			
		_			
		-			
-		-			
		-			
		-			



Boring/Well	SS 01	Pro	oject/No.	NYSEG	AY0153.0	002				Page	1	of _	1
Site Location	150 Water St	reet, Penn Yan,	, NY	_ Drillin	g Started	11/5/93			Drilling Co	mpleted	11/5/93	1	
Total Depth	Drilled _	. 5		_fcet	Hole Diamete	er <u>3</u>		inches	Type of Coring	Sample/ Device	Split spoo	on	
Length and of Coring I		3*							Sampling I	nterval			feet
Land-Surfa Elevation	ce			_feet		Surveyed		Estimated		Datum			
Drilling Flu	uid Used _	None						Drilling	Method		Tripod		
Drilling Co	ontractor _	Buffalo I	Drilling Co	mpany, I	nc.	D	riller	Dan		Helper	Dan, Ed		
Prepared By	12-1	P. Hollo	way					Hammer Weight	140	Hammer Drop	30		inches
	Core Depth land surface) To	Core Recovery (feet)	Press	lydraulic sure or s per 6 ches				Sample/Core	Description				PID
710	T	T		Luco				Sample/Core	Description	-			TID
0	5	3.5			Gray-bla	ack SILT with org	anics;	gray-black fine to	medium Sand	l, and Silt, the	en 1 foot of		1.1
					gray-b	rown Clay, plastic	o	-					
	-				_				*********				
	-												-
					-								-
	17. 5												
							Upon						



3ori	ng/Well	SS 02		Proje	ct/No. NYSEG AYO	153.002			Page	1	of1	_
Site	ation	150 Wate	er Street,	Penn Yan, N	NY Drilling Star	ted 11/5/93		Drilling Co	ompleted	11/5/93		
Tota	l Depth	Drilled		5		Hole ameter 3	inches		Sample/ Device	Split spoon		_
	gth and I	Diameter evice		3"		In a second seco		Sampling 1	Interval		feet	ı
	d-Surface				feet	Surveyed	Estimated		Datum			
Dri	ling Flui	d Used		None			Drilling	Method	Nacional Company	Tripod		
Dri	ling Con	tractor	00=457	Buffalo Dri	illing Company, Inc.	Drille	r Dan	40554417047	Helper	Dan, Ed		
Pre	pared			P. Hollowa	У		Hammer Weight	140	Hammer Drop		inc	hes
(1	Carlotte Control	/Core Dep w land sur	Section of the second	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Sample/0	Core Descrip	otion			PID
	525			44 4.1%			FE 820 - 80	2 8 8				
1	0	_	5	4.5		Gray-black SILT with orga	anics then gray-bla	ck fine and me	edium Sand, s	ome Silt; then		1.4
4						lower 2' is gray-brown C	Clay, soft, plastic.					
1		_			N							
-												
-	*******											
_					1							-
- [
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-												



ation 150	Water Street	Penn Yan, NY	Drilling Starte	ed 11/5/93		Drilling Co	mpleted	11/5/93			
adon 150	water Street,	reini Tan, 141		Tole		Type of		11/3/93			
al Depth Drilled		5		meter 3	_inches	Coring		Split spoon		_	
gth and Diamet Coring Device	er 	3*				Sampling I	nterval	-	feet	t	
nd-Surface vation			feet	Surveyed	Estimated		Datum				
lling Fluid Used		None			Drilling	Method		Tripod	od		
lling Contractor		Buffalo Drilling Company, Inc. Driller Dan Helper Dan, Ed									
pared		P. Holloway			Hammer Weight	140	Hammer Drop	30	incl	he	
Sample/Cor (feet below lar		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	1	Sample/	Core Descri	ption			_	
0	5	1.5		Gray-black SILT, with organ	nics then 1.0' of	gray-brown C	lay, soft, plan	stic.			
