
			<h1>Test Pit Log</h1>			<h2>TP-1</h2>	
PROJECT NO: 60137361				TEST PIT DESIGNATION: TP-1		SURFACE ELEVATION: 8.81 (ft NAVD88)	
CLIENT: National Grid				SITE LOCATION OR AREA: North edge of #5 holder		START DATE: 5/19/2010	
SITE NAME: Metropolitan Former MGP Site				EQUIPMENT USED: Excavator		FINISH DATE: 5/19/2010	
GEOLOGIST: J. Pfeiffer				OPERATOR: PPM / Op-Tech		START TIME: 10:05	
DEPTH WATER ENCOUNTERED: 3.85 ft bgs				TOTAL DEPTH: 3.85 ft bgs		FINISH TIME: 13:30	
DEPTH (FEET)	VISUAL IMPACTS (FEET)	PID HEADSPACE (PPM)	SOIL STRATIG- RAPHY USCS	SOIL CLASS USCS	SOIL DESCRIPTION LOG	STRUCTURES ENCOUNTERED OR COMMENTS	
1				FILL	0' - 0.6': ASPHALT	Collected sample TP-1 (1.5') 1.5' bgs assumed building slab adjacent to holder. Slab is located at the most Northern 4' length of the total 15' Test pit was extended 3' to the North to get around concrete slab. Collected sample TP-1 (3.8')	
2		7.5			0.6' - 2': FILL: Brown, sandy silt. 75% Brick pieces, concrete pieces, marble rubble, glass. Slab found at 2.3' bgs.		
3					at 2' 2" CONDUIT 2.3' - 2.8': Concrete Slab		
4		36.9			3.8': Bottom of wood 3.85' Water table (possibly perched) End of Test Pit at 3.85 ft bgs		
Definitions: 1.) NA - Not Applicable 4.) bgs - below ground surface 7.) NAVD 88 - North American Vertical Datum of 1988 2.) ft - feet 5.) ppm - parts per million 8.) U.S.C.S. - Unified Soil Classification System 3.) SAA - Same As Above 6.) PID - Photo Ionization Meter							

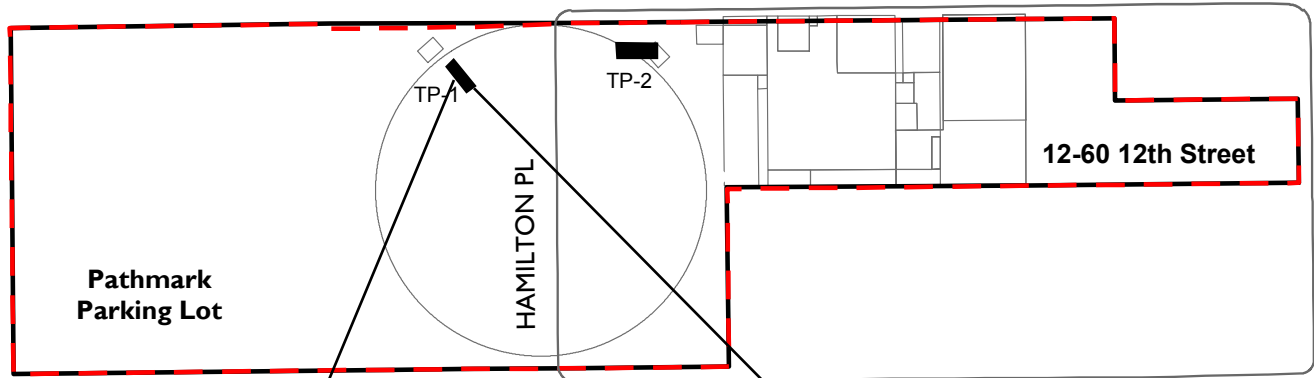
TP-1 was backfilled with material removed, with hot asphalt rolled on the surface to grade.



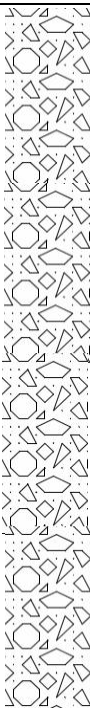
Test Pit Log

TP-1

PROJECT NO: 60137361	TEST PIT DESIGNATION: TP-1	SURFACE ELEVATION: 8.81 (ft NAVD88)
CLIENT: National Grid	SITE LOCATION OR AREA: North edge of #5 holder	START DATE: 5/19/2010
SITE NAME: Metropolitan Former MGP Site	EQUIPMENT USED: Excavator	FINISH DATE: 5/19/2010
GEOLOGIST: J. Pfeiffer	OPERATOR: PPM / Op-Tech	START TIME: 10:05
DEPTH WATER ENCOUNTERED: 3.85 ft bgs	TOTAL DEPTH: 3.85 ft bgs	FINISH TIME: 13:30



TP-2

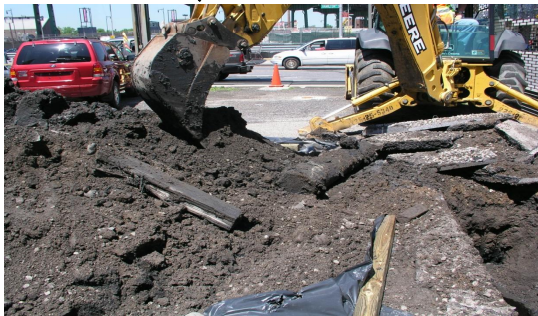
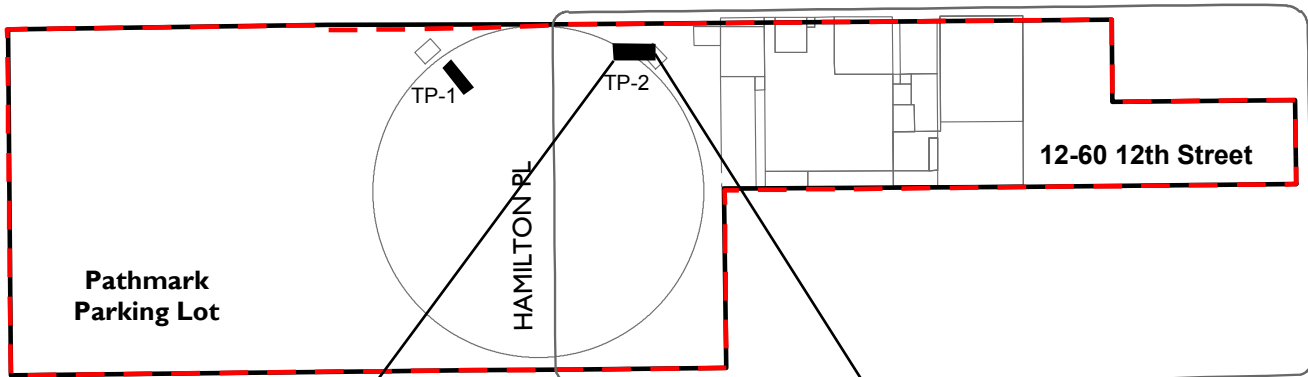
PROJECT NO: 60137361				TEST PIT DESIGNATION: TP-2		SURFACE ELEVATION: 8.74 (ft NAVD88)	
CLIENT: National Grid				SITE LOCATION OR AREA: Eastern edge of #5 holder		START DATE: 5/20/10	
SITE NAME: Metropolitan Former MGP Site				EQUIPMENT USED: Excavator		FINISH DATE: 5/20/10	
GEOLOGIST: S. Pandya / J. Pfeiffer				OPERATOR: PPM / Op-Tech		START TIME: 11:14	
DEPTH WATER ENCOUNTERED: 9.0 ft bgs				TOTAL DEPTH: 6.5 ft bgs		FINISH TIME: 13:30	
DEPTH (FEET)	VISUAL IMPACTS (FEET)	PID HEADSPACE (PPM)	SOIL STRATIG- RAPHY USCS	SOIL CLASS USCS	SOIL DESCRIPTION LOG	STRUCTURES ENCOUNTERED OR COMMENTS	
				FILL	0' - 6.5': FILL: gravel, sand, and loose bricks. Two wood piles approximately 4.5' long and 12" in diameter.	Gravel, sand, and loose brick FILL continues from top to bottom of test pit. TP-2 sample (4' - 4.5') Probable purchased water entered test pit on removal of wood ties.	
1					1' - 2.5': Fuel oil-like smell.		
					1.85': pipe; 2" diameter steel pipe in a north to south direction.		
2					2.5' - 6.5': MGP like odor.		
					2.7': Concrete pad in North - South direction. Lots of sand and bricks overlapping concrete pad.		
3					4.5': Standing water with an oil-like material approximately 2 cm thick on top, moderately viscous.		
4							
5							
6							
7							
End of Test Pit at 6.5 ft bgs							
Definitions:						TP-2 was backfilled below the water table with 3/8" stone. The material removed was replaced just below the surface. The extra material was placed in a roll-off for disposal. Hot asphalt rolled on the surface to grade.	
1.) NA - Not Applicable		4.) bgs - below ground surface		7.) PID - Photo Ionization Meter			
2.) ft - feet		5.) ppm - parts per million		8.) U.S.C.S. - Unified Soil Classification System			
3.) SAA - Same As Above		6.) NAVD 88 - North American Vertical Datum of 1988					

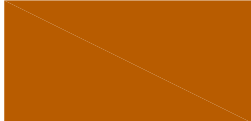



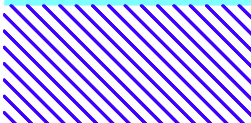





Test Pit Log

TP-2

PROJECT NO: 60137361		TEST PIT DESIGNATION: TP-2	SURFACE ELEVATION: 8.74 (ft NAVD88)
CLIENT:	National Grid	SITE LOCATION OR AREA: Eastern edge of #5 holder	START DATE: 5/20/10
SITE NAME:	Metropolitan Former MGP Site	EQUIPMENT USED: Excavator	FINISH DATE: 5/20/10
GEOLOGIST:	S. Pandya	OPERATOR: PPM / Op-Tech	START TIME: 11:14
DEPTH WATER ENCOUNTERED:	9.0 ft bgs	TOTAL DEPTH: 6.5 ft bgs	FINISH TIME: 13:30



	TAR SATURATED
	INTERBEDDED LENSES OF SATURATED TAR
	BLEBS, GLOBS, LENSES, COATINGS
	TAR SHEEN/ STAINING
	TAR/ NAPHTHALENE-LIKE ODORS
	PETROLEUM SHEEN/ STAINING
	PETROLEUM ODORS
	SOLID TAR
	PURIFIER MATERIAL
	PURIFIER ODORS

NOTES:

1. USE ONLY THE COLOR KEYS FOR THE CONDITIONS THAT ARE ENCOUNTERED AT A GIVEN SITE. IF CONDITIONS DESCRIBED ABOVE DO NOT EXIST, DO NOT USE IN LEGEND.
2. THE COLOR DESCRIPTORS ABOVE ARE TO BE USED IN CONJUNCTION WITH THE "ENVIRONMENTAL TERMINOLOGY FOR SOIL DESCRIPTIONS" BY M. PASTER OF GEI CONSULTANTS, INC.

NATIONAL GRID IMPACT COLORS

nationalgrid

**COLORS FOR
NATIONAL GRID IMPACTS**

February 2011

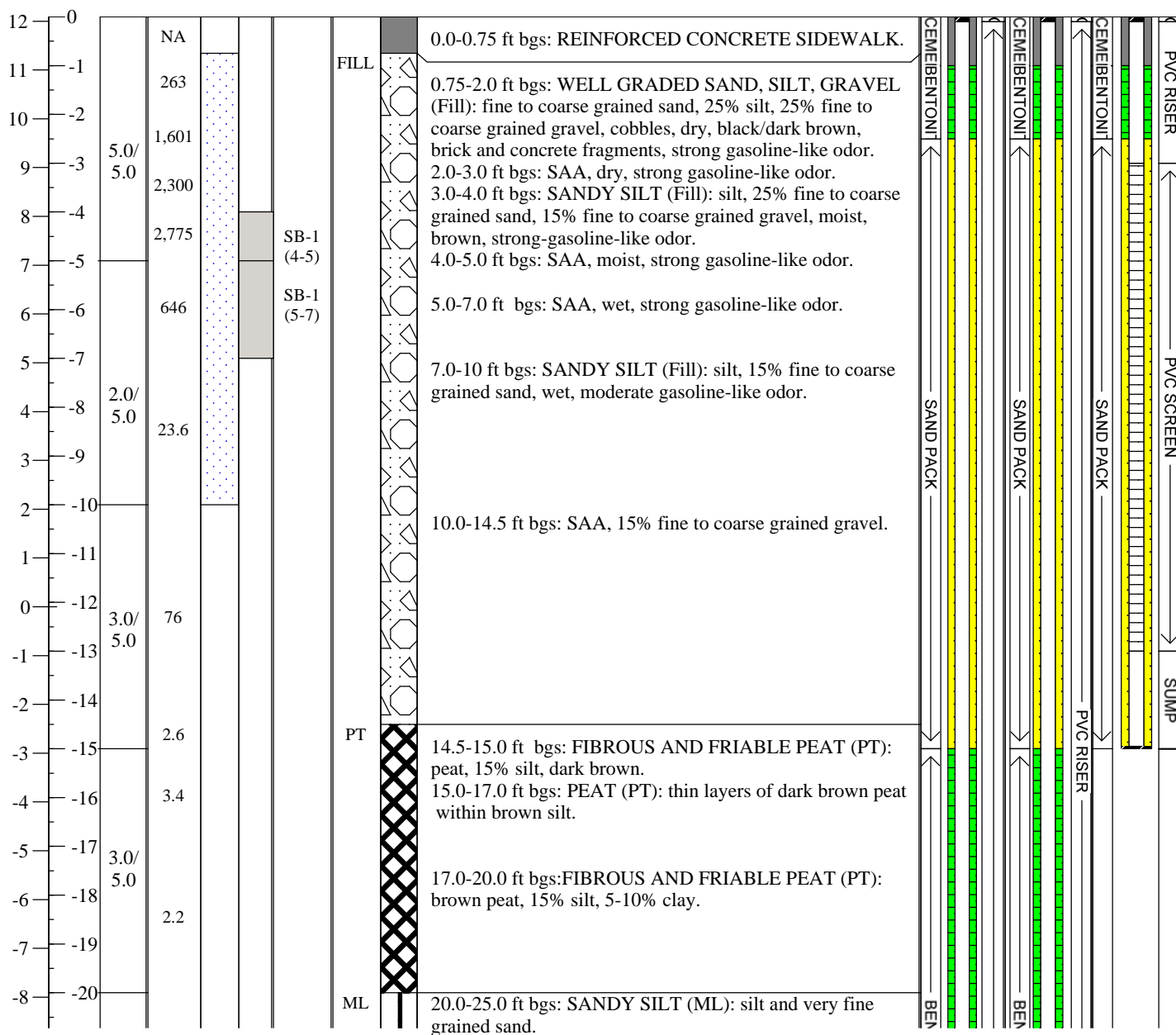


Boring ID: SB-1 / MW-1

Page 1 of 4

Project Name: Metropolitan Former MGP	Drilling Company: Boart Longyear	Water Level: ~5 ft bgs
Project Number: 60137361-300	Drilling Method: Sonic	Total Depth: 72 ft bgs
Client: National Grid	Sampling Method: 5 ft disposable plastic liner	Ground Elevation: 12.09'(I/D)11.99'(S)NAVD88
Date Pre-Cleared: 4-5-2010	Boring Diameter: 8"	Converted To Well (Y/N): Yes
Date Started/Completed: 4-6-2010/4-8-2010	Logged By: Stephen Wright	Well ID: MW-1D/ MW-1I/ MW-1S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction		
										MW-1D	MW-1I	MW-1S



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Boring was converted into Monitoring Well: MW-1D/1I/1S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid
- 10) NR - no recovery



Boring ID: SB-1 / MW-1

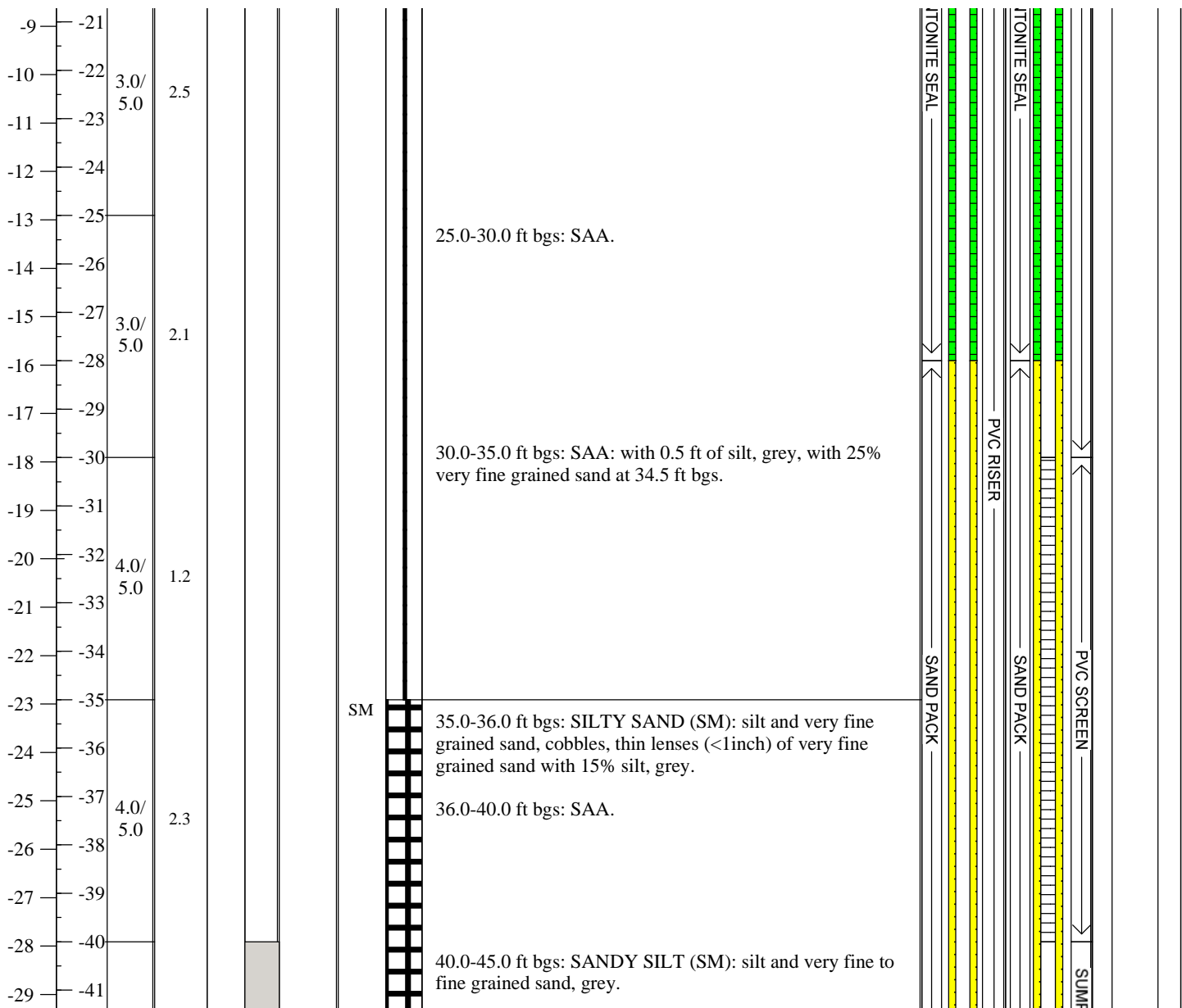
Page 2 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-5-2010
Date Started/Completed: 4-6-2010/4-8-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5 ft disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~5 ft bgs
Total Depth: 72 ft bgs
Ground Elevation: 12.09'(I/D)11.99'(S)NAVD88
Converted To Well (Y/N): Yes
Well ID: MW-1D/ MW-1I/ MW-1S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction		
										MW-1D	MW-1I	MW-1S



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Boring was converted into Monitoring Well: MW-1D/1I/1S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid
- 10) NR - no recovery



Boring ID: SB-1 / MW-1

Page 3 of 4

Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-5-2010

Date Started/Completed: 4-6-2010/4-8-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5 ft disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~5 ft bgs

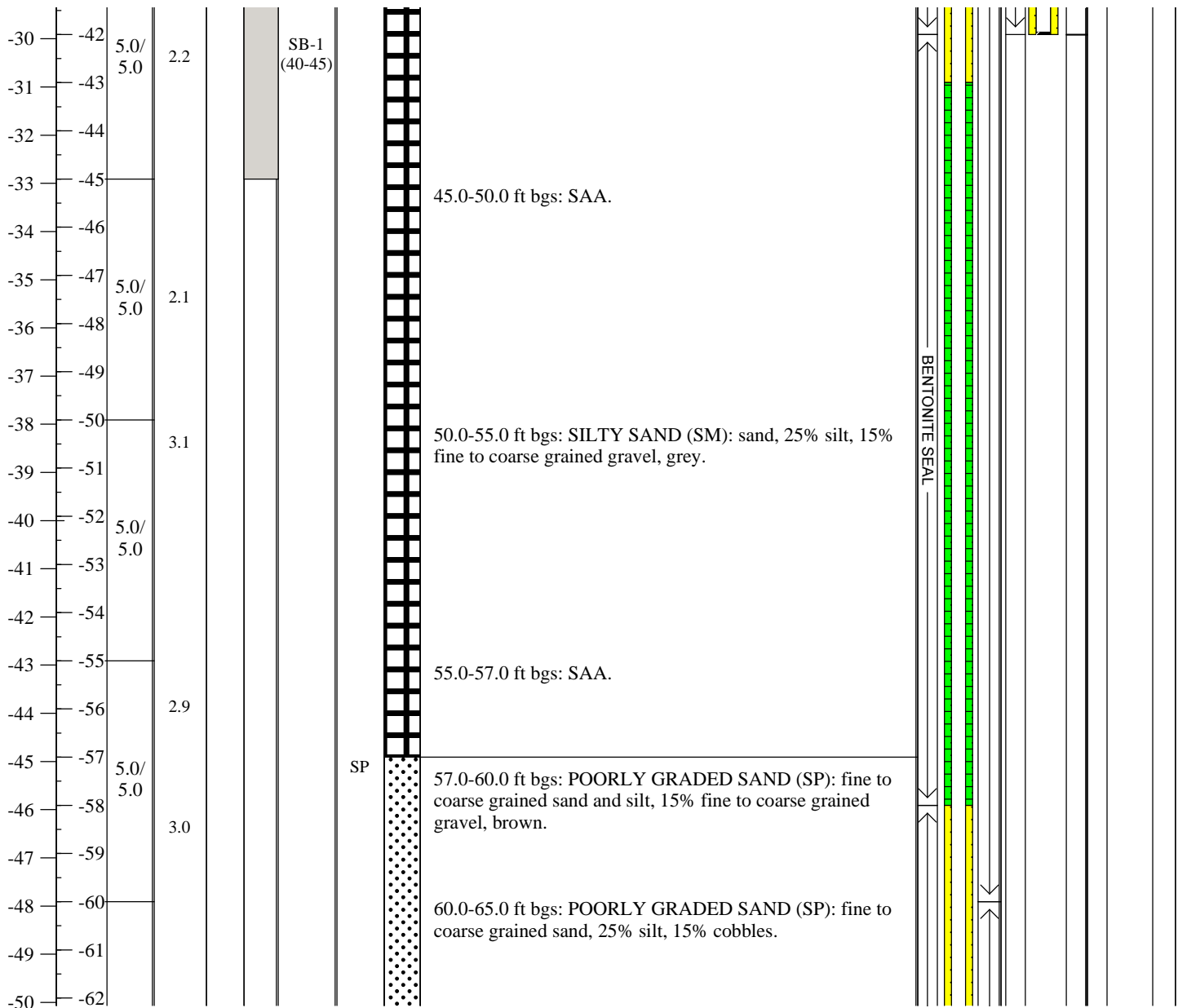
Total Depth: 72 ft bgs

Ground Elevation: 12.09'(I/D)11.99'(S)NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-1D/ MW-1I/ MW-1S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-1D MW-1I MW-1S



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Boring was converted into Monitoring Well: MW-1D/1I/1S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid
- 10) NR- no recovery

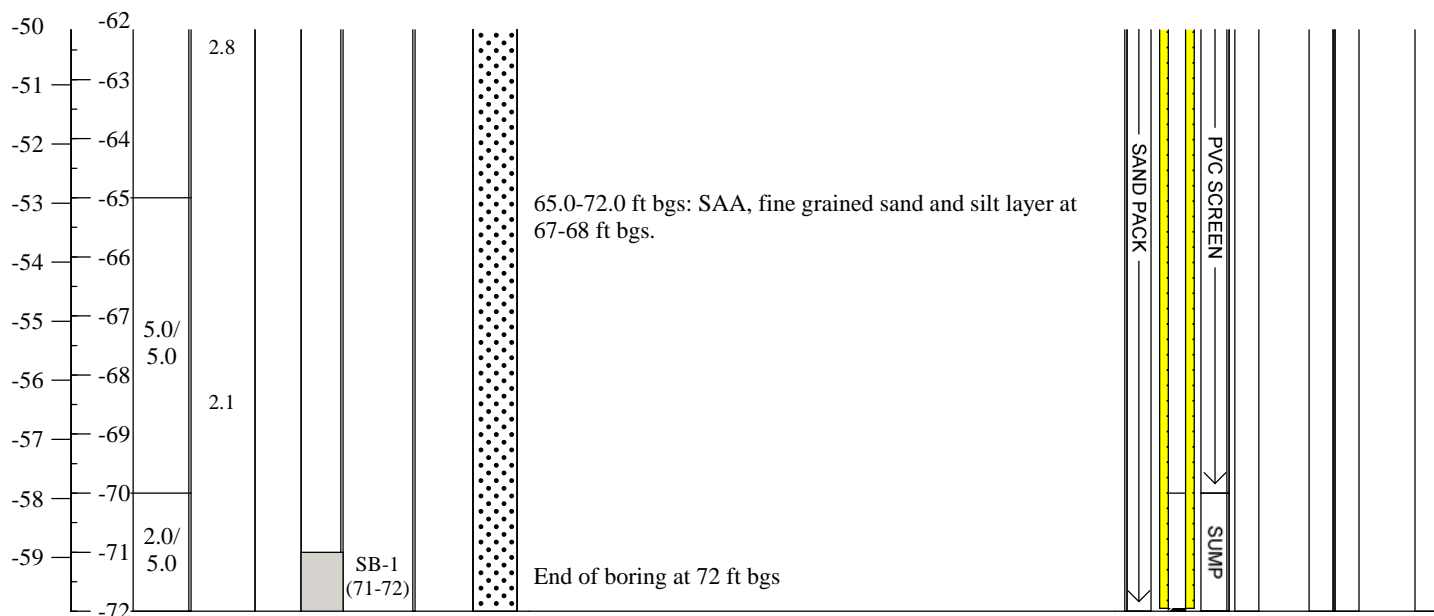


Boring ID: SB-1 / MW-1

Page 4 of 4

Project Name: Metropolitan Former MGP Project Number: 60137361-300 Client: National Grid Date Pre-Cleared: 4-5-2010 Date Started/Completed: 4-6-2010/4-8-2010	Drilling Company: Boart Longyear Drilling Method: Sonic Sampling Method: 5 ft disposable plastic liner Boring Diameter: 8" Logged By: Stephen Wright	Water Level: ~5 ft bgs Total Depth: 72 ft bgs Ground Elevation: 12.09'(I/D)11.99'(S)NAVD88 Converted To Well (Y/N): Yes Well ID: MW-1D/ MW-1I/ MW-1S
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Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction		
										MW-1D	MW-1I	MW-1S



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Boring was converted into Monitoring Well: MW-1D/1I/1S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid
- 10) NR- no recovery



Boring ID: SB-2 / MW-2

Page 1 of 4

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 4-2-2010

Date Started/Completed: 4-8-2010/4-9-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

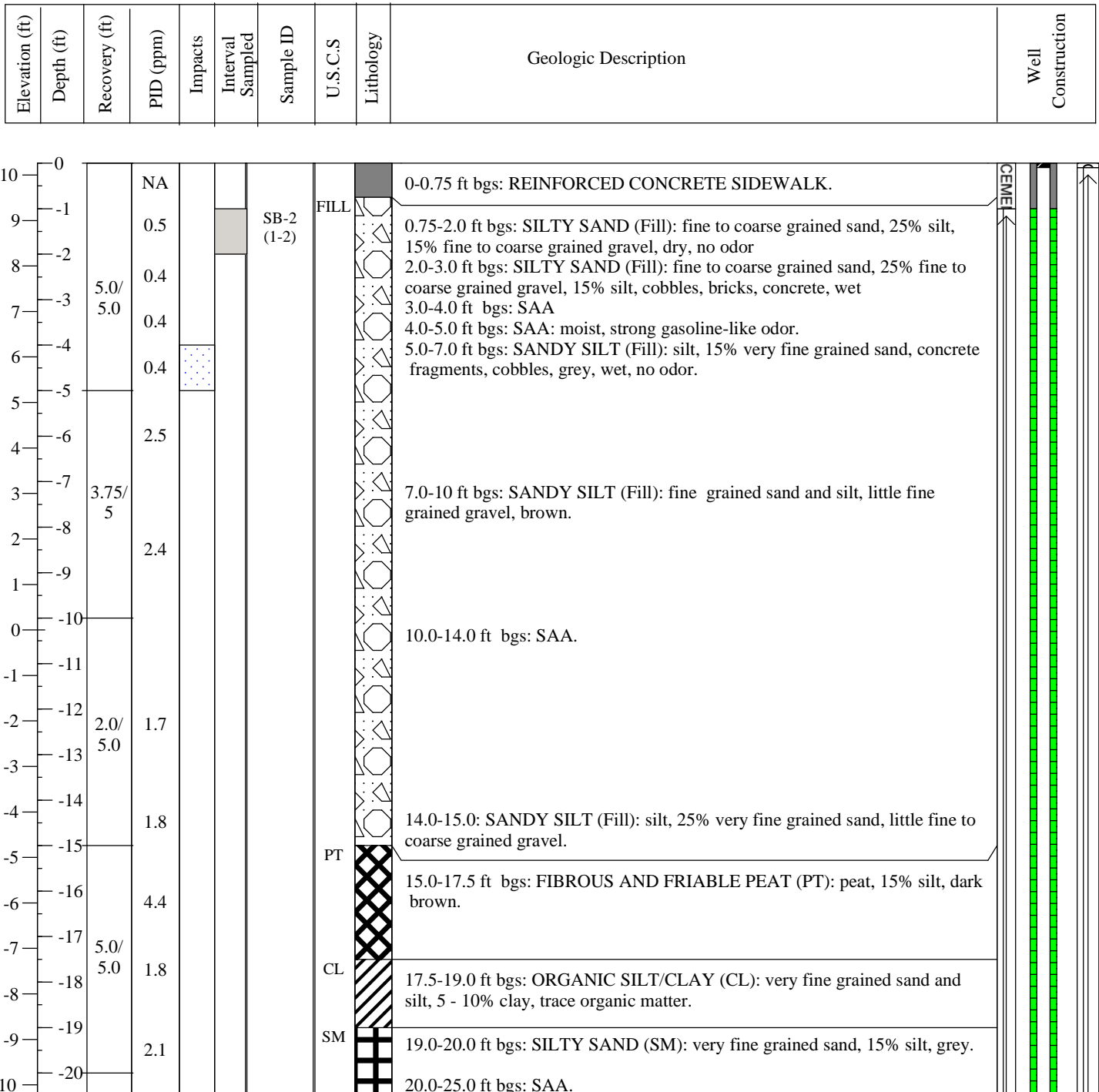
Water Level: ~2 ft bgs

Total Depth: 72 ft bgs

Ground Elevation: 10.26' NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-2D



Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-2D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-2 / MW-2

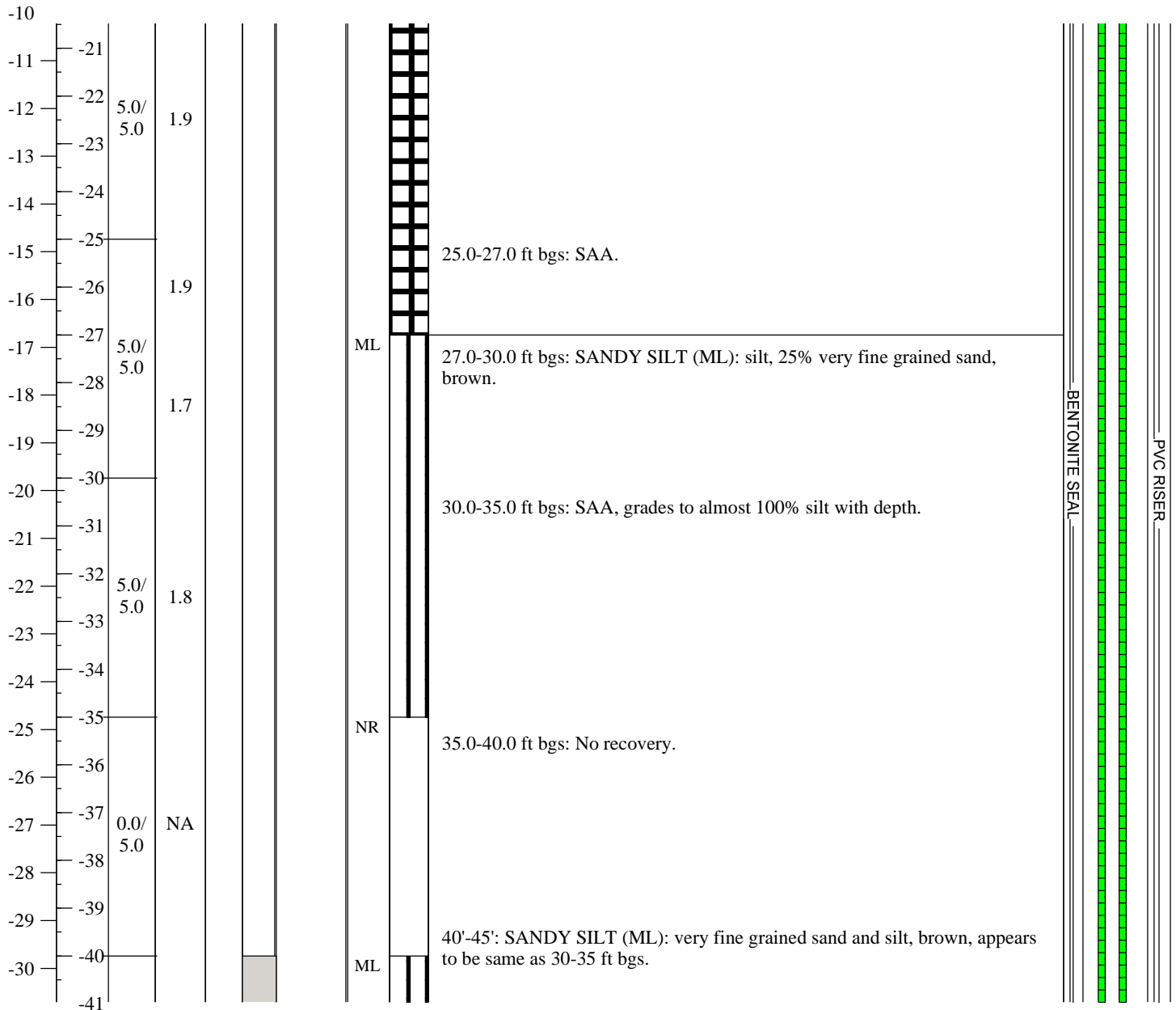
Page 2 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 4-2-2010
Date Started/Completed: 4-8-2010/4-9-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~2 ft bgs
Total Depth: 72 ft bgs
Ground Elevation: 10.26' NAVD88
Converted To Well (Y/N): Yes
Well ID: MW-2D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-2D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-2 / MW-2

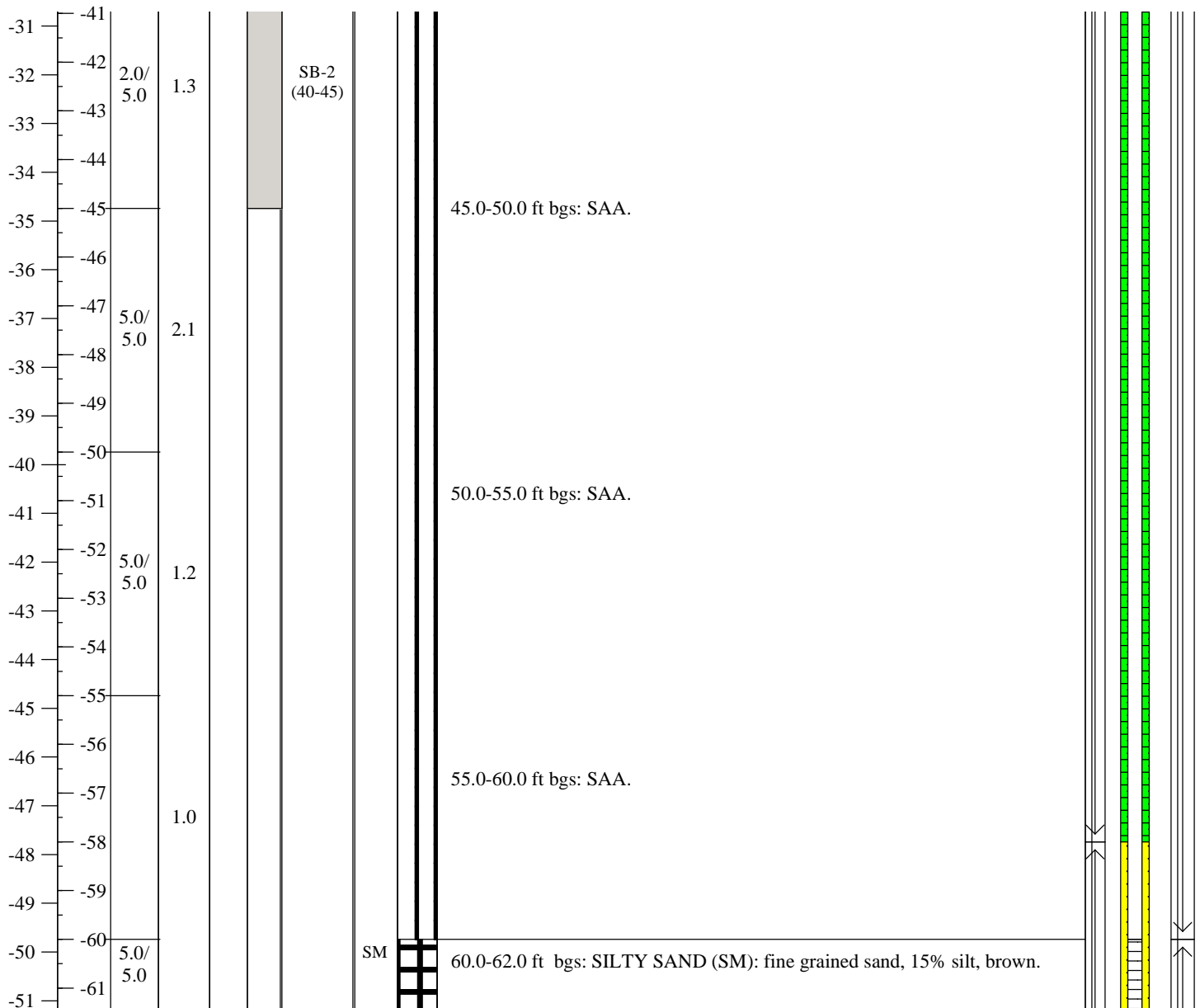
Page 3 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 4-2-2010
Date Started/Completed: 4-8-2010/4-9-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~2 ft bgs
Total Depth: 72 ft bgs
Ground Elevation: 10.26' NAVD88
Converted To Well (Y/N): Yes
Well ID: MW-2D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-2D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-2 / MW-2

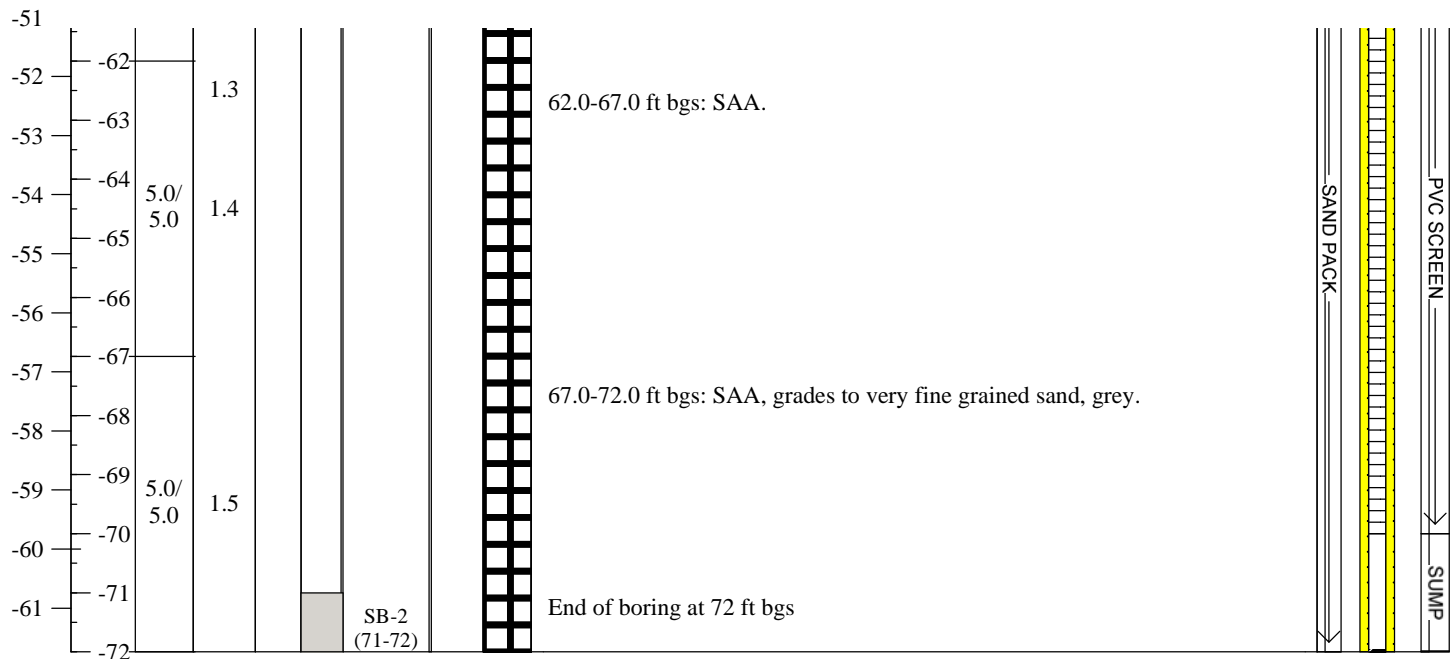
Page 4 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 4-2-2010
Date Started/Completed: 4-8-2010/4-9-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~2 ft bgs
Total Depth: 72 ft bgs
Ground Elevation: 10.26' NAVD88
Converted To Well (Y/N): Yes
Well ID: MW-2D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-2D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-3/MW-3

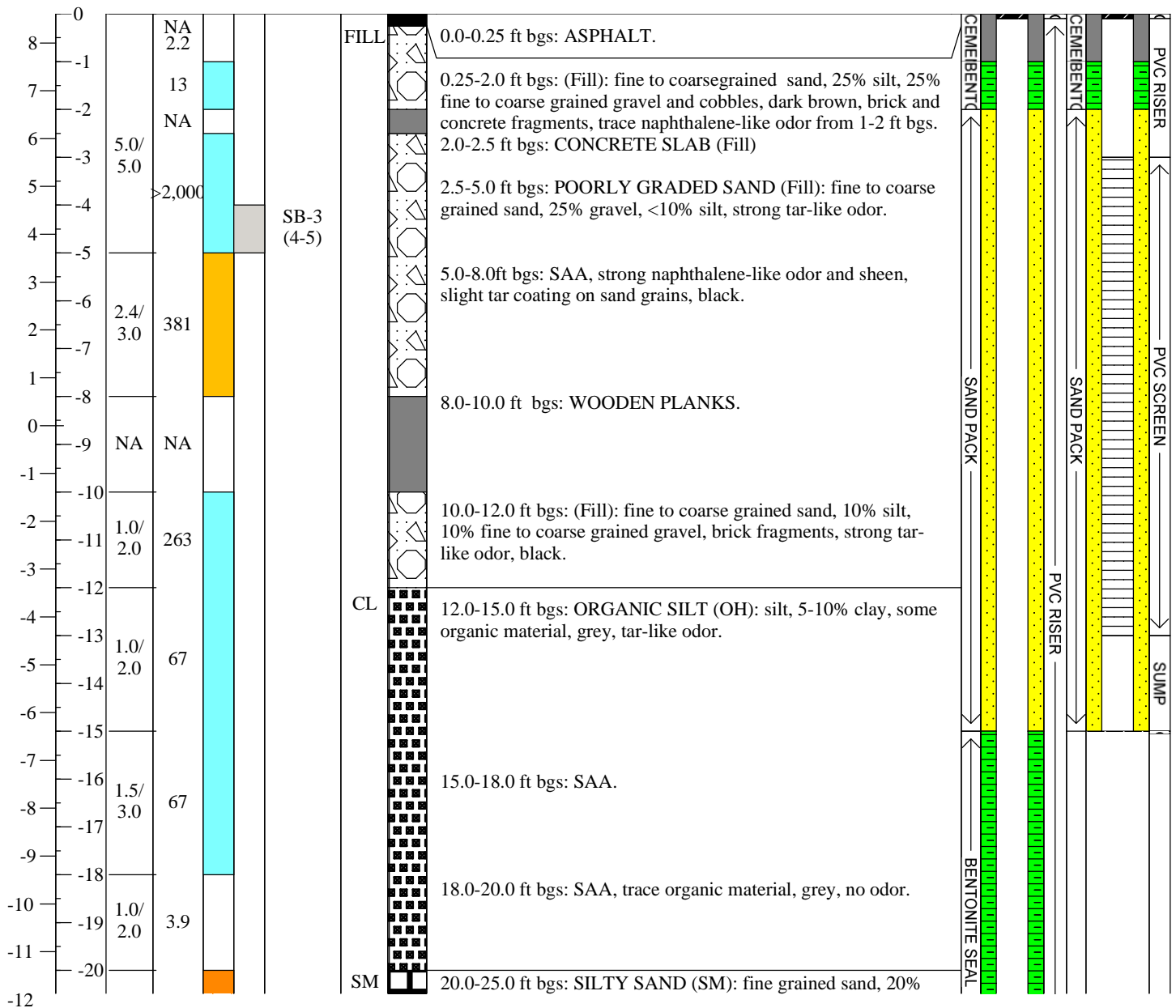
Page 1 of 3

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 4-13-2010
Date Started/Completed: 4-13-2010/4-13-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~4 ft bgs
Total Depth: 60 ft bgs
Ground Elevation: 8.61' NAVD88
Converted To Well (Y/N): Yes
Well ID: MW-3I / MW-3S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										IS-MW SS-MW