										T	
										t	
										ł	
										1	
61.7						7				t	
		\vdash							-	t	
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										1	
										+	



Boring/Well	SS 04	Project/	No. NYSEG AY	70153.002					Page	1_	_ of _	1	
Site Location 15	0 Water Street	, Penn Yan, NY	Drilling S	tarted _	11/5/93			Drilling C	ompleted	11/5/9	3		_
Total Depth Dri	lled	5	feet	Hole Diameter	3		inches		Sample/ Device	Split spo	on		
Length and Dias of Coring Device		3"					200	Sampling				feet	_
Land-Surface			700		10.5			Jumpung		-		1001	
Elevation Drilling Fluid U	sed	None	feet	ι	Surveyed	L	Estimated Drilling	Method	Datum	Tripod			
Drilling Contract	21		ng Company, Inc.		Drii	ler	Dan		Helper	Dan, Ed			
Prepared By		P. Holloway					Hammer Weight	140	Hammer Drop	30		inch	ies
(feet below	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	:			Sample/0	Core Descri	ption				PID
0	5	2.3		Gray-t	black SILT with o	rgani				c.			1.1
									7,1001, 51111	-			*.*
									10.32-00-10-1				-
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Boring/Well	SS 05	Pro	ject/No. NYSEG	AY0153.00)2			Page	1 of	1
Site Location	150 Water Str	eet, Penn Yan,	NY Drilling	Started	11/5/93		Drilling C	ompleted	11/5/93	
				Hole			t moundmound so	Sample/		
Total Depth D	Drilled		feet	Diameter	3	inches		Device	Split spoon	
Length and D of Coring Dev		3"					Sampling	Interval	Y <u></u>	feet
Land-Surface Elevation			feet		Surveyed	Estimated		Datum		
Drilling Fluid	Used	None				Drilling	Method		Tripod	
Drilling Contr	ractor	Buffalo I	Drilling Company, In	c.	Drill	er <u>Dan</u>		Helper	Dan, Ed	
Prepared By		P. Hollov	way			Hammer Weight	140	Hammer Drop	30	inches
Sample/Co (feet below la	und surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6			01.10				
From	To	(feet)	inches	T		Sample/Cor	e Descriptio	n		PID
0	5	2.9		Gray-bla	ck sandy SILT with	organics then 0.8' o	of gray-brown	Clay, soft, pla	astic.	0.0
										
		1								-
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									70-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
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В	oring/Well	SS 06		Proje	ct/No.	NYSEG	AY01:	53.002	2		-00			Page	1	_ of _	1	
Si	te ocation	150 Water	Street,	Penn Yan, N	ΙΥ	_ Drilling			11/	5/93				Completed	11/5/9	3		
T	otal Depth	Drilled		5		_feet		lole meter	3			_inches		of Sample/ ng Device	Split spo	on		-
	ength and I			3*									Sampling	Interval			fee	et.
	and-Surface levation					_ feet			Sur	veyed		Estimated		Datum	·			
D	rilling Flui	d Used		None							_	Drilling	Method		Tripod			
D	rilling Con	tractor		Buffalo Dri	lling Co	mpany, Ir	nc.		-	Dri	ller	Dan		Helper	Dan, Ed			
P B	rep ared y			P. Hollows	у							Hammer Weight	140	Hammer Drop	30		in	ches
		/Core Dept w land surf	ace)	Core Recovery (feet)	P	e/Hydraul ressure or lows per 6 inches						Samula (C	ana Danani					WD.