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-3I/3S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-3/MW-3

Page 3 of 3

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 4-13-2010

Date Started/Completed: 4-13-2010/4-13-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

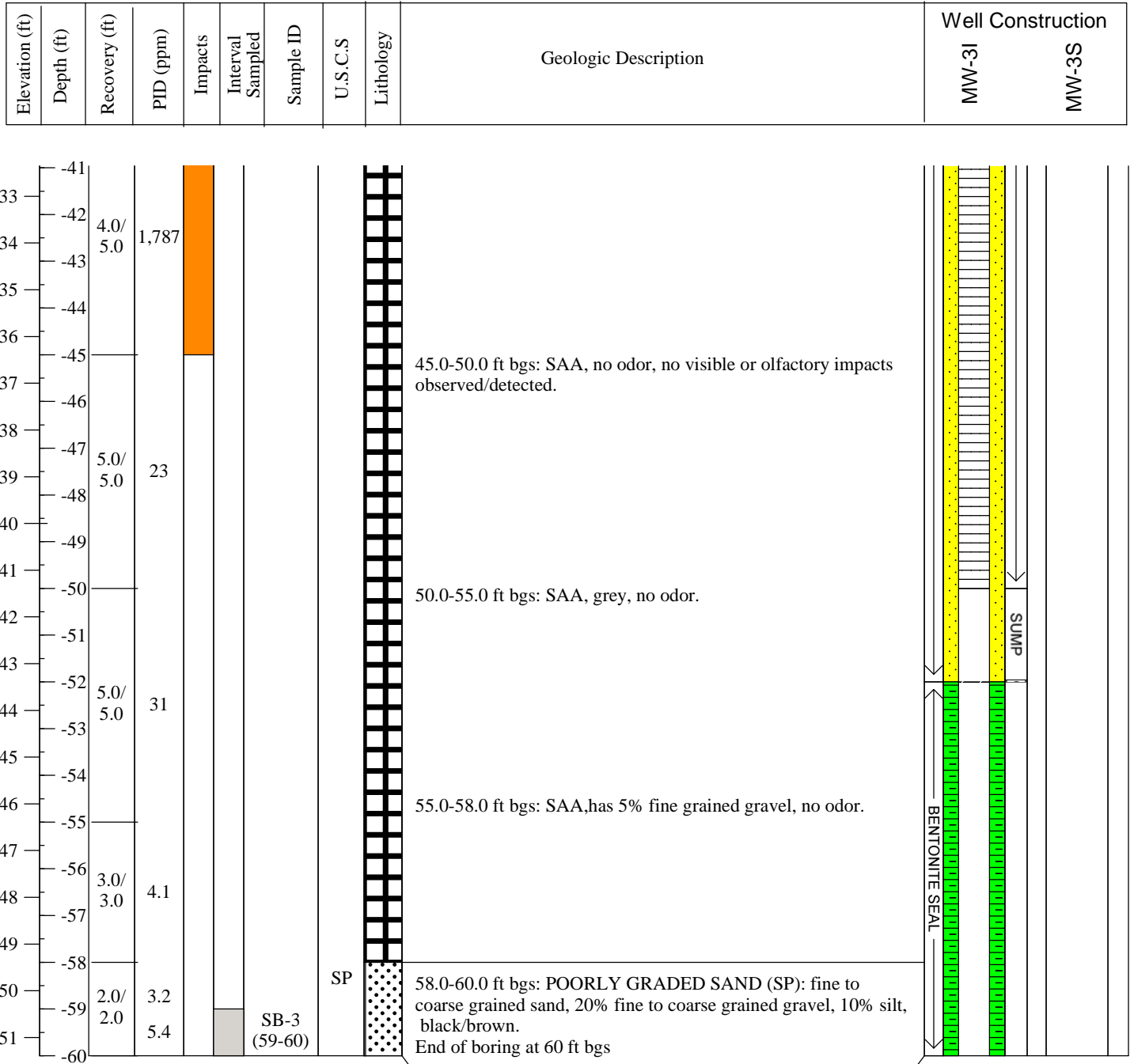
Water Level: ~4 ft bgs

Total Depth: 60 ft bgs

Ground Elevation: 8.61' NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-3I / MW-3S



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-3I/3S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-4 / MW-4

Page 1 of 3

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 4-27-2010

Date Started/Completed: 4-27-2010/4-27-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~5 ft bgs

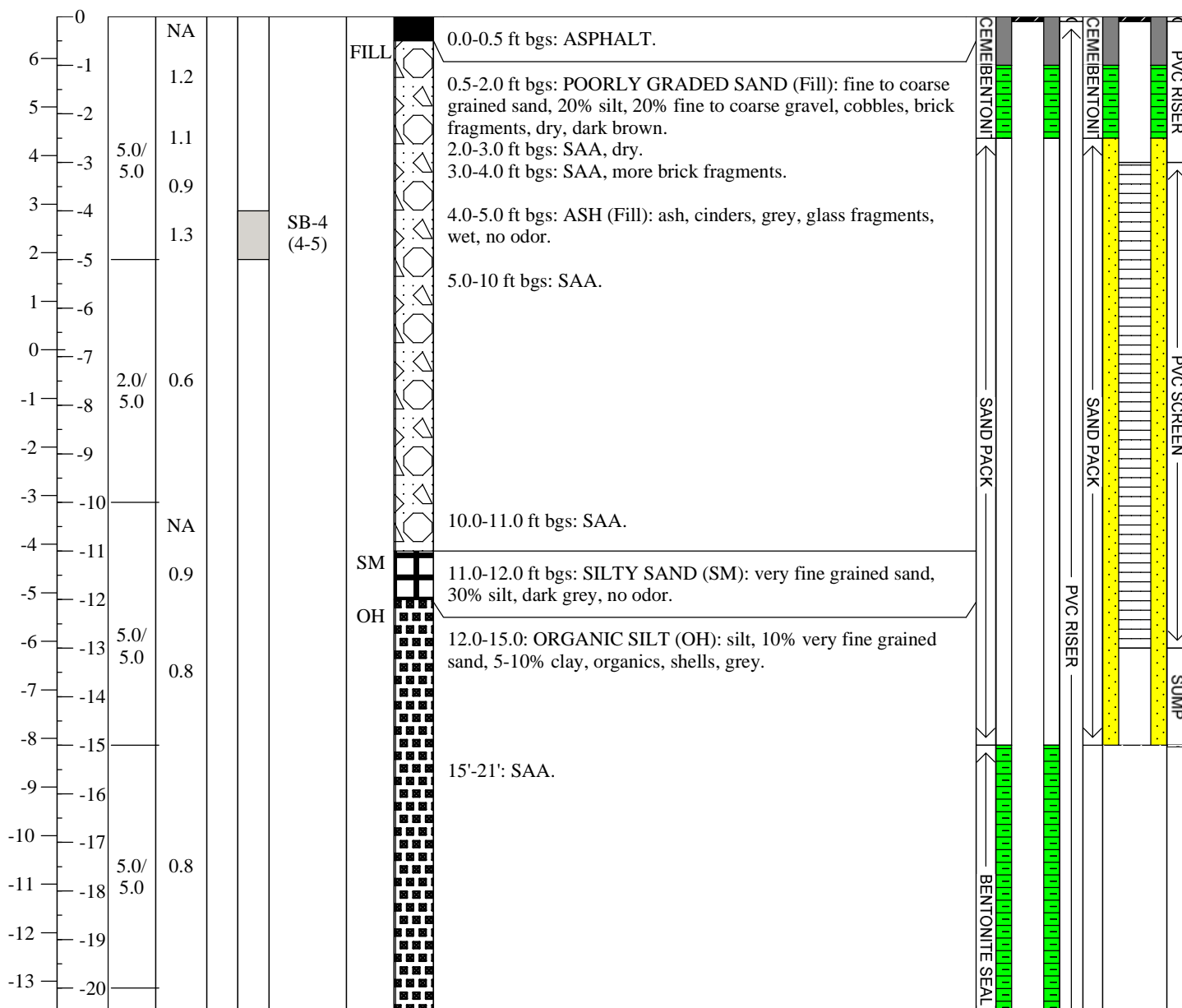
Total Depth: 60 ft bgs

Ground Elevation: 6.86' NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-4I/MW-4S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-4I MW-4S



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4I/4S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-4 / MW-4

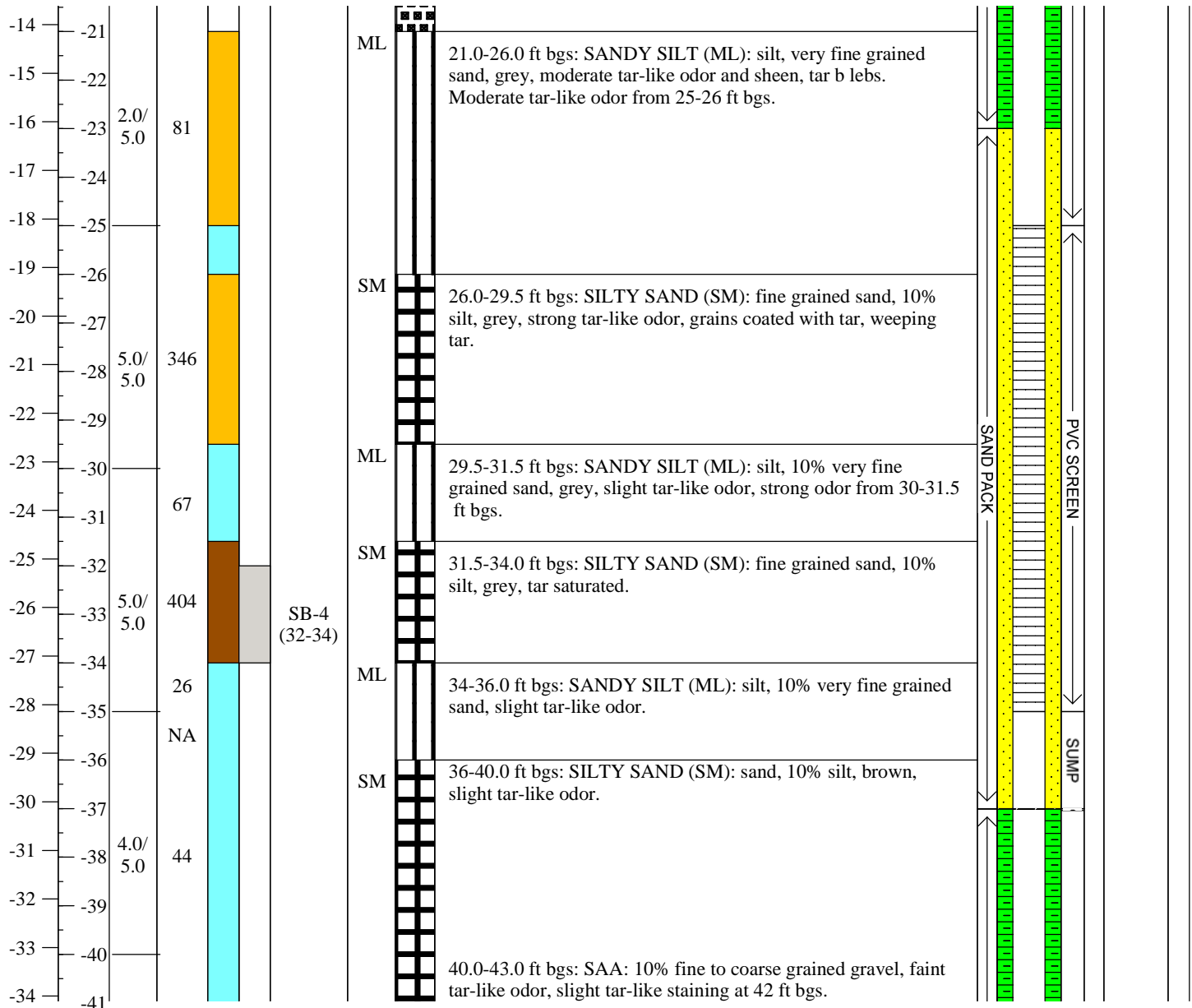
Page 2 of 3

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 4-27-2010
Date Started/Completed: 4-27-2010/4-27-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~5 ft bgs
Total Depth: 60 ft bgs
Ground Elevation: 6.86' NAVD88
Converted To Well (Y/N): Yes
Well ID: MW-4I/MW-4S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-4I MW-4S



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4I/4S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-4 / MW-4

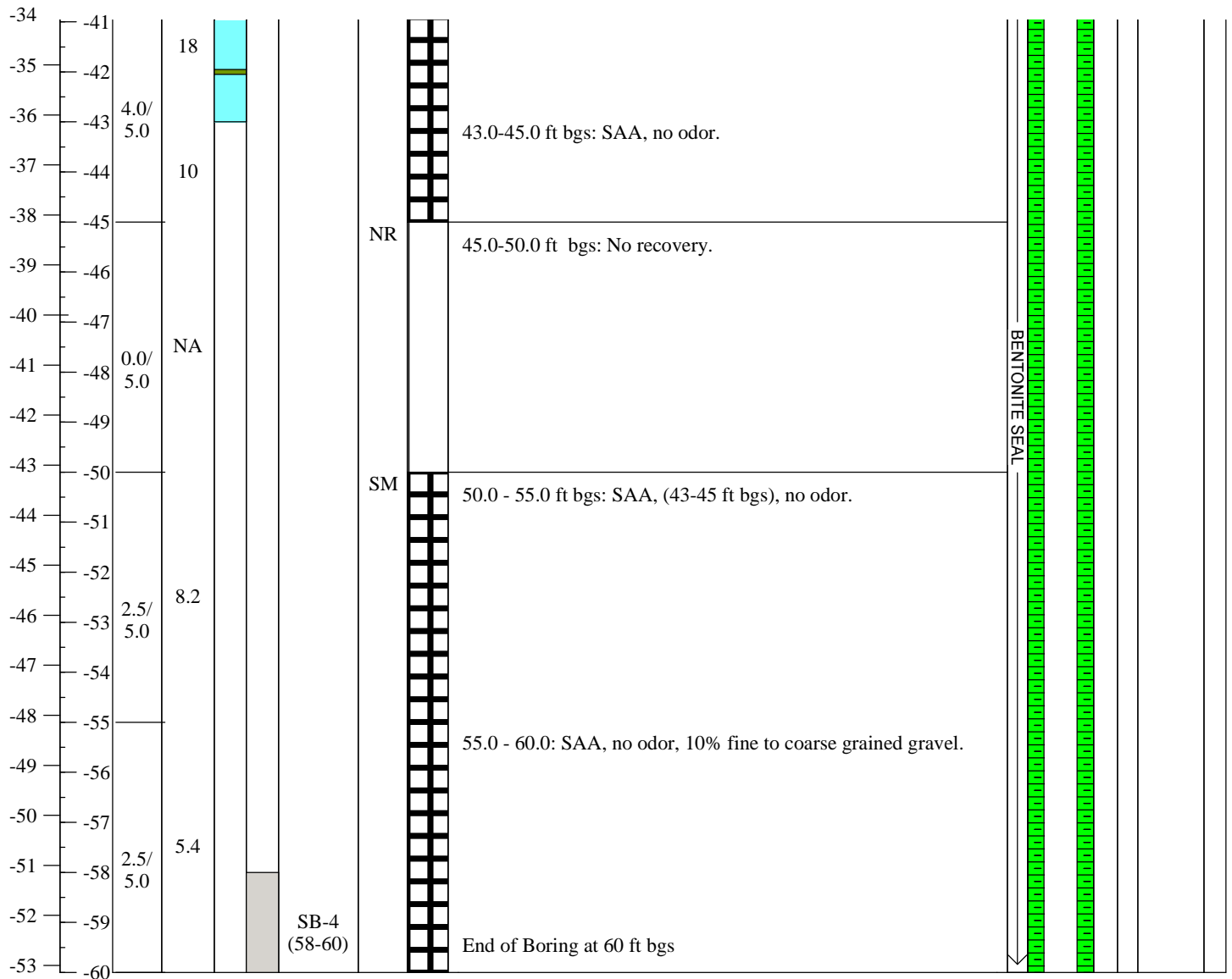
Page 3 of 3

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 4-27-2010
Date Started/Completed: 4-27-2010/4-27-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~5 ft bgs
Total Depth: 60 ft bgs
Ground Elevation: 6.86' NAVD88
Converted To Well (Y/N): Yes
Well ID: MW-4I/MW-4S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-4I MW-4S



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4I/4S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D1

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: 4/25/2011-4/28/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

Water Level: See MW-4

Total Depth: 120 ft bgs

Ground Elevation: 6.85 ft NAVD88

Converted To Well (Y/N): YES

Well ID: MW-4D1

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
0										
-1	5.0'	0.2						FILL	0-0.67 ft bgs: ASPHALT	
-2		0.2							0.67-1 ft bgs: FILL: coarse to fine grained sand, ~35% gravel, ~5-10% brick fragments, dry, dark brown.	
-3		0.1							1-2 ft bgs: SAA, slight naphthalene-like odor.	
-4		0.4							2-2.67 ft bgs: FILL: boulder.	
-5		0.3							2.67-3 ft bgs: FILL: coarse to fine grained sand, ~35% gravel, ~5-10% brick fragments, slight naphthalene-like odor, dry.	
-6									3-3.42 ft bgs: FILL: cinder block.	
-7									3.42-4 ft bgs: SAA (2.67-3 ft bgs interval).	
-8									4-5 ft bgs: SAA.	
-9									See boring log SB-4/MW-4 for lithology description from 5-60 ft bgs. See boring log MW-4D2 for lithology descriptions from 60-110 ft bgs.	
-10										
-11										
-12										
-13										
-14										
-15										
-16										
-17										
-18										
-19										
-20										

Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D1
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D1

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: 4/25/2011-4/28/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

Water Level: See MW-4

Total Depth: 120 ft bgs

Ground Elevation: 6.85 ft NAVD88

Converted To Well (Y/N): YES

Well ID: MW-4D1

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
-14	-21									
-15	-22									
-16	-23									
-17	-24									
-18	-25									
-19	-26									
-20	-27									
-21	-28									
-22	-29									
-23	-30									
-24	-31									
-25	-32									
-26	-33									
-27	-34									
-28	-35									
-29	-36									
-30	-37									
-31	-38									
-32	-39									
-33	-40									
-34	-41									

Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D1
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D1

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: 4/25/2011-4/28/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

Water Level: See MW-4

Total Depth: 120 ft bgs

Ground Elevation: 6.85 ft NAVD88

Converted To Well (Y/N): YES

Well ID: MW-4D1

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
-34	-41									
-35	-42									
-36	-43									
-37	-44									
-38	-45									
-39	-46									
-40	-47									
-41	-48									
-42	-49									
-43	-50									
-44	-51									
-45	-52									
-46	-53									
-47	-54									
-48	-55									
-49	-56									
-50	-57									
-51	-58									
-52	-59									
-53	-60									
-54	-61									

Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D1
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D1

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: 4/25/2011-4/28/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

Water Level: See MW-4

Total Depth: 120 ft bgs

Ground Elevation: 6.85 ft NAVD88

Converted To Well (Y/N): YES

Well ID: MW-4D1

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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-55	-62									
-56	-63									
-57	-64									
-58	-65									
-59	-66									
-60	-67									
-61	-68									
-62	-69									
-63	-70									
-64	-71									
-65	-72									
-66	-73									
-67	-74									
-68	-75									
-69	-76									
-70	-77									
-71	-78									
-72	-79									
-73	-80									
-74	-81									
-75	-82									

Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D1
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D1

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: 4/25/2011-4/28/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

Water Level: See MW-4

Total Depth: 120 ft bgs

Ground Elevation: 6.85 ft NAVD88

Converted To Well (Y/N): YES

Well ID: MW-4D1

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
-75	-82									
-76	-83									
-77	-84									
-78	-85									
-79	-86									
-80	-87									
-81	-88									
-82	-89									
-83	-90									
-84	-91									
-85	-92									
-86	-93									
-87	-94									
-88	-95									
-89	-96									
-90	-97									
-91	-98									
-92	-99									
-93	-100									
-94	-101									
-95	-102									

Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D1
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D1

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: 4/25/2011-4/28/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

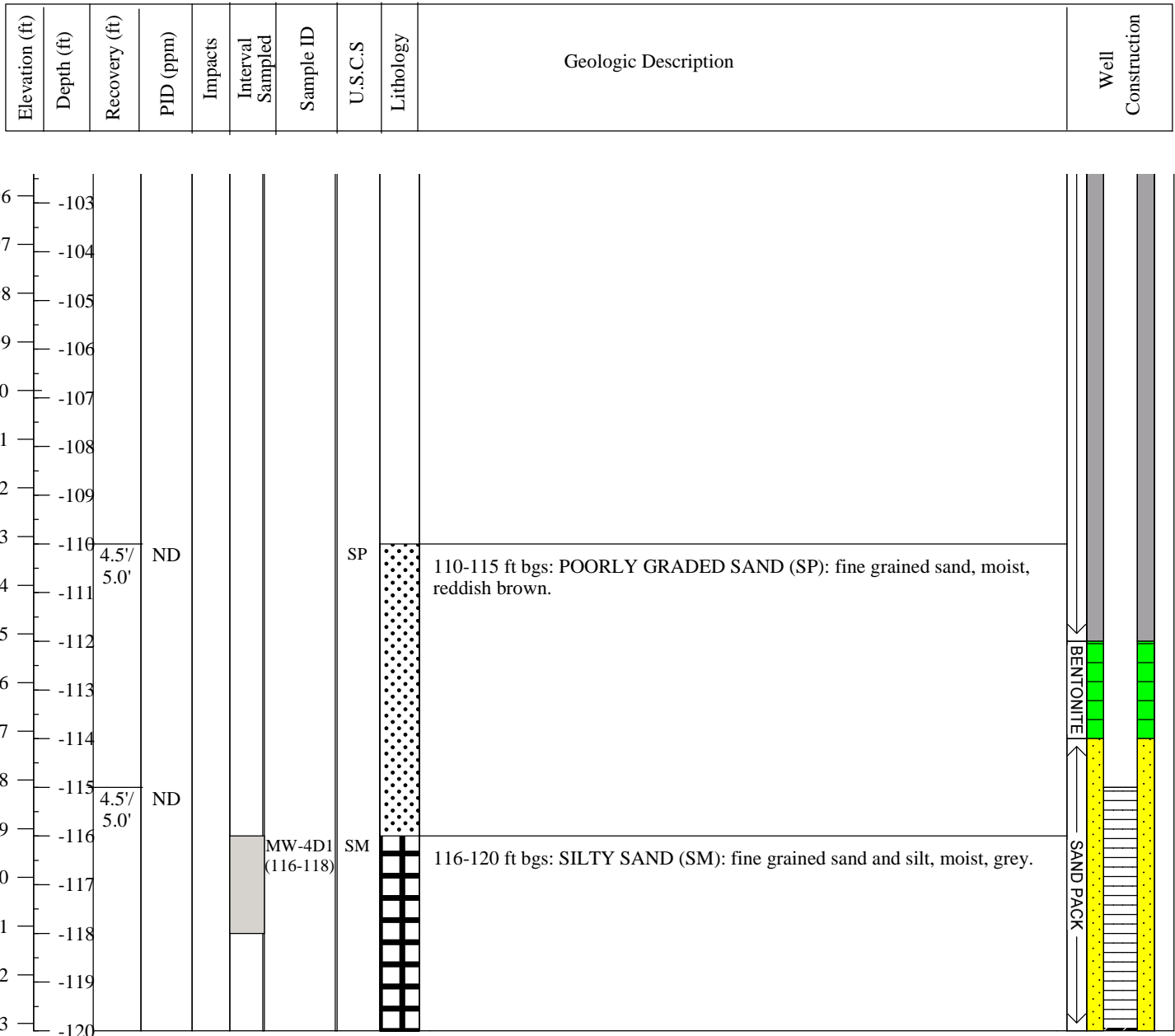
Water Level: See MW-4

Total Depth: 120 ft bgs

Ground Elevation: 6.85 ft NAVD88

Converted To Well (Y/N): YES

Well ID: MW-4D1



Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D1
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D2

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: Apr. 25, 2011/Apr. 27, 2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

Water Level: See MW-4

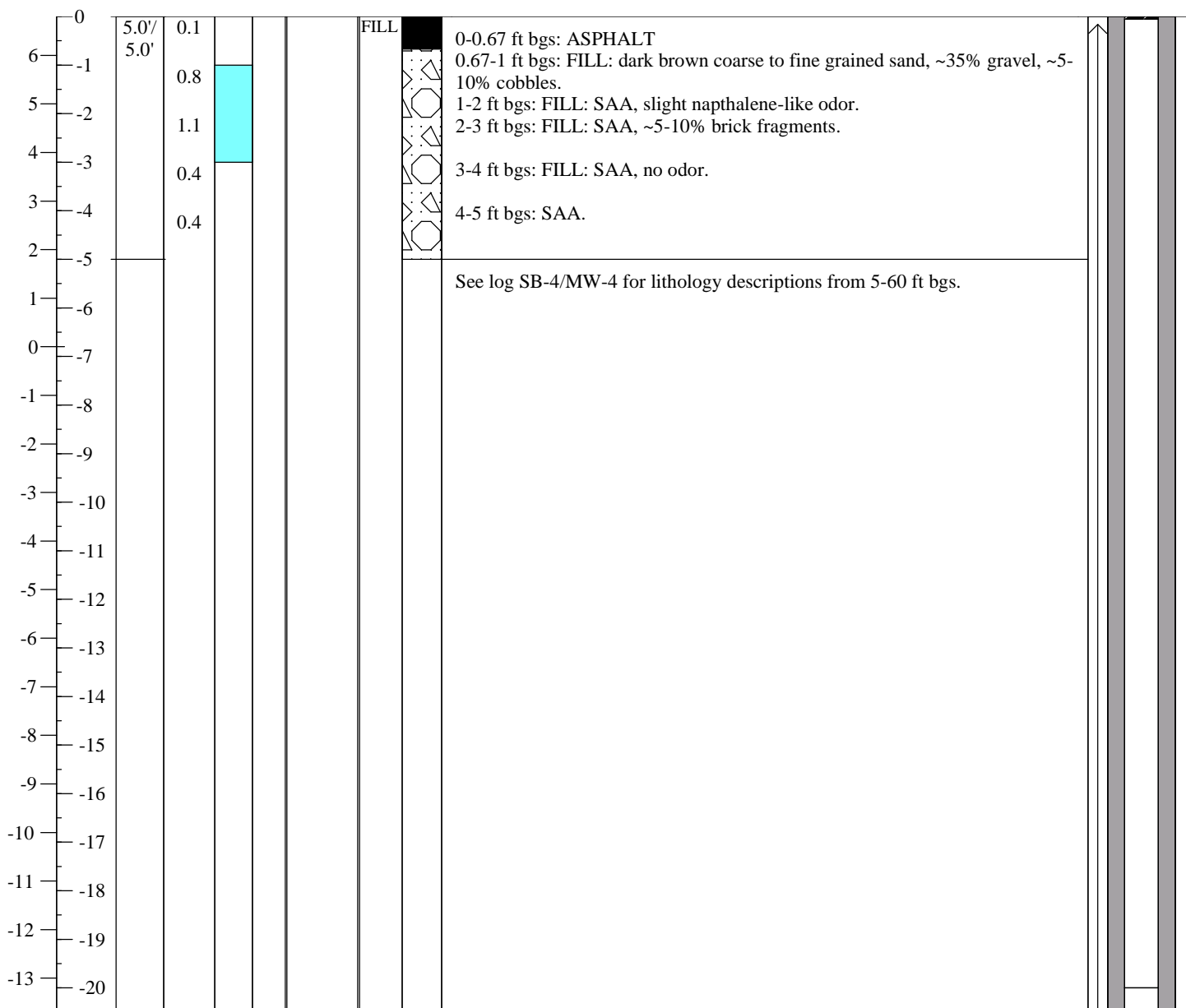
Total Depth: 150 ft bgs

Ground Elevation: 6.80 ft bgs

Converted To Well (Y/N): YES

Well ID: MW-4D2

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
----------------	------------	---------------	-----------	---------	------------------	-----------	---------	-----------	----------------------	-------------------



Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D2
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D2

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: Apr. 25, 2011/Apr. 27, 2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

Water Level: See MW-4

Total Depth: 150 ft bgs

Ground Elevation: 6.80 ft bgs

Converted To Well (Y/N): YES

Well ID: MW-4D2

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
-14	-21									
-15	-22									
-16	-23									
-17	-24									
-18	-25									
-19	-26									
-20	-27									
-21	-28									
-22	-29									
-23	-30									
-24	-31									
-25	-32									
-26	-33									
-27	-34									
-28	-35									
-29	-36									
-30	-37									
-31	-38									
-32	-39									
-33	-40									
-34	-41									

Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D2
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D2

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: Apr. 25, 2011/Apr. 27, 2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian


Water Level: See MW-4

Total Depth: 150 ft bgs

Ground Elevation: 6.80 ft bgs

Converted To Well (Y/N): YES

Well ID: MW-4D2

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
-34	-41									
-35	-42									
-36	-43									
-37	-44									
-38	-45									
-39	-46									
-40	-47									
-41	-48									
-42	-49									
-43	-50									
-44	-51									
-45	-52									
-46	-53									
-47	-54									
-48	-55									
-49	-56									
-50	-57									
-51	-58									
-52	-59									
-53	-60									
-54	-61	3.5'/5.0'	0.5				SP		60-65 ft bgs: POORLY GRADED SAND (SP): medium to fine grained sand, wet to moist, brown.	

Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D2
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

6) SAA - Same As Above

7) PID - Photo Ionization Detector

8) ppm - parts per million

9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D2

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: Apr. 25, 2011/Apr. 27, 2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

Water Level: See MW-4

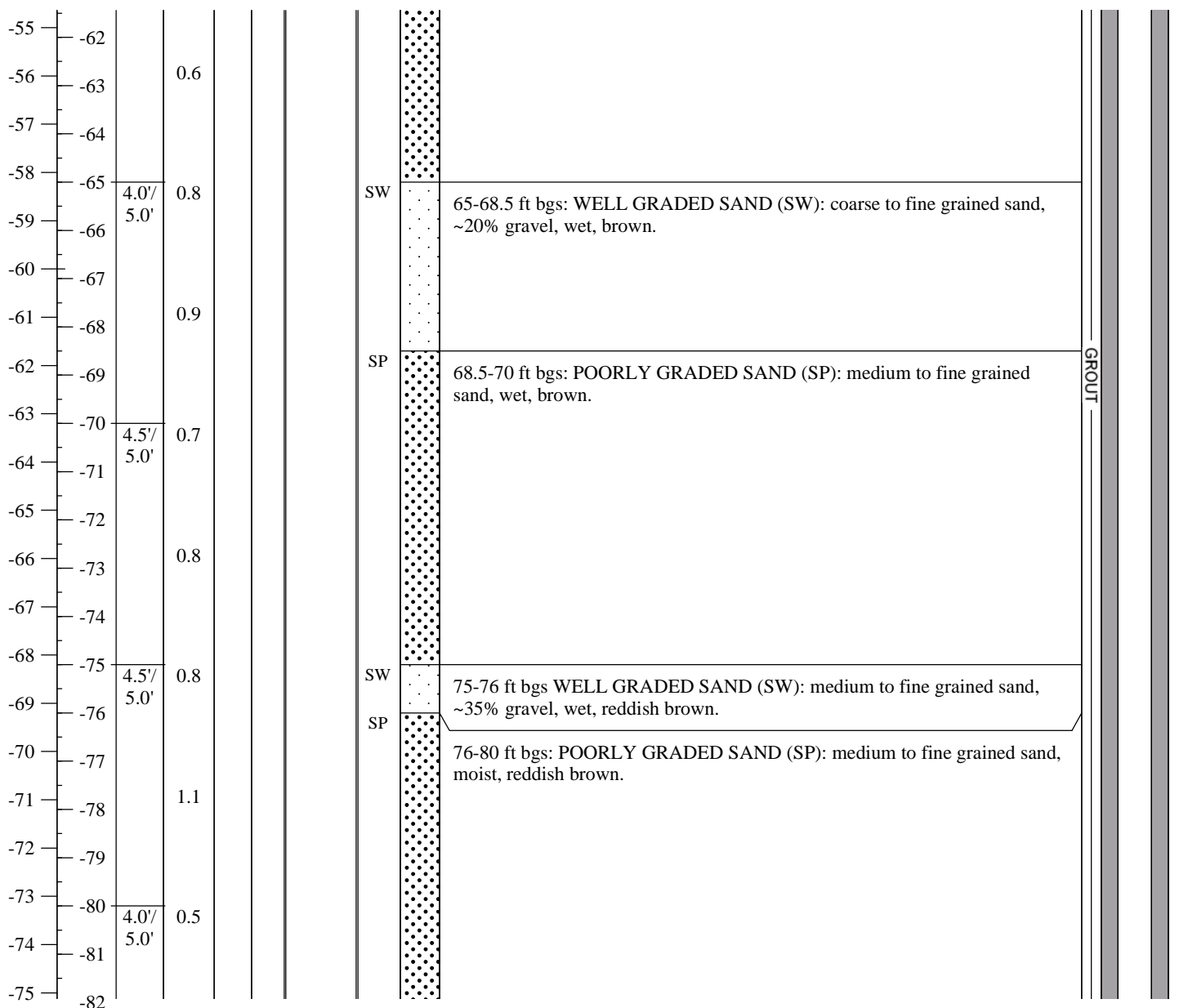
Total Depth: 150 ft bgs

Ground Elevation: 6.80 ft bgs

Converted To Well (Y/N): YES

Well ID: MW-4D2

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description	Well Construction
----------------	------------	---------------	-----------	---------	------------------	-----------	----------	-----------	----------------------	-------------------



Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D2
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D2

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: Apr. 25, 2011/Apr. 27, 2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

Water Level: See MW-4

Total Depth: 150 ft bgs

Ground Elevation: 6.80 ft bgs

Converted To Well (Y/N): YES

Well ID: MW-4D2

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
-75	-82									
-76	-83		1.5							
-77	-84									
-78	-85	ND	0.5							
-79	-86									
-80	-87									
-81	-88		1.0							
-82	-89									
-83	-90	4.5'/5.0'	1.3			SW			90-93 ft bgs: WELL GRADED SAND (SW): medium to coarse grained sand, wet, light brown.	
-84	-91									
-85	-92									
-86	-93		1.0			SP			93-95 ft bgs: POORLY GRADED SAND (SP): medium to fine grained sand, wet, light brown.	
-87	-94									
-88	-95	4.0'/5.0'	1.4							
-89	-96									
-90	-97									
-91	-98		1.8							
-92	-99									
-93	-100	4.5'/5.0'	0.7							
-94	-101									
-95	-102									

Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D2
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D2

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: Apr. 25, 2011/Apr. 27, 2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

Water Level: See MW-4

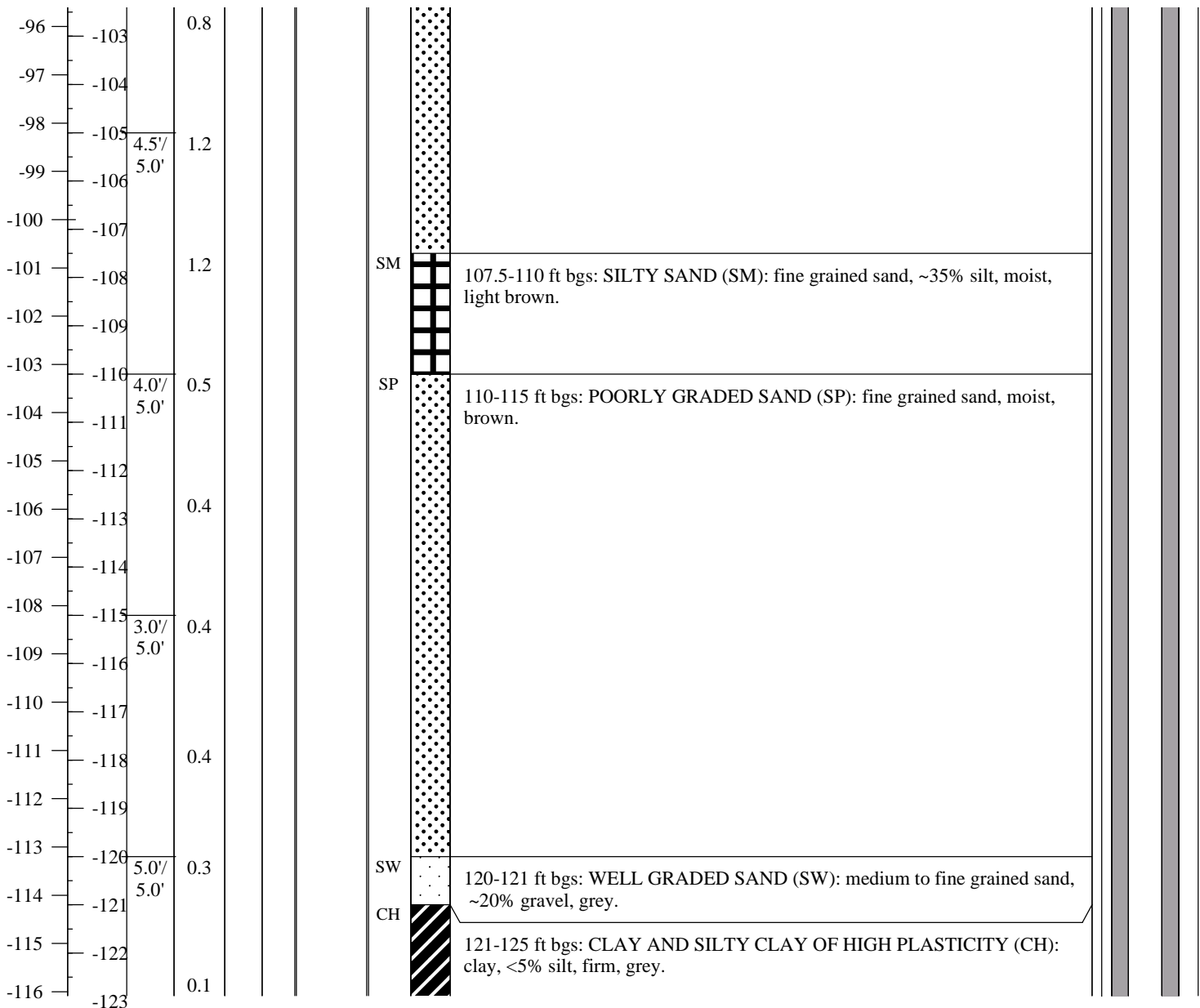
Total Depth: 150 ft bgs

Ground Elevation: 6.80 ft bgs

Converted To Well (Y/N): YES

Well ID: MW-4D2

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D2
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D2

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: Apr. 25, 2011/Apr. 27, 2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

Water Level: See MW-4

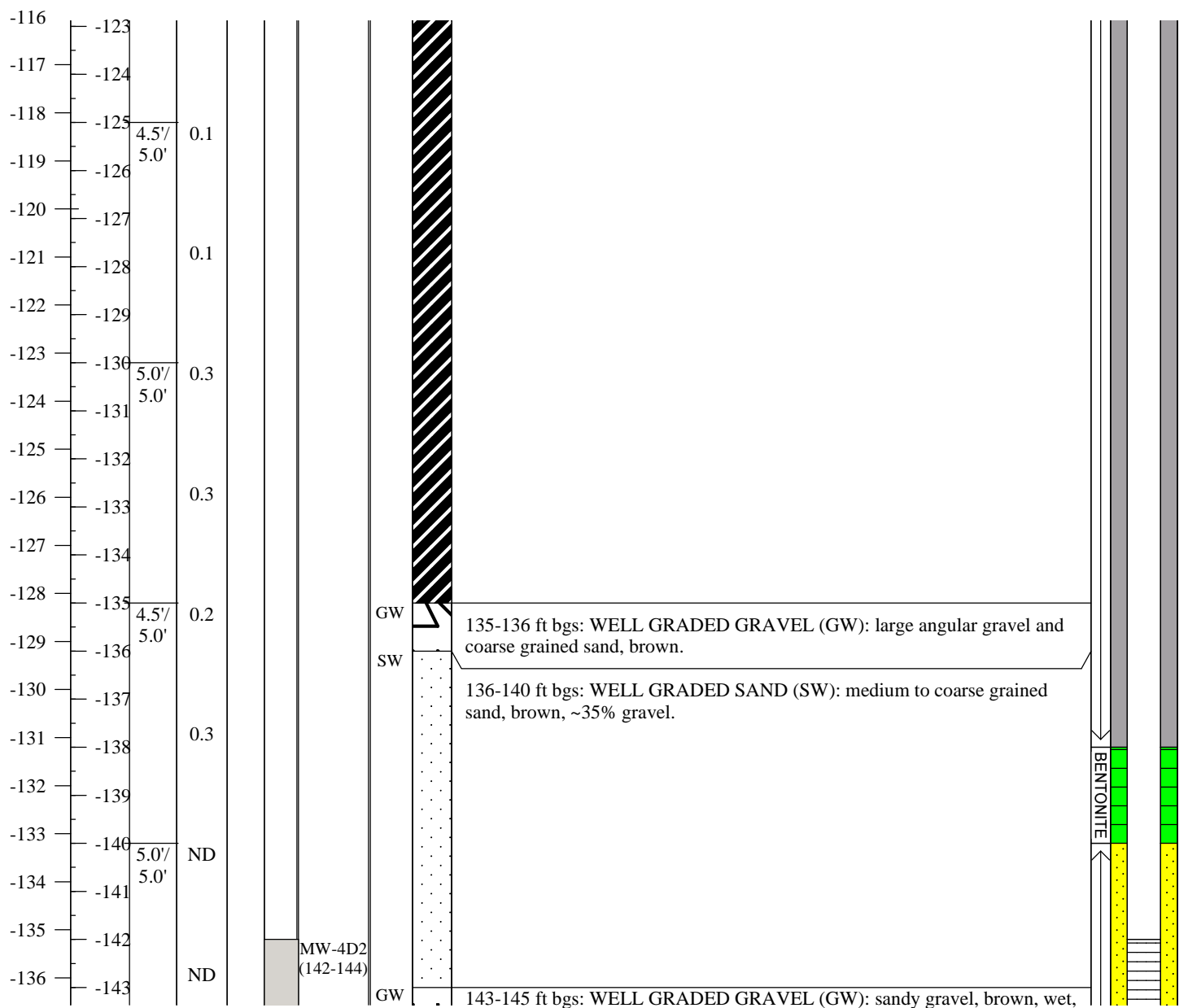
Total Depth: 150 ft bgs

Ground Elevation: 6.80 ft bgs

Converted To Well (Y/N): YES

Well ID: MW-4D2

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D2
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: MW-4D2

Page 8 of 8

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: Apr. 25, 2011

Date Started/Completed: Apr. 25, 2011/Apr. 27, 2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 6 Inches