9	From	T -	Ů	(reet)		niches						Sample/C	ore Descri	puon				PID
	0		5	3.6			-	Gray-b	olack SIL	T with or	ganica	then 0.6' of gr	ay-brown C	lay, soft, plastic				0.0
		-									-							
1																		
								Line-e-a	are dec							- 1		
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Boring/Well	SS 07	Pro	ject/No. NYSEG	AY0153.00	2			Page	1 of	1
Site Location	150 Water Stre	et, Penn Yan,	NY Drilling	Started	11/5/93		Drilling Co	ompleted	11/5/93	
Total Depth	Drilled	5	feet	Hole Diameter	3	inches	Type of Coring	Sample/ Device	Split spoon	
Length and I		3*					Sampling 1	Interval		feet
Land-Surface Elevation	}		feet		Surveyed	Estimated	5 (24) (25)	Datum		
Drilling Flui	d Used	None	101,-1201		AND AND A TONOR	200	Method	11.000474.9974	Tripod	
Drilling Con		Buffalo D	Orilling Company, Inc	c.	Drill	er Dan		Helper	Dan, Ed	
Prepared By		P. Hollov	way		***************************************	Hammer Weight	140	Hammer Drop	30	inches
(feet below)	Core Depth land surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6							
From	To	(feet)	inches	Т		Sample/Co	re Descriptio	on		PID
0	5	3.1		Gray-bla	ck SILT with organ	ics, little fine Sand	then 1.3' of gr	ay-brown Cla	y, soft plastic.	0.0

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В	oring/Well	SS 08	Projec	t/No. NYSEG AYO	153.002					Page	of	1	_
Si		0 Water Street,	Penn Yan, N	Y Drilling Sta	rted	11/5/93			Drilling Co	ompleted	11/5/93		_
T	otal Depth Dril	led	5		Hole iameter	3		_inches	Type of Coring	Sample/ Device	Split spoon		_
	ength and Diar Coring Devic		3*						Sampling I	interval		fee	ı
	and-Surface levation			feet		Surveyed		Estimated		Datum			
D	rilling Fluid U	sed	None				_	Drilling !	Method		Tripod		_
D	rilling Contrac	tor	Buffalo Drii	ling Company, Inc.		Drille	er	Dan		Helper	Dan, Ed		_
	repared y		P. Hollowa	у				Hammer Weight	140	Hammer Drop	30	inc	hes
	Sample/C (feet below la		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches				Sample/C	ore Descrip	tion			PID
	00	5	2.3		Gray-blac	k SILT with or	ganic	s; little fine San	d then 1.5' of	gray-brown	Clay, soft plastic.	-	1.1
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Boring/Well	SS 09	Proje	ct/No. NYSEG A	Y0153.002				Page	1 of	1
Site Location 1	50 Water Stree	t, Penn Yan, I	NY Drilling	Started _	11/5/93		_ Drilling C	ompleted	11/5/93	
Total Depth Dr	illed	5	foet	Hole Diameter	3	inches		Sample/ Device	Split spoon	
Length and Dia of Coring Device		3*					Sampling	Interval		feet
Land-Surface Elevation			feet		Surveyed	Estimated		Datum		
Drilling Fluid U	Jsed	None		-		Drillin	g Method		Tripod	
Drilling Contra	ctor	Buffalo Dr	illing Company, Inc		Drille	er Dan		Helper	Dan, Ed	
Prepared By		P. Hollows	ny			Hammer Weight		Hammer Drop	30	inches
Sample/Co (feet below la	and surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6							
From	To	(feet)	inches			Sample/	Core Descript	ion		PID
0	5	3.0		Gray-bla	ck SILT with orga	nics then 0.7' of g	gray-brown Clay	, soft, plastic.		1.1
							35-2011) L-Market L-1			
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						- Francisco - Company				



Boring/Well	SS 10	Projec	NYSEG AYO	153.002			Page		of1	_
Site Location 15	0 Water Stree	t, Penn Yan, N	Y Drilling Star	rted11/4/93		Drilling Co	mpleted	11/4/93		_
Total Depth Dril	lled	5		Hole ameter 3	inches	Type of S Coring		Split spoon		
Length and Dian of Coring Device		3"				Sampling Ir	nterval		feet	
Land-Surface Elevation	-		feet	Surveyed	Estimated		Datum			
Drilling Fluid U	sed	None			Drilling 1	Method		Tripod		
Drilling Contrac	tor	Buffalo Dri	lling Company, Inc.	Driller	Dan	7	Helper	Dan, Ed		
Prepared By		P. Hollowa	У		Hammer Weight	140	Hammer Drop	30	inch	nes
Sample/Co (feet below la From		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Sample/Co	ore Descripti	on			PID
	T	T	200.00						T	TID
0	5	1.0		Gray-black SILT with organic	s, trace fine Sand	l, product odor	, globules th	en 0.4' of		64.8
				gray blue-brown Clay, soft, p	lastic.					