Logged By: Rita Papagian

Water Level: See MW-4

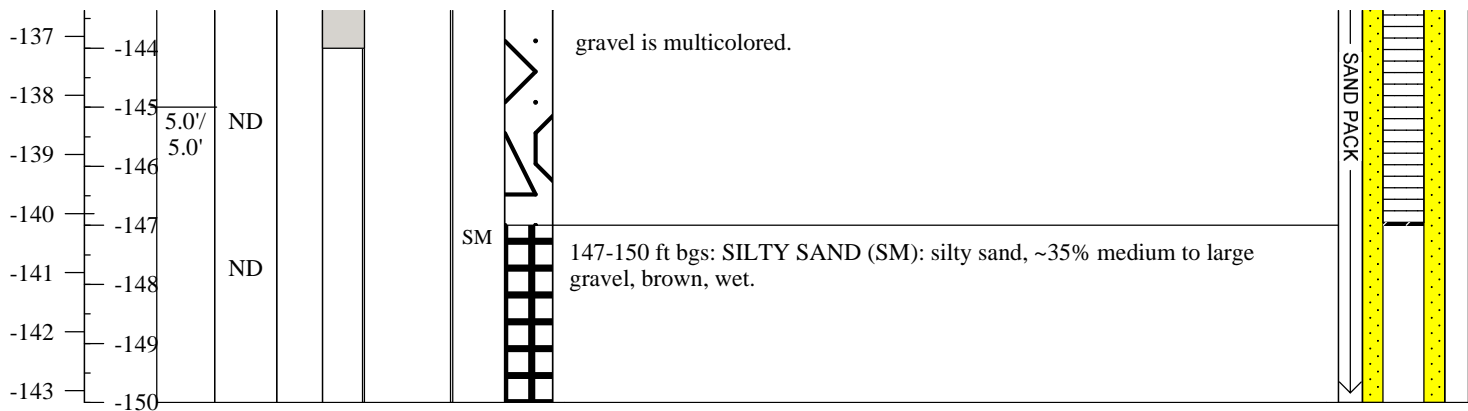
Total Depth: 150 ft bgs

Ground Elevation: 6.80 ft bgs

Converted To Well (Y/N): YES

Well ID: MW-4D2

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-4D2
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-5 / MW-5

Page 1 of 4

Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-21-2010

Date Started/Completed: 4-21-2010/4-22-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5 ft disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~5 ft bgs

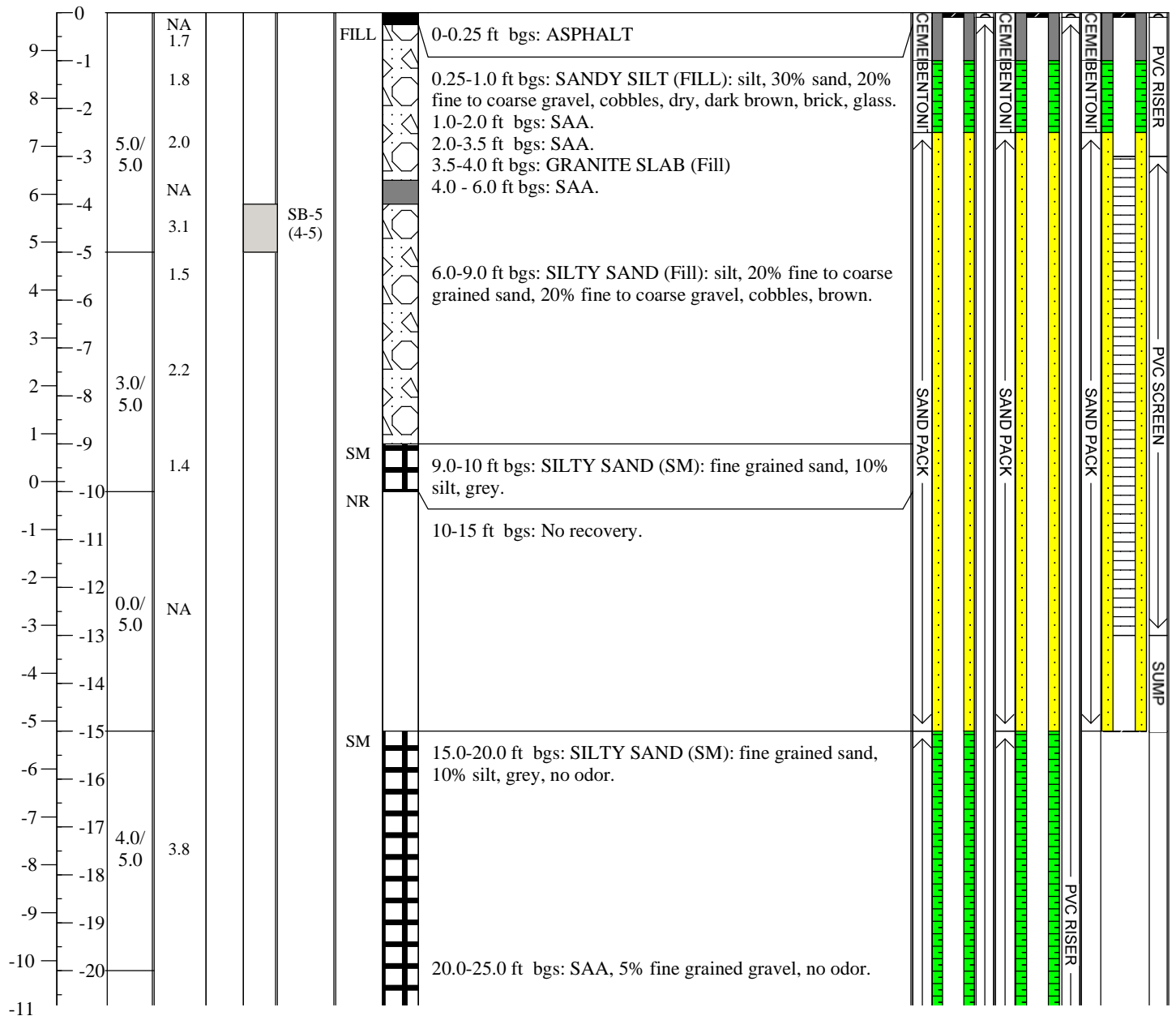
Total Depth: 72 ft bgs

Ground Elevation: 9.79' (D/I/S) NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-5D/MW-5I/MW-5S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction		
										MW-5D	MW-5I	MW-5S



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Boring was converted into Monitoring Well: MW-5D/5I/5S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid
- 10) NR- no recovery



Boring ID: SB-5 / MW-5

Page 2 of 4

Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-21-2010

Date Started/Completed: 4-21-2010/4-22-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5 ft disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~5 ft bgs

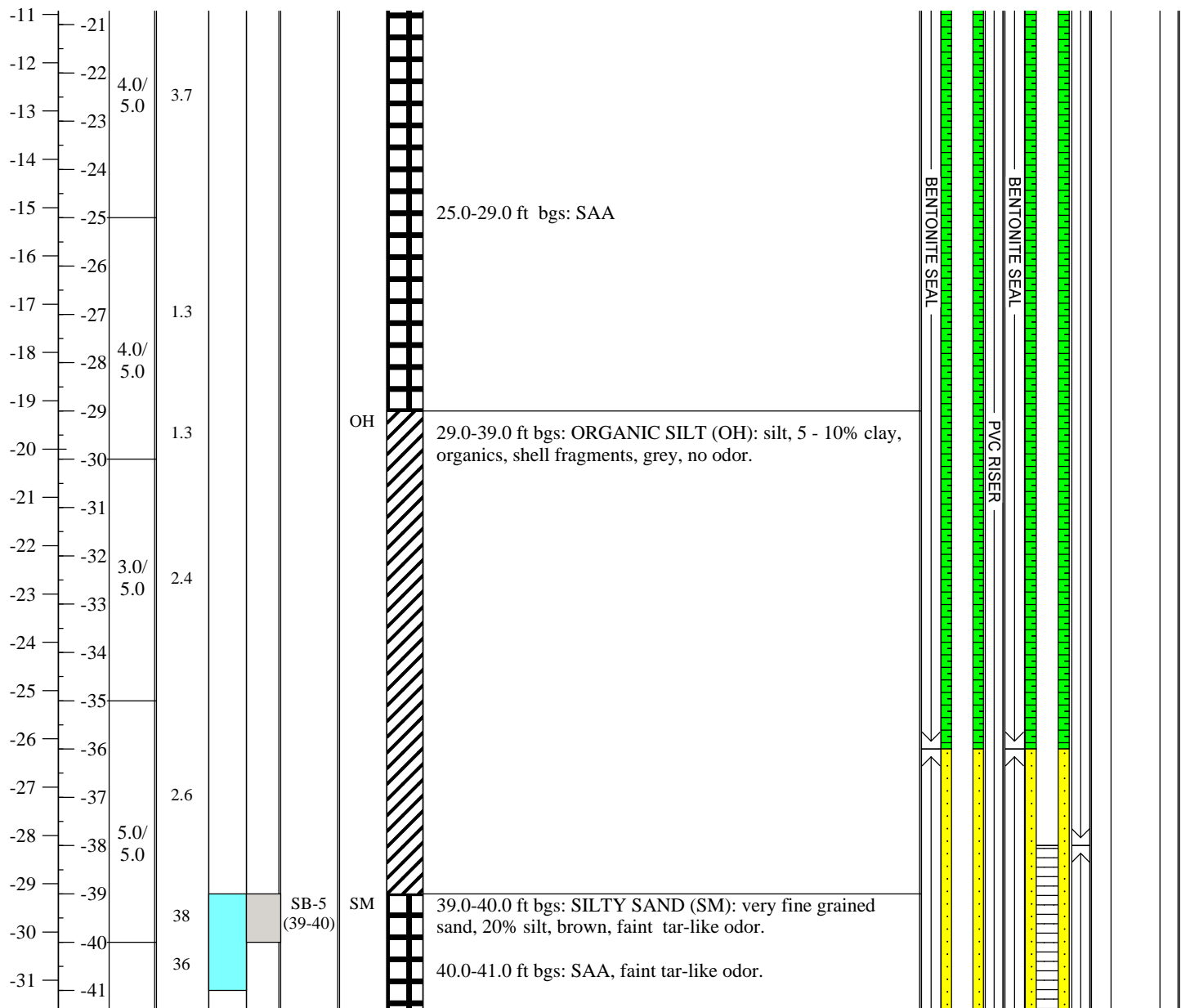
Total Depth: 72 ft bgs

Ground Elevation: 9.79' (D/I/S) NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-5D/MW-5I/MW-5S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction		
										MW-5D	MW-5I	MW-5S



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Boring was converted into Monitoring Well: MW-5D/5I/5S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid
- 10) NR- no recovery



Boring ID: SB-5 / MW-5

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-21-2010

Date Started/Completed: 4-21-2010/4-22-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5 ft disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~5 ft bgs

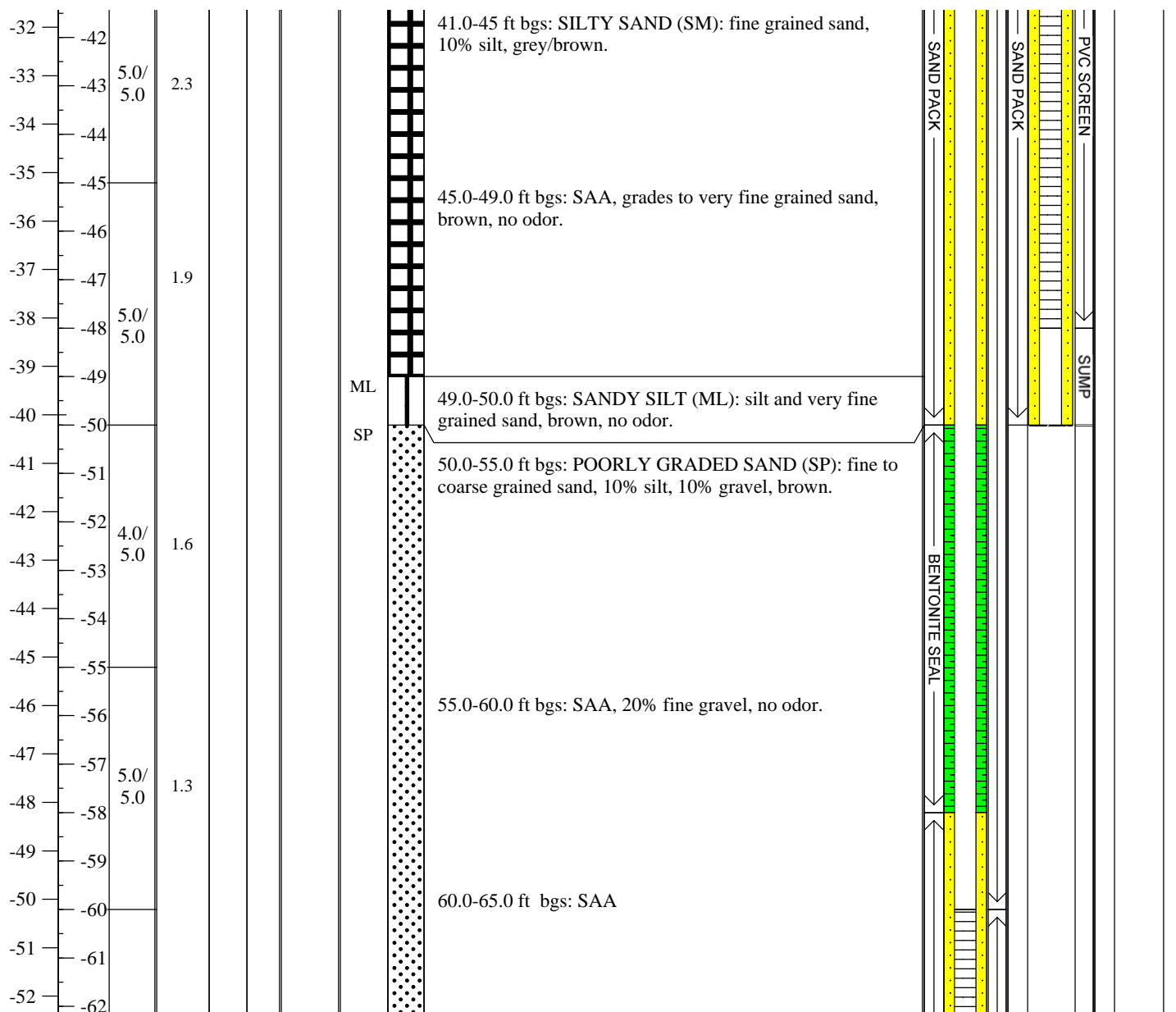
Total Depth: 72 ft bgs

Ground Elevation: 9.79' (D/I/S) NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-5D/MW-5I/MW-5S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction		
										MW-5D	MW-5I	MW-5S



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Boring was converted into Monitoring Well: MW-5D/5I/5S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid
- 10) NR- no recovery



Boring ID: SB-5 / MW-5

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-21-2010

Date Started/Completed: 4-21-2010/4-22-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5 ft disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~5 ft bgs

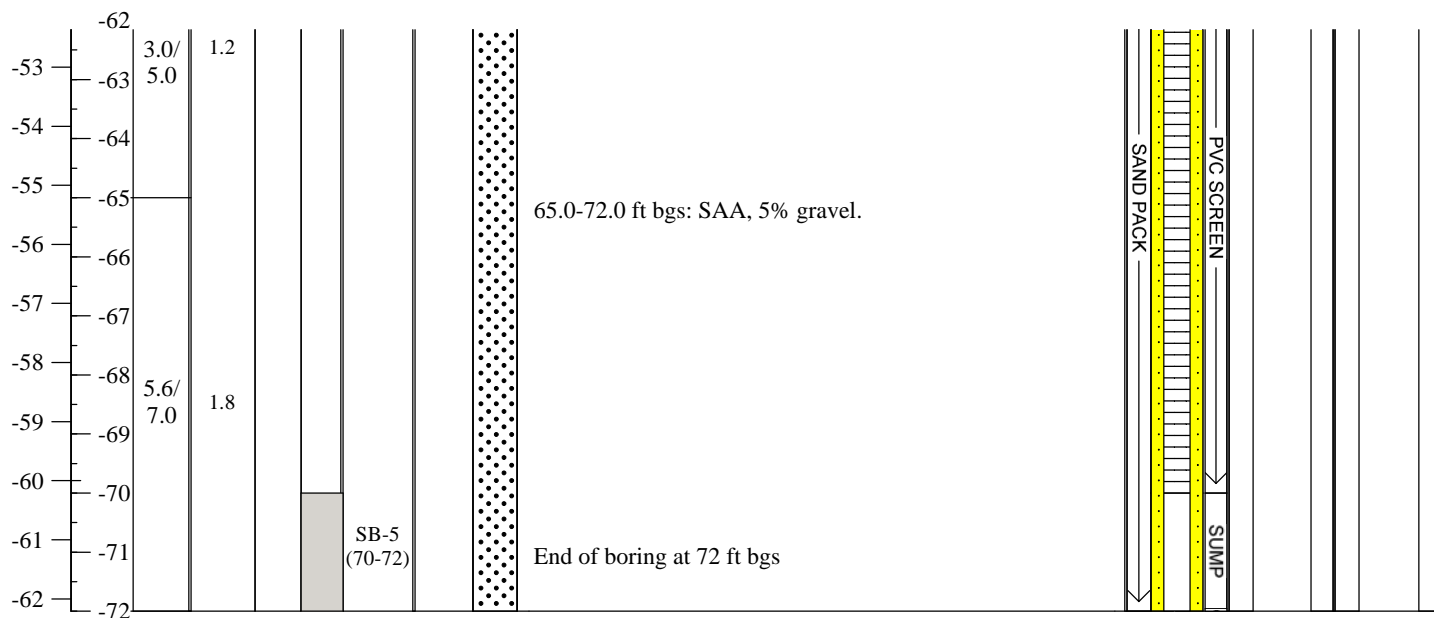
Total Depth: 72 ft bgs

Ground Elevation: 9.79' (D/I/S) NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-5D/MW-5I/MW-5S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction		
										MW-5D	MW-5I	MW-5S



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Boring was converted into Monitoring Well: MW-5D/5I/5S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid
- 10) NR- no recovery



Boring ID: SB-6 / MW-6

Page 1 of 3

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 4-20-2010

Date Started/Completed: 4-20-2010/4-21-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~3 ft bgs

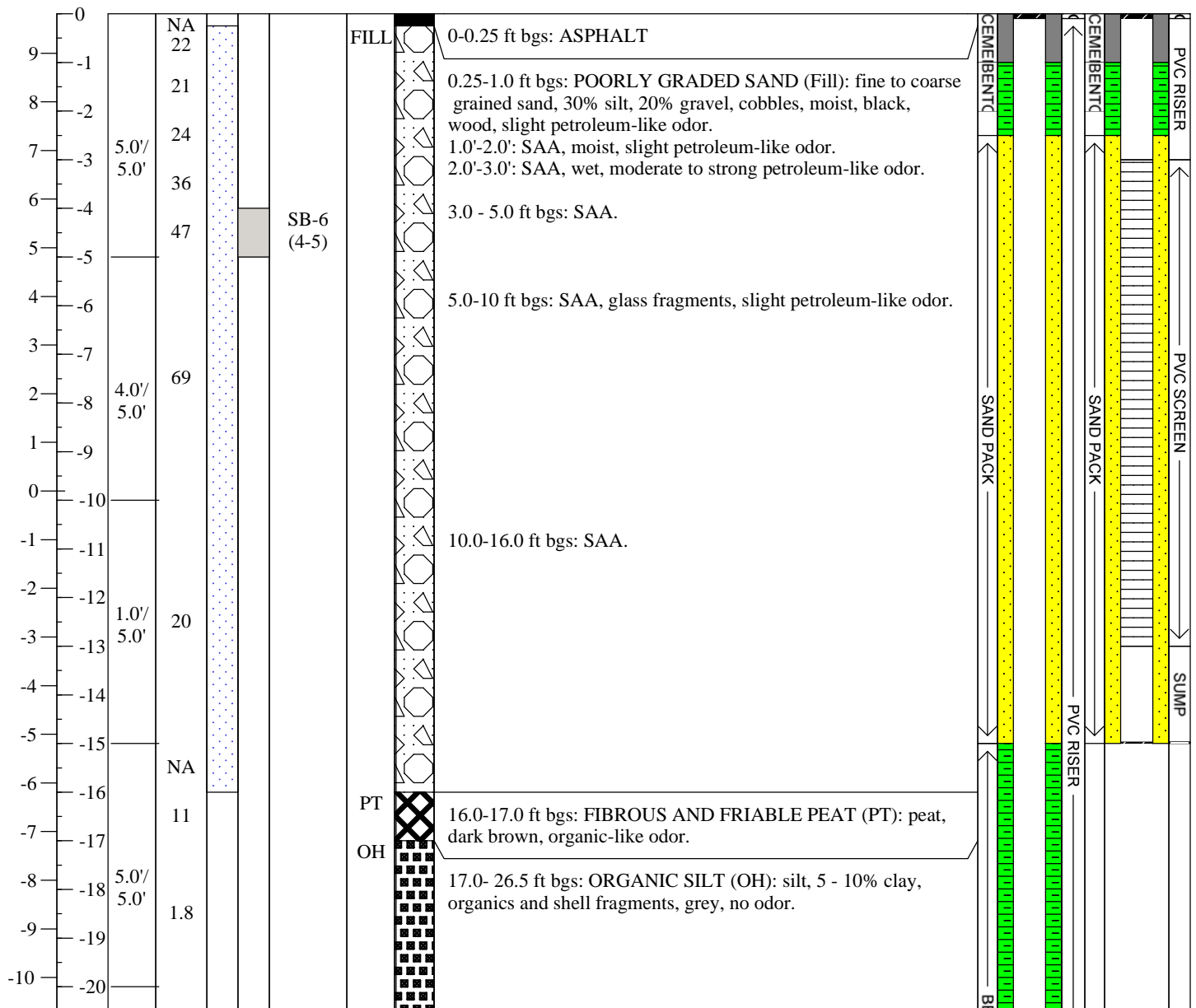
Total Depth: 50 ft bgs

Ground Elevation: 9.81' NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-6I/MW-6S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description	Well Construction
										MW-6I MW-6S



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-6I/6S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-6 / MW-6

Page 2 of 3

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 4-20-2010

Date Started/Completed: 4-20-2010/4-21-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~3 ft bgs

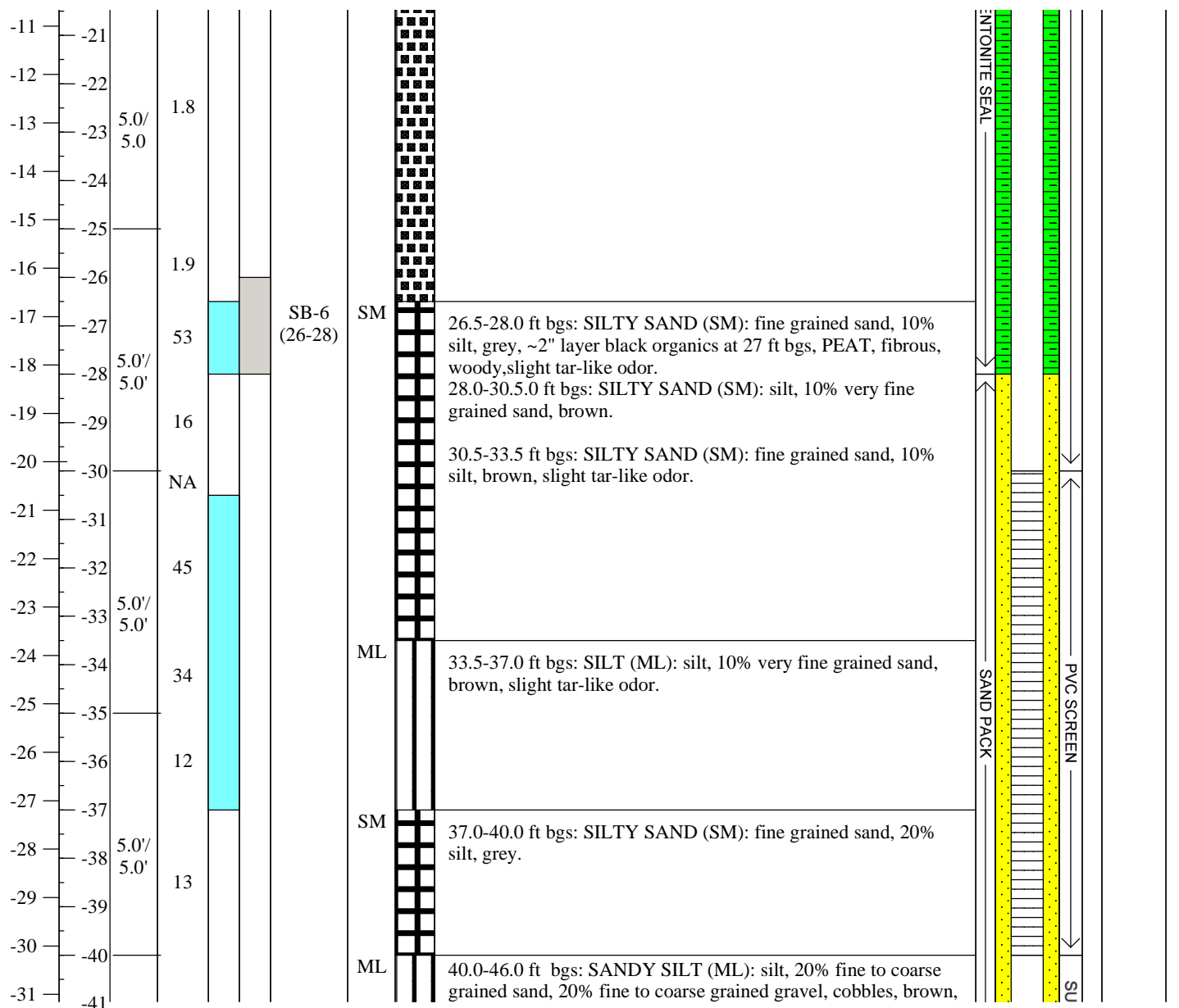
Total Depth: 50 ft bgs

Ground Elevation: 9.81' NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-6I/MW-6S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-6I MW-6S



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-6I/6S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-6 / MW-6

Page 3 of 3

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 4-20-2010

Date Started/Completed: 4-20-2010/4-21-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~3 ft bgs

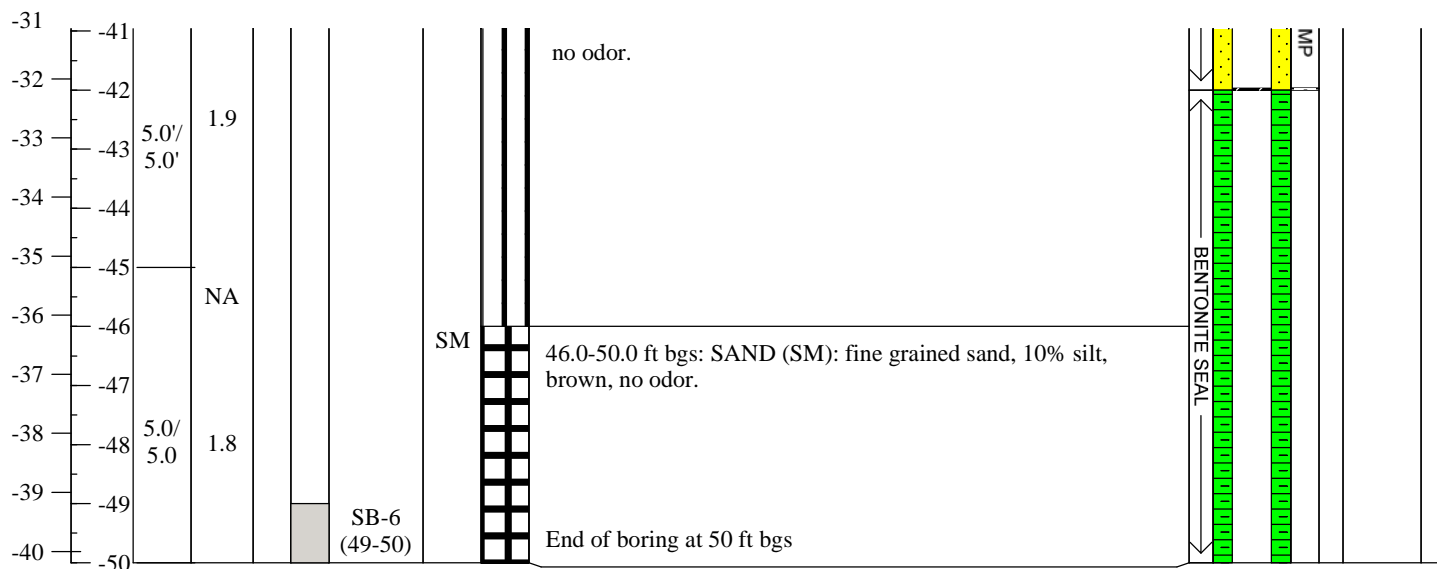
Total Depth: 50 ft bgs

Ground Elevation: 9.81' NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-6I/MW-6S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-6I MW-6S



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-6I/6S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-7 / MW-7

Page 1 of 3

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 4-28-2010

Date Started/Completed: 4-28-2010/4-29-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

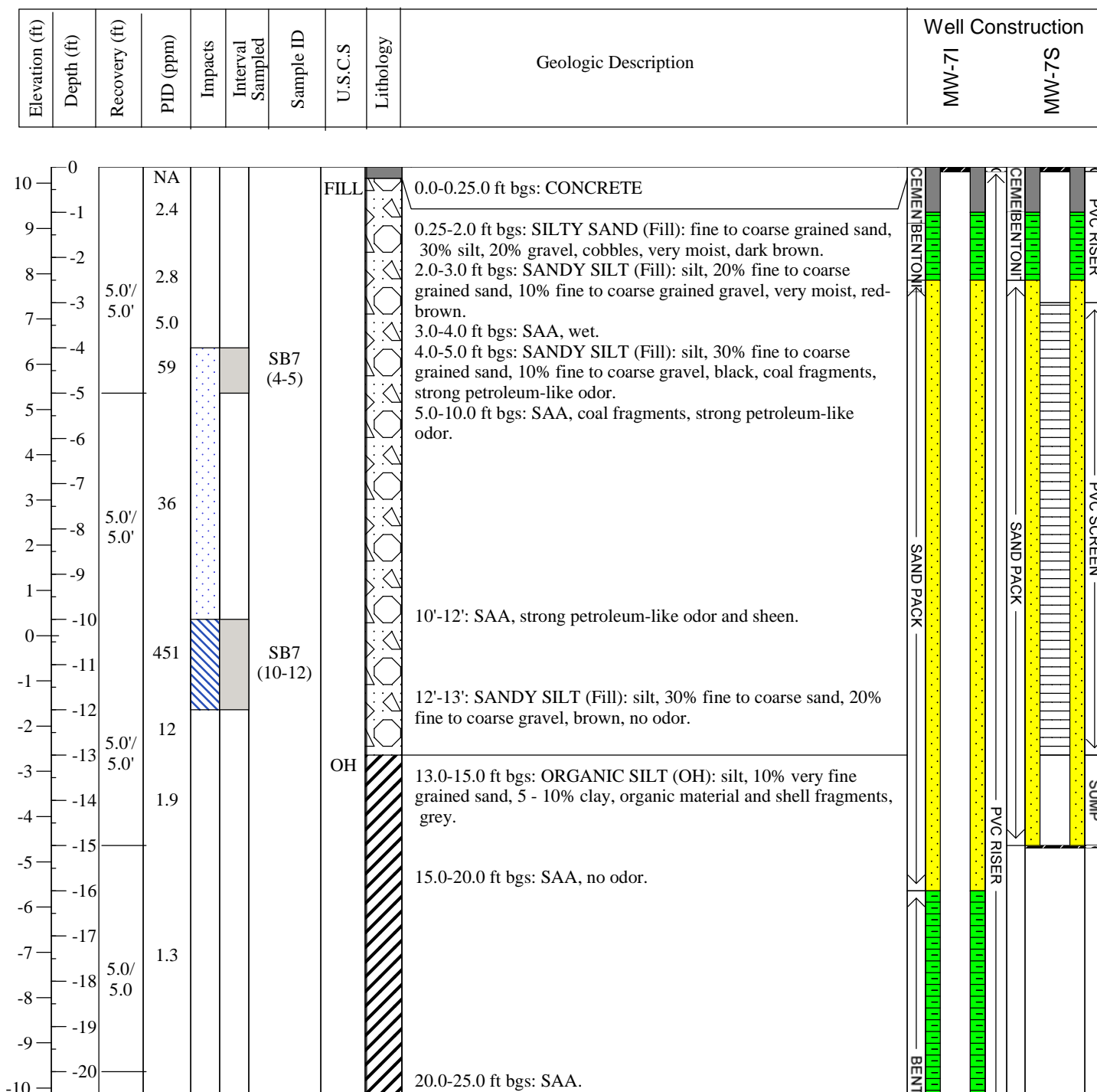
Water Level: ~3 ft bgs

Total Depth: 50 ft bgs

Ground Elevation: 10.36' NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-7I/MW-7S



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-7I/7S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-7 / MW-7

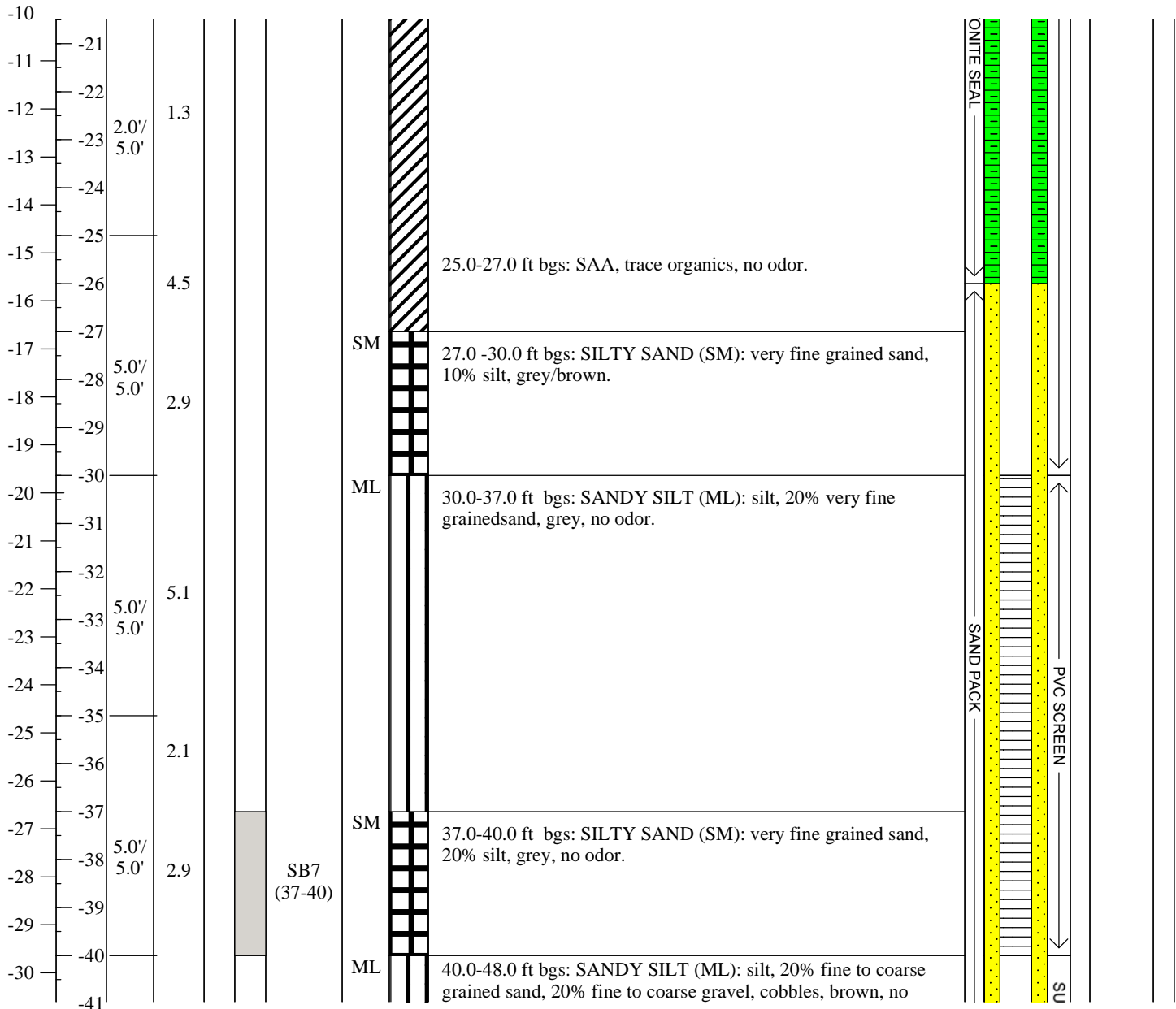
Page 2 of 3

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 4-28-2010
Date Started/Completed: 4-28-2010/4-29-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~3 ft bgs
Total Depth: 50 ft bgs
Ground Elevation: 10.36' NAVD88
Converted To Well (Y/N): Yes
Well ID: MW-7I/MW-7S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-7I MW-7S



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-7I/7S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-8 / MW-8

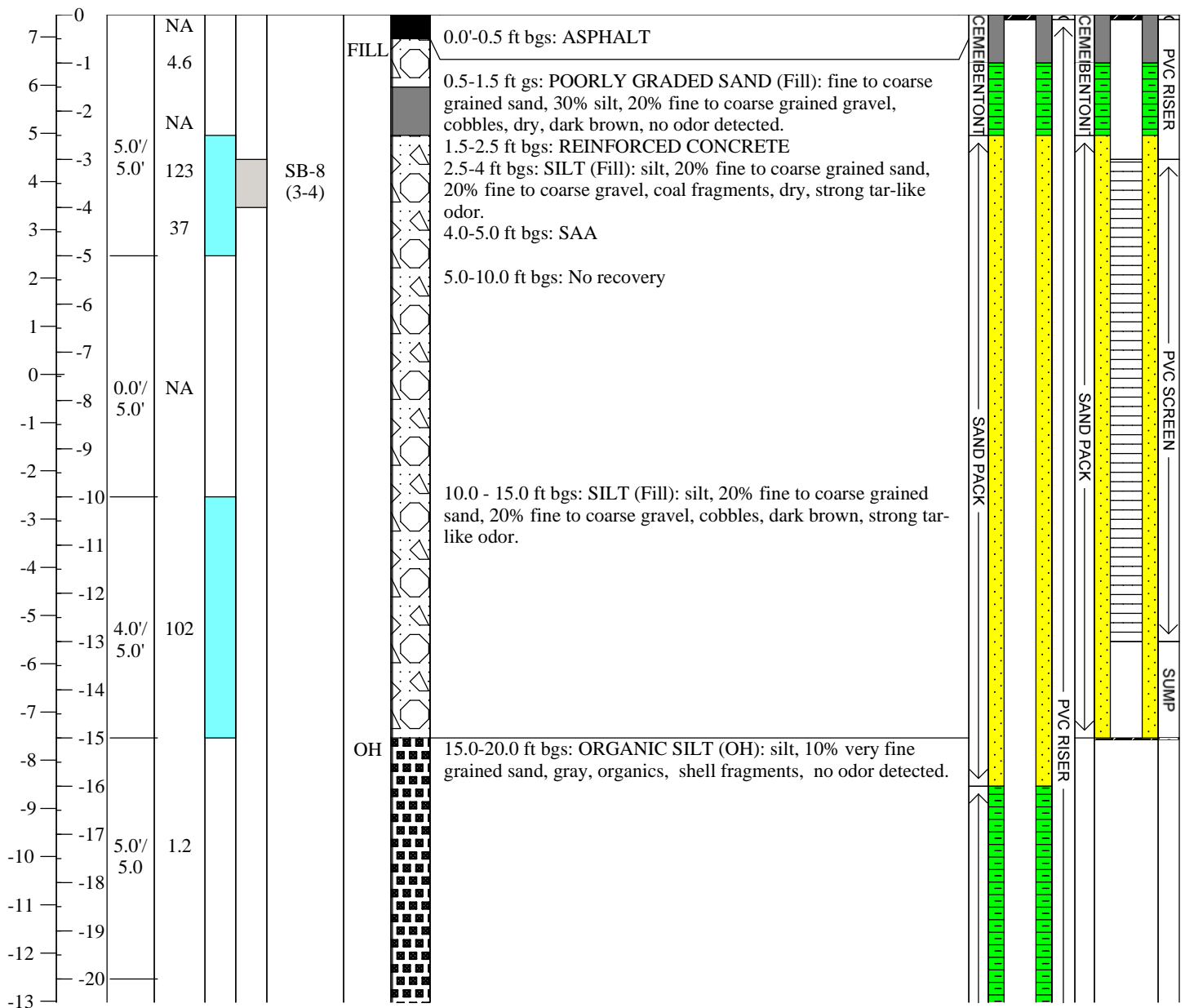
Page 1 of 3

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 5-4-2010
Date Started/Completed: 5-4-2010/5-5-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~4 ft bgs
Total Depth: 50 ft bgs
Ground Elevation: 7.46' NAVD88
Converted To Well (Y/N): Yes
Well ID: MW-8/MW-8S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-8I MW-8S



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-8I/8S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-8 / MW-8

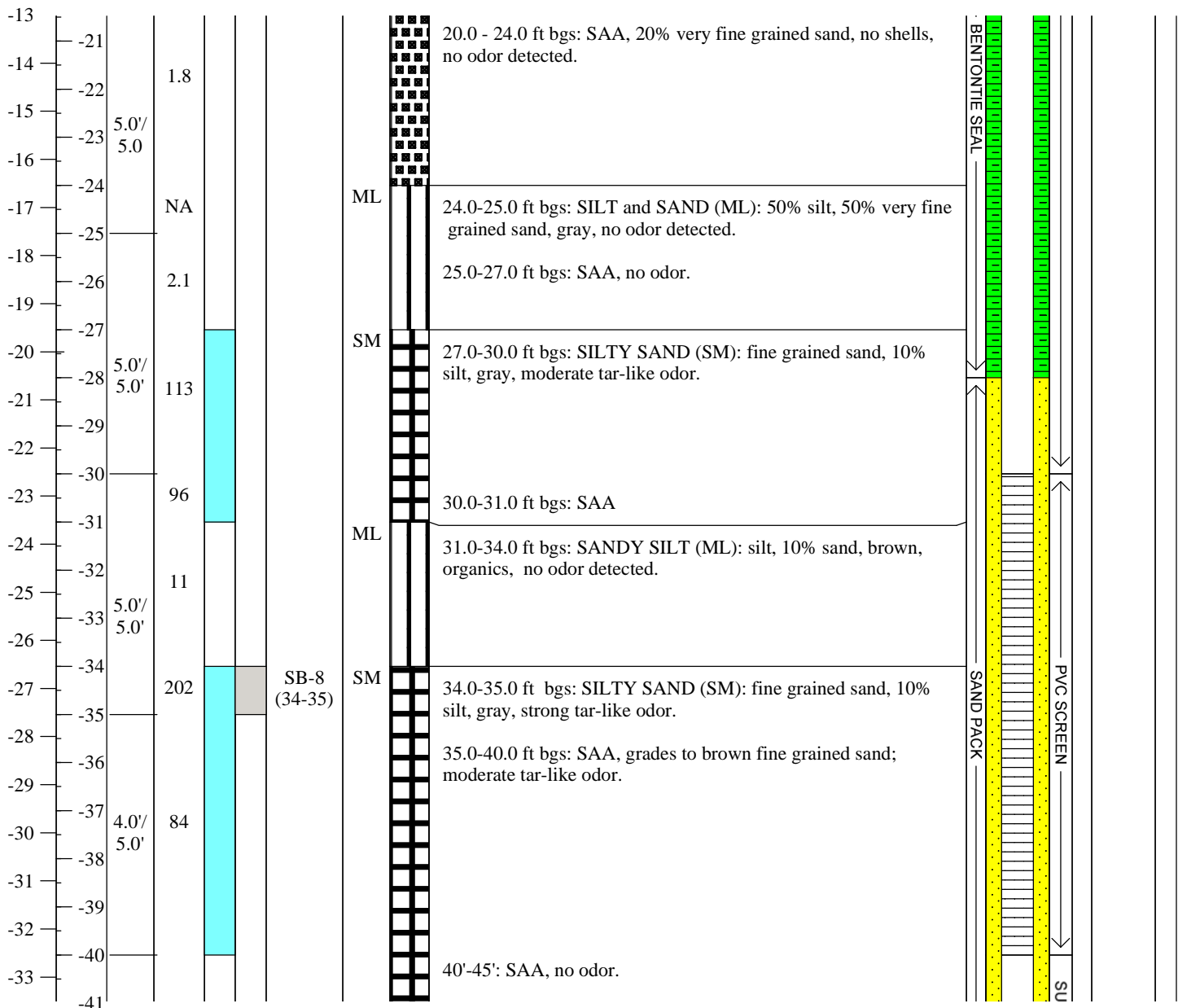
Page 2 of 3

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 5-4-2010
Date Started/Completed: 5-4-2010/5-5-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~4 ft bgs
Total Depth: 50 ft bgs
Ground Elevation: 7.46' NAVD88
Converted To Well (Y/N): Yes
Well ID: MW-8I/MW-8S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description	Well Construction
										MW-8I MW-8S



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-8I/8S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-8 / MW-8