No including		1								_
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Boring/Well	SS 11	Pro	ject/No. NYSEG A	Y0153.002			Page	1 of	1
Site Location	150 Water Stre	et, Penn Yan,	NY Drilling S	11CM174C— 1		Drilling Con		11/4/93	
Total Depth I	Orilled	5	feet	Hole Diameter 3	inches	Type of Se Coring I		Split spoon	
Length and D of Coring De		3*				Sampling In	terval		feet
Land-Surface Elevation			feet	Surveyed	Estimated		Datum		
Drilling Fluid	Used	None			Drilling	Method _		Tripod	
Drilling Cont	ractor	Buffalo D	orilling Company, Inc.	. Driller	Dan		Helper	Dan, Ed	
Prepared By		P. Hollov	way		Hammer Weight	140	Hammer Drop	30	inches
(feet below l	Core Depth and surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6		S1-10	D			DVD.
From	To	(feet)	inches	T	Sample/Col	re Description			PID
0	5	4.2		Gray-black SILT with organics	then 2.3' of gray	-brown Clay, so	oft, plastic.		1.7
		-							
							et-st-sale		



Boring/Well	SS 12	Proj	ect/No. NYSEG A	Y0153.002				Page	1	of	1
Site Location	150 Water Stre	eet, Penn Yan,	NY Drilling S	venneren	11/4/93		Drilling Co	ompleted	11/4/93		
Total Depth D		5	feet	Hole Diameter	3	inches	Type of Coring	Sample/ Device	Split spoon		
Length and Do of Coring Dev		3"					Sampling 1	nterval			feet
Land-Surface Elevation			feet	[Surveyed	Estimated		Datum			
Drilling Fluid	Used	None				Drilling	Method		Tripod		
Drilling Contr	ractor	Buffalo D	rilling Company, Inc.		Driller	Dan		Helper	Dan, Ed		
Prepared By		P. Hollow	/ay			Hammer Weight	140	Hammer Drop	30		inches
Sample/C (feet below be	ore Depth and surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches			Sample/Co	re Descriptio	on.			PID
				HARD STEPAN	NANS 0.075435014 SCHOOL 19						1110
0	5	1.6		Gray-blac	ek SILT with organics	then 0.5' of gray	-brown Clay,	soft, plastic.			2.6
		-									
										A COLUMN	
							(207-2-11)	********			



В	oring/Well	SS 1	3 Projec	ct No. NYSEG AYO	153.002			Page	1 of	1	_
	ite ocation 15	0 Water Stree	t, Penn Yan, N	A CONTRACTOR PROPERTY OF THE STATE	Marcon Commission Comm		Drilling Co	mpleted	11/4/93		_
Т	otal Depth Dril	led	5		Hole ameter 3	_inches	Type of S Coring		Split spooon		_
0	ength and Dian f Coring Device		3"				Sampling I	nterval		feet	
	and-Surface Elevation			feet	Surveyed	Estimated		Datum			
I	Orilling Fluid U	sed	None			Drilling	Method		Tripod		_
I	Orilling Contrac	tor	Buffalo Dr	illing Company, Inc.	Driller	Dan		Helper	Dam. Ed		
	Prepared By		P. Hollowa	у		Hammer Weight	140	Hammer Drop	30	incl	nes
	Sample/Cor (feet below lar		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Sample/C	Core Descrip	tion			PID
	From	10	(reet)	шенез		Campier	ore Descrip				
	0	5	1.8		Gray-black SILT with organic	s then 0.7' of g	ray-brown Cla	y, soft, plast	ic.		22.6
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Во	ring/Well	SS 1	4 Proje	ct No. NYSEG AYO	153.002			Page	1 of	1	_
Sit		50 Water Stree	t, Penn Yan, I	NY Drilling Star	ted 11/4/93		Drilling Co	mpleted	11/4/93		
То	tal Depth Dri		5		Hole ameter 3	inches	Type of S Coring	Sample/	Split spooon		_
	ngth and Dia Coring Device		3"				Sampling I	nterval		feet	
	nd-Surface evation			feet	Surveyed	Estimated		Datum			_
Dı	rilling Fluid U	Jsed	None			Drilling !	Method		Tripod		-
Di	rilling Contra	ctor	Buffalo D	rilling Company, Inc.	Driller	Dan		Helper	Dam. Ed		_
Pr By	epared		P. Hollows	у		Hammer Weight	140	Hammer Drop	30	inch	cs
	Sample/Co feet below la From		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Sample/0	Core Descrip	tion			PID
١	ATV.		Name of		12				2		125543
ıŀ	00	5	3.5		Gray-black SILT with organic	s, then 0.9' of	gray-brown Cl	ay; soft, plas	tic.	-	11.3
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oring/Well	SS	15 Proje	ect No. NYSEG AY	0153.002		Page	1 of	1
ite ocation <u>15</u>	0 Water Stree	et, Penn Yan, I	NY Drilling Sta	11/4/93		Drilling Completed	11/4/93	
otal Depth Dril	lled	5		Hole iameter 3	inches	Type of Sample/ Coring Device	Split spooon	
ength and Dian Coring Device		3*				Sampling Interval		feet
and-Surface evation			feet	Surveyed	Estimated	Datum		
rilling Fluid U	sed	None			Drilling N	fethod	Tripod	
illing Contrac	tor	Buffalo D	rilling Company, Inc.	Driller	Dan	Helper	Dam. Ed	
repared		P. Hollows	ny		Hammer Weight	Hammer 140 Drop	30	inches
Sample/Cor feet below lan From		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Sample/Co	re Description		1
7.0		(icet)	III. II.Co		Sample/Co	re Description		Т.
0	5	4.0		Gray-black SILT with organic	s then 1.7' of gra	y-brown Clay; soft, plast	ic.	_
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Boris	ng/Well	SS 16	Project	No. NYSEG AYO15	53.002			Page		of1	
Site Loca	tion 150 V	Water Street, 1	Penn Yan, NY	Drilling Started	11/4/93		Drilling Co	ompleted	11/4/93		20
Tota	l Depth Drilled	ı	5	Hol		inches		Sample/ Device	Split spooon		
	th and Diamet oring Device		3"				Sampling	Interval		feet	
	I-Surface ation			feet	Surveyed	Estimated		Datum			
Drill	ing Fluid Used	ı	None			Drilling	Method		Tripod		
Drill	ing Contractor		Buffalo Drill	ing Company, Inc.	Driller	Dan		Helper			·
Prep By	ared		P. Holloway			Hammer Weight	140	Hammer Drop	Wilder or the Harrison	30 inches	
	Sample/Co (feet below las		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Samul	e/Core Dese	reintion			
					1			Attended to the second			PID
	0	5	1.8		Gray-black SILT with org	anics then 0.2' o	f gray-brown	Clay; soft, p	lastic.		1.4
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Boring/Well	ss	17 Proje	ct No. NYSEG AYO	0153.002			Page	1 of	1	_
Site Location 15	0 Water Stree	et, Penn Yan, N				Drilling Co	ā.	11/4/93		_
Total Depth Dril	lled	5		Hole ameter 3	inches	Type of S Coring		Split spooon		_
Length and Diar of Coring Devic		3"				Sampling In	nterval		feet	
Land-Surface Elevation			foot	Surveyed	Estimated		Datum			
Drilling Fluid U	sed	None			Drilling	Method		Tripod		
Drilling Contrac	tor	Buffalo Di	rilling Company, Inc.	Driller	Dan		Helper			
Prepared By		P. Hollows	зу		Hammer Weight	140	Hammer Drop	30	incl	nes
Sample/Co (feet below lar From		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Sample/0	Core Descrip	tion			PID
							CAMILL COMPLETE			
0	5	3.1		Gray-black SILT with organi	ics then 0.5' of g	ray-brown Cla	y; soft, plast	ic.		1.7
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Boring/Well	SS	18 Proje	ct No. NYSEG AYO	0153.002			Page	1 of	1	
Site Location 15	50 Water Stree	et, Penn Yan, N	NY Drilling Sta	rted11/4/93		Drilling C	ompleted	11/4/93		_
Total Depth Dri	lled	5		Hole ameter 3	_ inches		Sample/ Device	Split spooon		_
Length and Diar of Coring Devic		3*				Sampling	Interval	All South and to citizeness (177 Mar 1970) and the citizeness (177 Mar 197	feet	
Land-Surface Elevation			feet	Surveyed	Estimated		Datum			
Drilling Fluid U	Ised	None			Drilling	Method		Tripod		
Drilling Contract	10	Buffalo Dr	rilling Company, Inc.	Driller	Dan	V	Helper			
Prepared By		P. Hollowa	у			Hammer Weight 140	Hammer Drop	30	incl	hes
Sample/Co (feet below las		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Sample/C	ore Descri	ption			PID
0	5	2.9		Garan black SH Taulish associa	1 01 -6 -					
		2.9		Gray-black SILT with organic	s, then 1.8 of g	ray-brown C	lay; soft, plas	tic.	-	2.3
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F	Boring/Well	SS 19	Projec	No. NYSEG AYO1	153.002			Page	1	of1	_
	ocation 150) Water Street	, Penn Yan, N	Y Drilling Starte	ed <u>11/4/93</u>		Drilling Com	pleted	11/4/93		_
7	Total Depth Drill	ed	5		fole meter 3	inches	Type of Sa Coring D		Split spooon		
(Length and Diam of Coring Device		3*				Sampling Inte	erval		fee	t
1	Land-Surface Elevation			feet	Surveyed	Estimated		Datum		-	
	Drilling Fluid Us		None			_ Drilling	Method _		Tripod		
	Drilling Contractor Prepared	or	Buffalo Dri	illing Company, Inc.	Drille	r <u>Dan</u> Hammer		Helper Hammer	Dam. Ed		_
	Ву —		P. Holloway	<u> </u>		Weight	140	Drop		30 in	hes
	Sample/Co (feet below lar		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Sample	Core Descript	tion			PID
4			1,,,,,	and it co		Sample	core bescript				T 110
1	0	5	3.6		Gray-black SILT with or	ganics, then 0.8' of	gray-brown Cla	y; soft, pla	astic.		0.0
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Bo	ring/Well	SS 2	20 Projec	ct No. NYSEG AYO	153.002			Page	1 of	1_	_
Site		50 Water Stree	t, Penn Yan, N	NY Drilling Star	ted11/4/93		Drilling Co	mpleted	11/4/93		_
To	al Depth Dri	illed	5		fole ameter 3	inches	Type of Coring		Split spooon		
	ngth and Dias Coring Device		3"				Sampling I	nterval		feet	
	nd-Surface vation			feet	Surveyed	Estimated		Datum		8	
Dr	illing Fluid U	Jsed	None		Section 2	Drilling	Method		Tripod		
Dr	illing Contrac	ctor	Buffalo Dr	rilling Company, Inc.	Dril	2.3-117-113-7	AT SALES TO	Dam. Ed			
	Prepared By		P. Hollowa	у		Hammer Weight	140	Hammer Drop	30	incl	nes
(Sample/Co feet below la From	ore Depth and surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Sample/	Core Descrip	otion			PID

	0	5	3.9		Gray-black SILT with o	rganics, then 1.4' of	gray-brown Cl	lay; soft, plan	itic.		0.0
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	Boring/Well _	SS 21	Project	No. NYSEG AYO1	53.002			Page	10	f <u> </u>	_
	Site Location 150	Water Street,	Penn Yan, NY				Drilling Con		11/4/93		-
	Total Depth Drille	d	5	Ho feet Dian		inches	Type of S Coring 1		Split spooon		_
	Length and Diame of Coring Device	ter	3"				Sampling In	itorval		feet	
	Land-Surface Elevation			feet	Surveyed	Estimated		Datum			
	Drilling Fluid Use	d	None		ASSESSED ON THE	Drilling	Method		Tripod		
	Drilling Contracto	r	Buffalo Drill	ing Company, Inc.	Driller	Dan		Helper	Dam. Ed		3
	Prepared By		P. Holloway			Hammer Weight	140	Hammer Drop		0 inche	
	Sample/Cor (feet below lan	d surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6							
	From	To	(feet)	inches		Sample	Core Descri	ption			PID
1	0	5	3.8		Gray-black SILT with organ	nics then 1.3' of	gray-brown Cl	ay; soft, pla	stic.		0.0
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Total Depth Dri	lled	et, Penn Yan, 1	NY Drilling St			Drilling Co	mpleted	11/4/93		
Total Depth Dri	lled		Drilling St			Drilling Co	moreted	11/4/03		
18		5		Hole		Type of		11/4/75		-
	meter		feet [Diameter 3	inches			Split spooon		2
Length and Dia of Coring Device	e	3"	707			Sampling I	nterval		feet	
Land-Surface Elevation			feet	Surveyed	Estimated		Datum			_
Drilling Fluid U	sed	None			Drilling	Method		Tripod		
Drilling Contract	tor	Buffalo D	rilling Company, Inc.	Drille	r Dan		Helper	Dam. Ed		
Prepared By		P. Hollows	у		Hammer Weight	140	Hammer Drop	30	inches	
Sample/Co (feet below lar		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Sample/6	ore Descrip	tion			PID
110		(icc)	inches		Sample/C	ore Descrip	uon		Т,	rib
0	5	3.3	· · · · · · · · · · · · · · · · · · ·	Gray-black SILT with orga	nics, then 0.6' of	ray-brown Ch	sy; soft, plast	ic.	_	0.0
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			Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, which i							

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В	oring/Well	SS 2	Projec	t No. NYSEG AYO	153.002			Page	1 of	1	_
Si		150 Water Street	, Penn Yan, N	Y Drilling Starte	ed11/5/93		Drilling Co	mpleted	11/5/93		-
Т	otal Depth D	rilled	5		fole meter3	inches	Type of S Coring		Split spooon		_
	ength and Di Coring Dev		3"				Sampling In	nterval		feet	
100	and-Surface levation			feet	Surveyed	Estimated		Datum	-		
D	rilling Fluid	Used	None			Drilling	Method		Tripod		_
D	rilling Contr	actor	Buffalo Dr	illing Company, Inc.	Driller	Dan		Helper	Dam. Ed		_
P B	repared y		P. Hollowa	у		Hammer Weight	140	Hammer Drop	30	inch.	es
		Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Sample/	Core Descri	ption			PID
-		12	182				X 2 2		425		4.2
7	0	5	4.3		Gray-black SILT with organ	nics, then 1.6' of	gray-brown C	lay; soft, pl	astic.		0.0
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ring/Well .	SS 2	4 Projec	t No. NYSEG AYO	153.002			Page	of	1
cation 150	Water Street	, Penn Yan, N	Y Drilling Star	ted 11/4/93		Drilling Co	mpleted	11/4/93	
tal Depth Drill	ed	5		Hole ameter3	inches	Type of Coring		Split spooon	
ngth and Diam Coring Device		3*				Sampling I	nterval		feet
nd-Surface vation			feet	Surveyed	Estimated	ounding .	Datum	- Vi	
lling Fluid Us	ed .	None		Sarveyee	Drilling	Method	Datum	Tripod	
lling Contract		Buffalo Dri	illing Company, Inc.	Driller	- 10 000 VA 000 C		Helper	Dam. Ed	
pared		P. Holloway	у		Hammer Weight	140	Hammer Drop		inches
Sample/Cor feet below lan	id surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6		S	·	1,000		
From	То	(feet)	inches		Sample/0	Core Descrip	xion		
0	5	2.1		Gray-brown SILT with org	anics, then 0.9' of	f gray-brown (Clay; soft, p	lastic.	
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	1 100								
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				(8)					