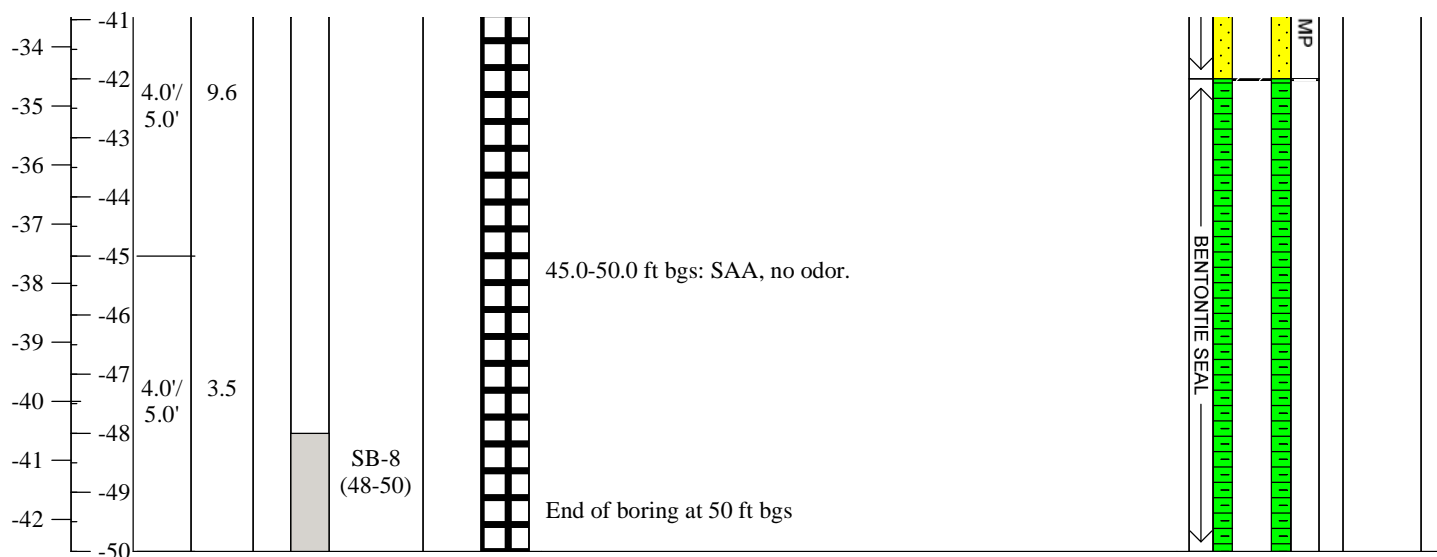
Page 3 of 3

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 5-4-2010
Date Started/Completed: 5-4-2010/5-5-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~4 ft bgs
Total Depth: 50 ft bgs
Ground Elevation: 7.46' NAVD88
Converted To Well (Y/N): Yes
Well ID: MW-8I/MW-8S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-8I MW-8S



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-8I/8S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-9 / MW-9

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 9-14-10

Date Started/Completed: 9-15-2010/9-17-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5 ft disposable plastic liner

Boring Diameter: 8"

Logged By: Jennifer Pfeiffer/Jessica Ehlen

Water Level: ~9 ft bgs

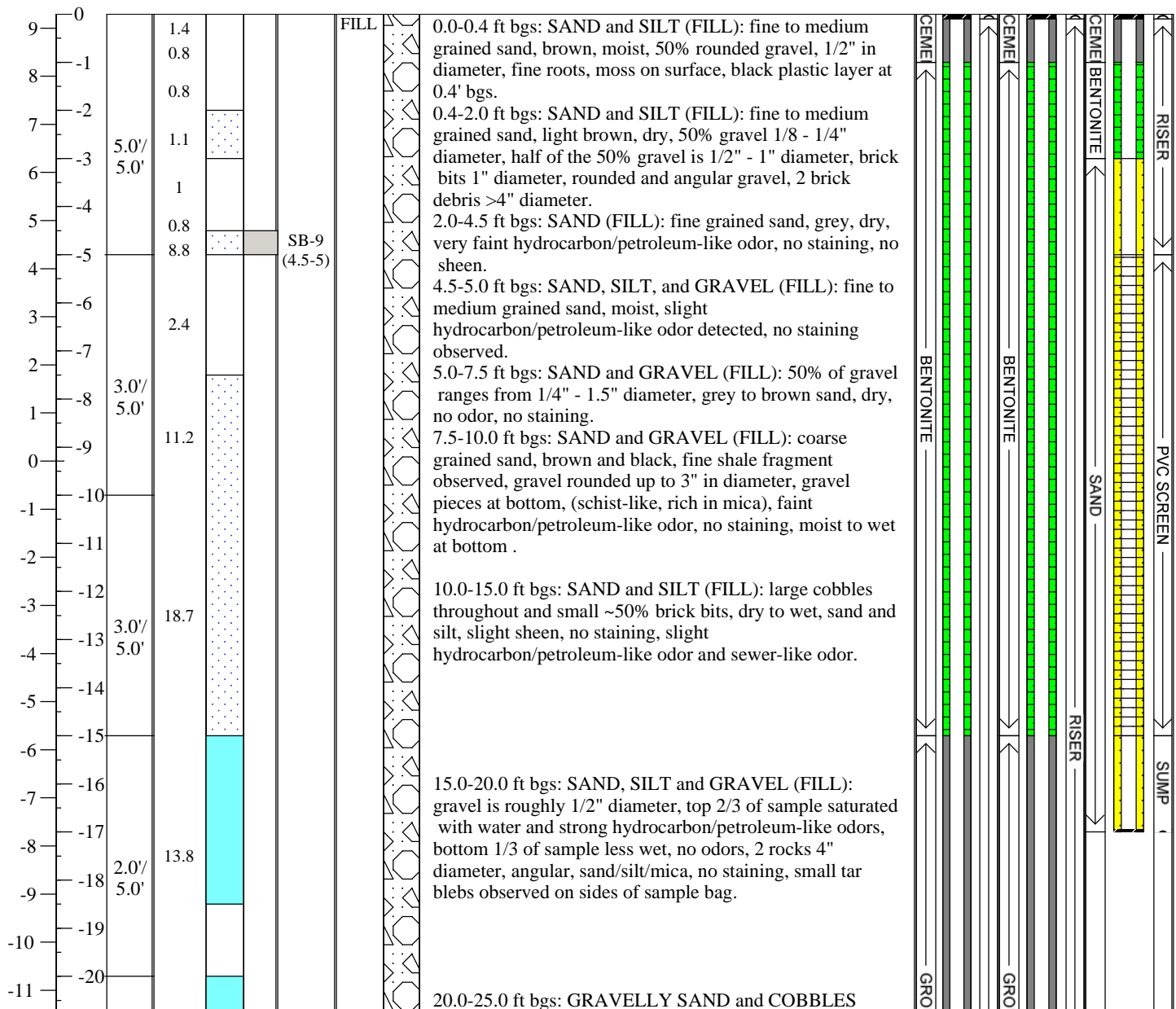
Total Depth: 80 ft bgs

Ground Elevation: 9.29'(I/D) 9.36'(S) NAVD88

Converted To Well (Y/N): YES

Well ID: MW-9D/MW-9I/MW-9S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction		
										MW - 9D	MW - 9I	MW - 9S



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Boring was converted into Monitoring Well: MW-9D/9I/9S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid
- 10) NR- no recovery



Boring ID: SB-9 / MW-9

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 9-14-10

Date Started/Completed: 9-15-2010/9-17-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5 ft disposable plastic liner

Boring Diameter: 8"

Logged By: Jennifer Pfeiffer/Jessica Ehlen

Water Level: ~9 ft bgs

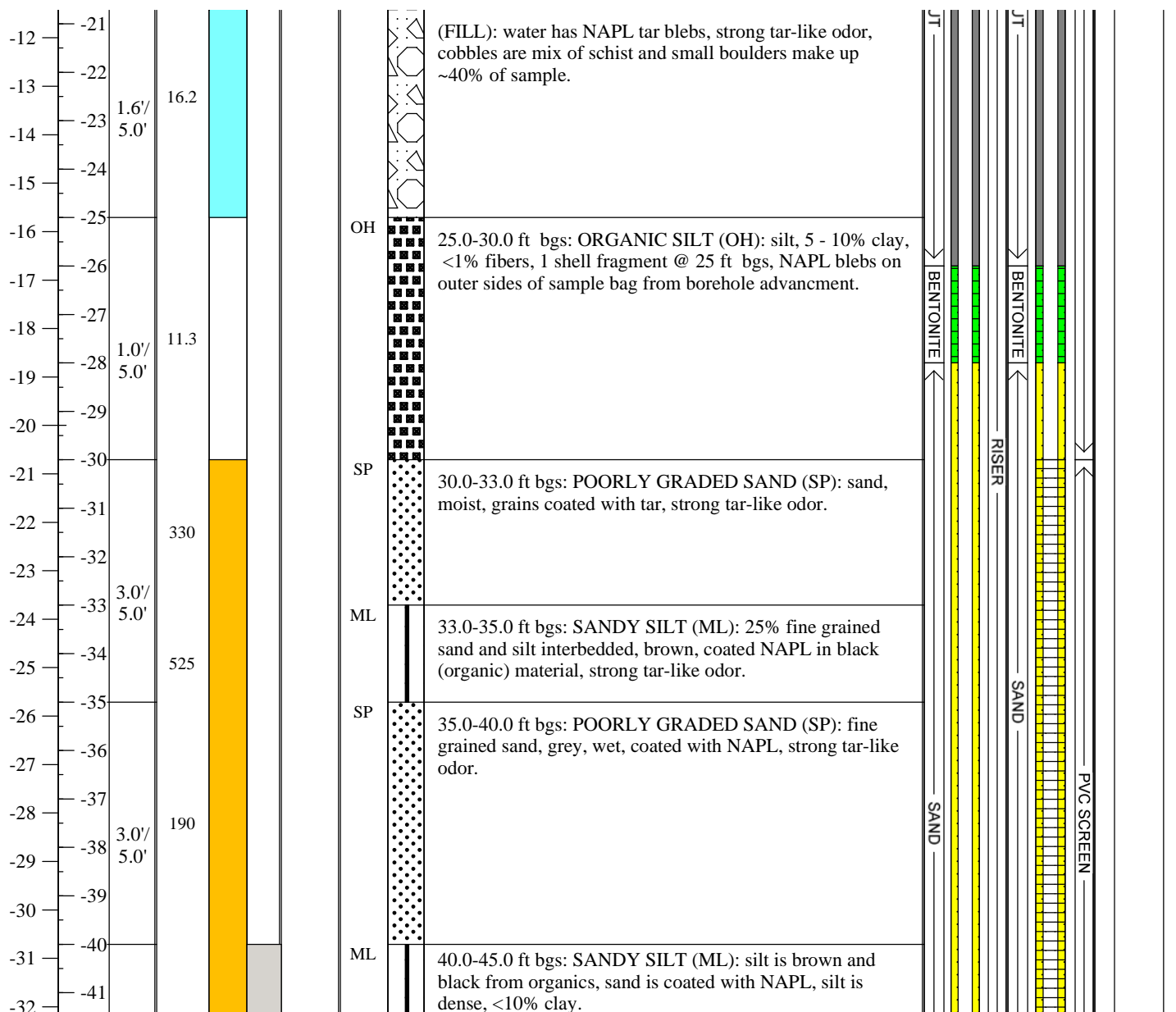
Total Depth: 80 ft bgs

Ground Elevation: 9.29'(I/D) 9.36'(S) NAVD88

Converted To Well (Y/N): YES

Well ID: MW-9D/MW-9I/MW-9S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction		
										MW - 9D	MW - 9I	MW - 9S



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Boring was converted into Monitoring Well: MW-9D/9I/9S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid
- 10) NR - no recovery



Boring ID: SB-9 / MW-9

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 9-14-10

Date Started/Completed: 9-15-2010/9-17-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5 ft disposable plastic liner

Boring Diameter: 8"

Logged By: Jennifer Pfeffer/Jessica Ehlen

Water Level: ~9 ft bgs

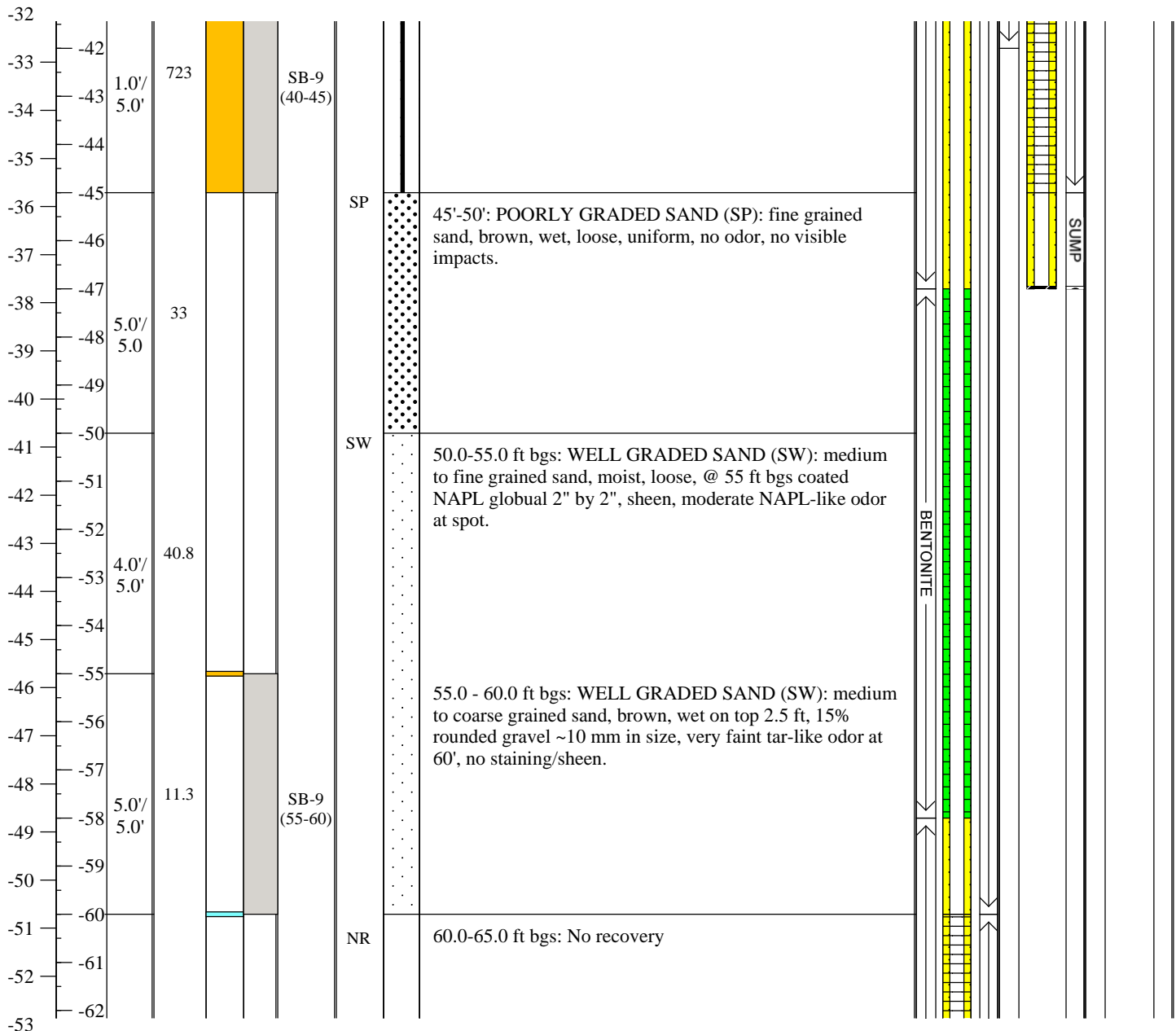
Total Depth: 80 ft bgs

Ground Elevation: 9.29'(I/D) 9.36'(S) NAVD88

Converted To Well (Y/N): YES

Well ID: MW-9D/MW-9I/MW-9S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction		
										MW - 9D	MW - 9I	MW - 9S



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Boring was converted into Monitoring Well: MW-9D/9I/9S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid
- 10) NR - no recovery



Boring ID: SB-9 / MW-9

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 9-14-10

Date Started/Completed: 9-15-2010/9-17-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5 ft disposable plastic liner

Boring Diameter: 8"

Logged By: Jennifer Pfeiffer/Jessica Ehlen

Water Level: ~9 ft bgs

Total Depth: 80 ft bgs

Ground Elevation: 9.29'(I/D) 9.36'(S) NAVD88

Converted To Well (Y/N): YES

Well ID: MW-9D/MW-9I/MW-9S

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction		
										MW - 9D	MW - 9I	MW - 9S
-53	0.0'	NA										
-54	5.0'											
-55												
-56								SP	65.0-70.0 ft bgs: WELL GRADED SAND (SW): medium to fine grained sand, no gravel, wet, loose, brown, no staining or odors detected.			
-57												
-58												
-59	5.0'	26										
-60	5.0'											
-61								SW	70.0-72.5 ft bgs: WELL GRADED SAND (SW): medium to fine grained sand, wet, brown, no odor or visible impacts.			
-62												
-63												
-64	5.0'	2.5							72.5-75.0 ft bgs: WELL GRADED SAND (SW): medium to fine sand, 30% gravel 10 mm to 1 inch diameter, wet, loose, no odors or visible impacts.			
-65	5.0'											
-66									75.0 ft bgs-76.0 ft bgs: SAA			
-67									76.0-80.0 ft bgs: WELL GRADED SAND (SW): sand, loose, wet, reddish-color, no odor, no visible impacts.			
-68												
-69	5.0'	1.5				SB-9 (75-80)						
-70	5.0'								End of Boring at 80' bgs			
-80												

Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Boring was converted into Monitoring Well: MW-9D/9I/9S
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid
- 10) NR- no recovery



Boring ID: SB-10

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-15-2010

Date Started/Completed: 4-15-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~4 ft bgs

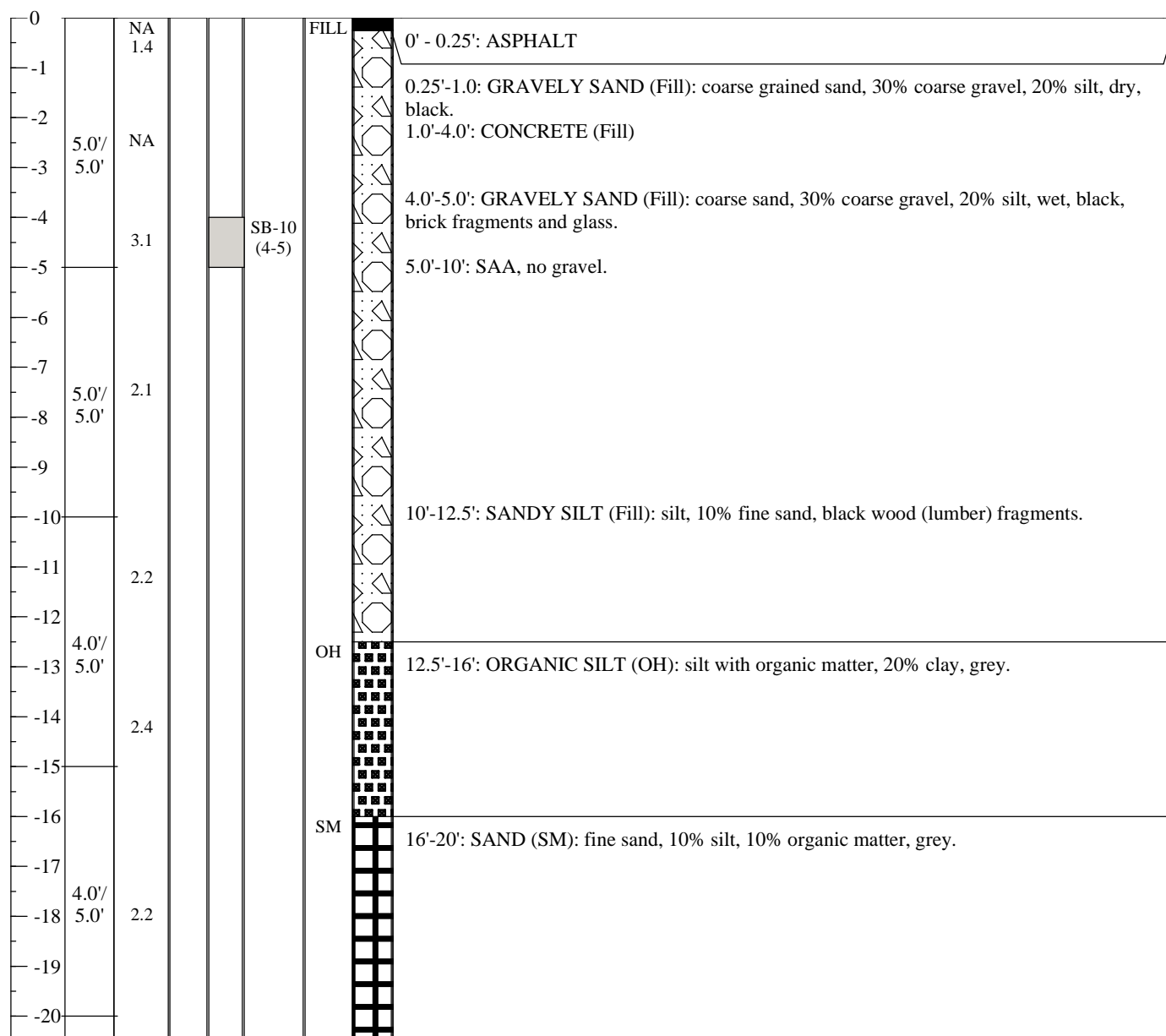
Total Depth: 50 ft bgs

Ground Elevation: 9.27' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-10

Page 2 of 3

Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-15-2010

Date Started/Completed: 4-15-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~4 ft bgs

Total Depth: 50 ft bgs

Ground Elevation: 9.27' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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-21								20'-23': SAA, < 5% gravel, no organic matter.
-22	5.0'/	2.8						
-23	5.0'					ML		23'-26': SILT (ML): silt, 10% very fine sand, < 5% fine gravel, < 5% shells, grey.
-24		2.1						
-25								
-26						SM		26'-30.5': SILTY SAND (SM): very fine sand, 20% silt, grey.
-27	5.0'/							
-28	5.0'	3.0						
-29								
-30								
-31		4.1				ML		30.5'-32': SILT (ML): silt, 10% very fine sand, <10% clay, grey.
-32	5.0'/					SM		32'-35.5': SILTY SAND (SM): very fine sand, 30% silt, grey.
-33	5.0'	6.4						
-34								
-35								
-36						ML		35.5'-38': SILT (ML): silt, 10% very fine sand, grey.
-37	5.0'/	3.3						
-38	5.0'					SM		38'-40': SAND (SM): fine sand, 10% silt, brown.
-39		3.2						
-40								
-41								40'-50': SAA, 10% gravel.

Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-10

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-15-2010

Date Started/Completed: 4-15-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~4 ft bgs

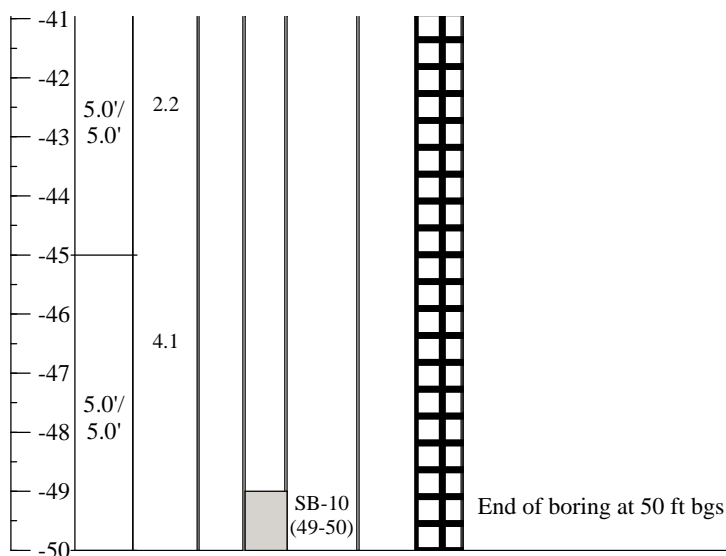
Total Depth: 50 ft bgs

Ground Elevation: 9.27' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-11

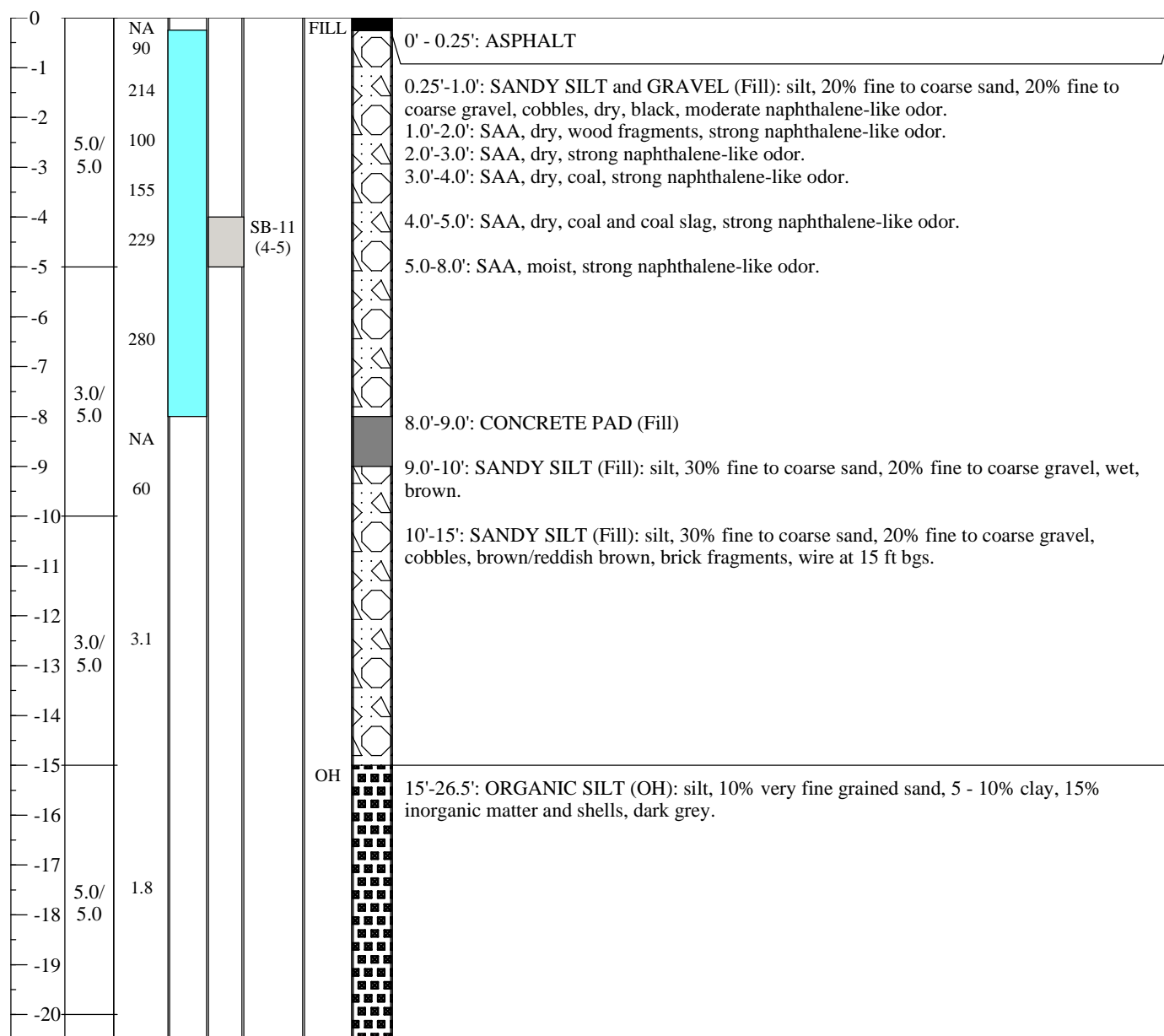
Page 1 of 3

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-19-2010
Date Started/Completed: 4-19-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~5 ft bgs
Total Depth: 60 ft bgs
Ground Elevation: 9.44' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-11

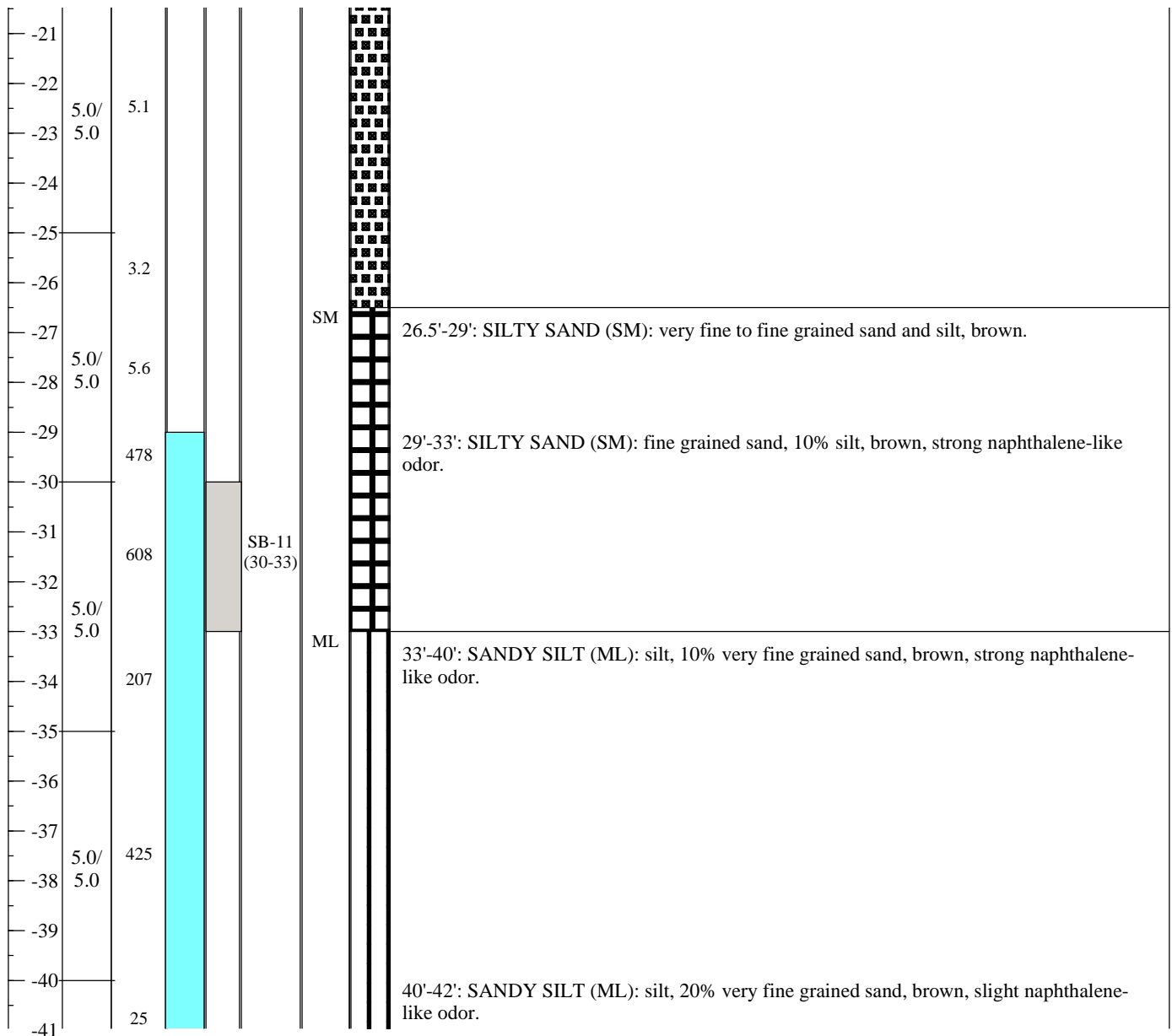
Page 2 of 3

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-19-2010
Date Started/Completed: 4-19-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~5 ft bgs
Total Depth: 60 ft bgs
Ground Elevation: 9.44' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-11

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-19-2010

Date Started/Completed: 4-19-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~5 ft bgs

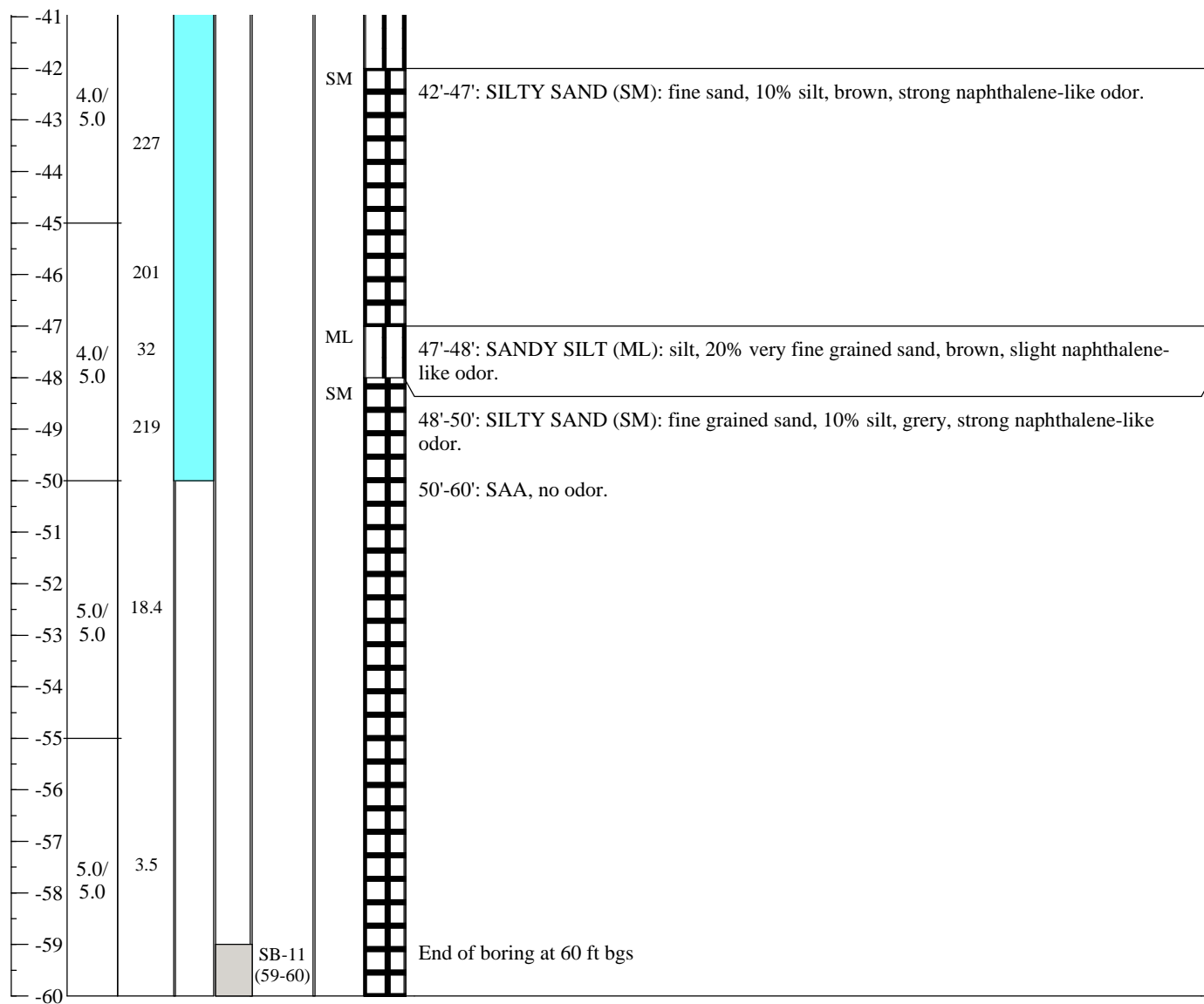
Total Depth: 60 ft bgs

Ground Elevation: 9.44' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-12

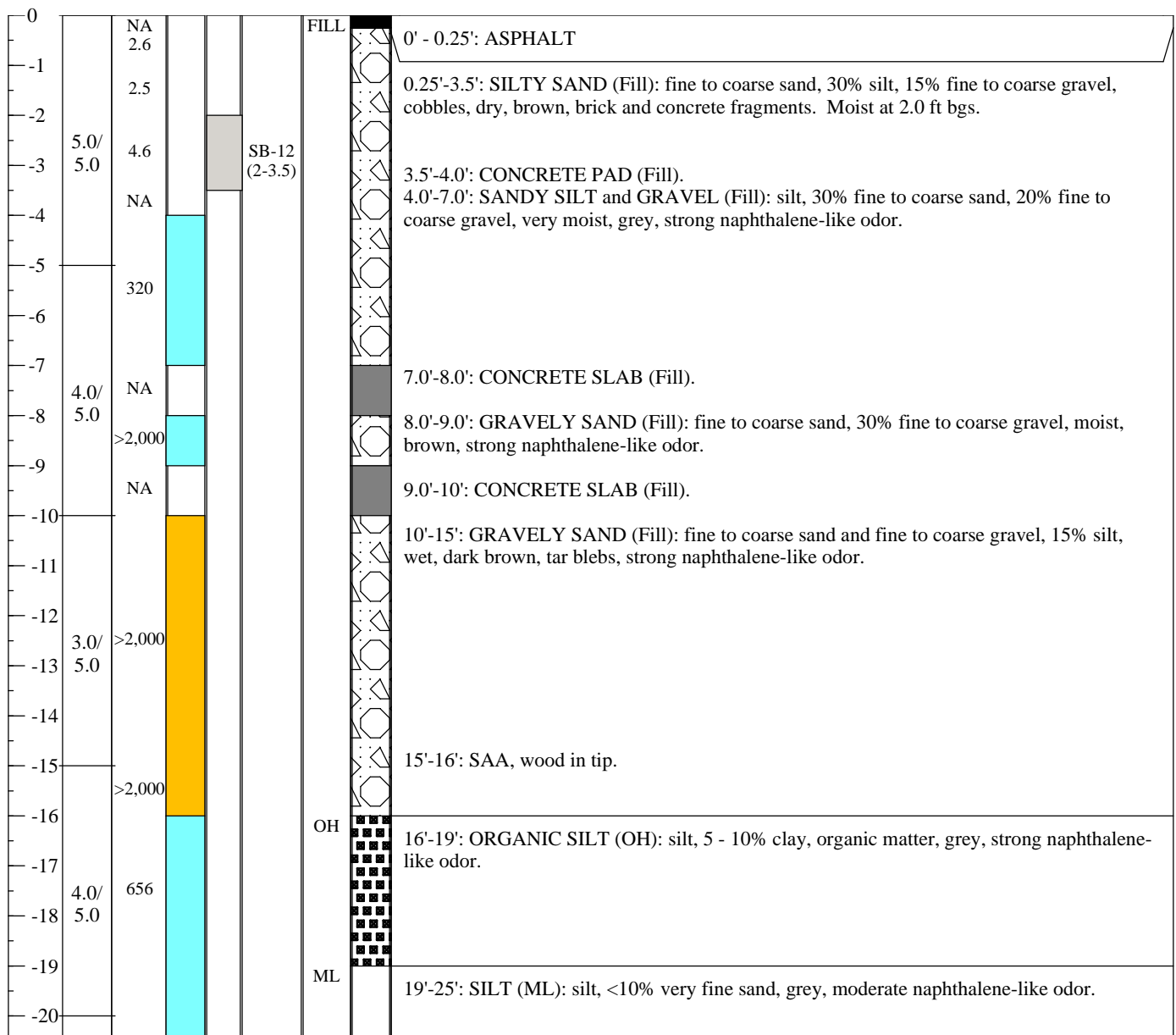
Page 1 of 3

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-14-2010
Date Started/Completed: 4-14-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~4 ft bgs
Total Depth: 50 ft bgs
Ground Elevation: 9.56' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-12

Page 2 of 3

Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-14-2010

Date Started/Completed: 4-14-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~4 ft bgs

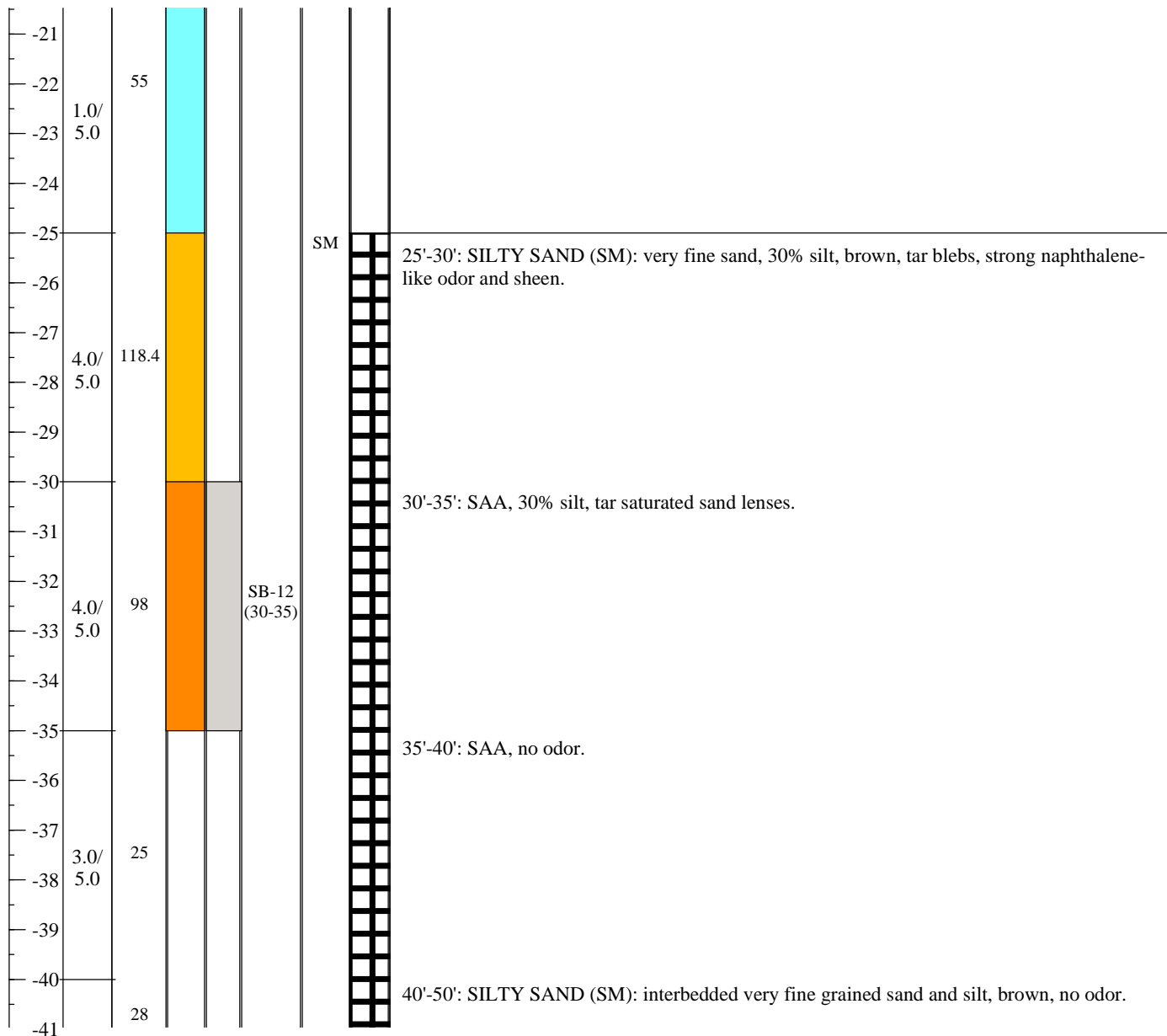
Total Depth: 50 ft bgs

Ground Elevation: 9.56' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
------------	---------------	-----------	---------	------------------	-----------	----------	-----------	----------------------



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-12

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-14-2010

Date Started/Completed: 4-14-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~4 ft bgs

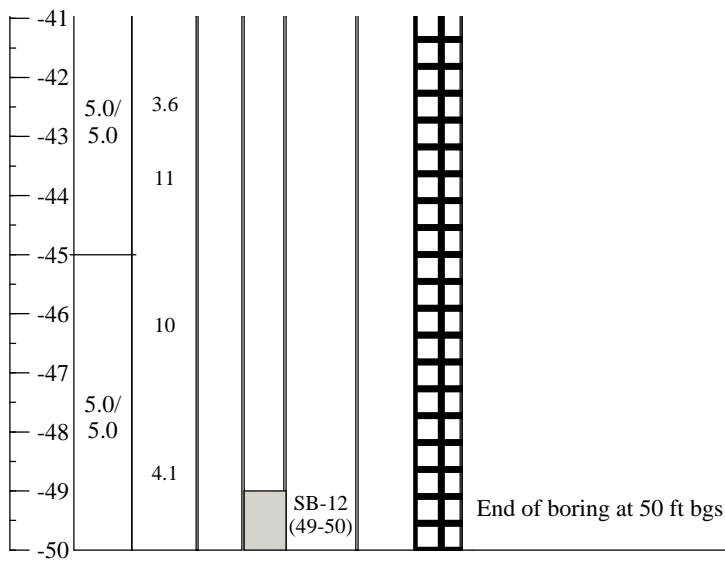
Total Depth: 50 ft bgs

Ground Elevation: 9.56' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-13

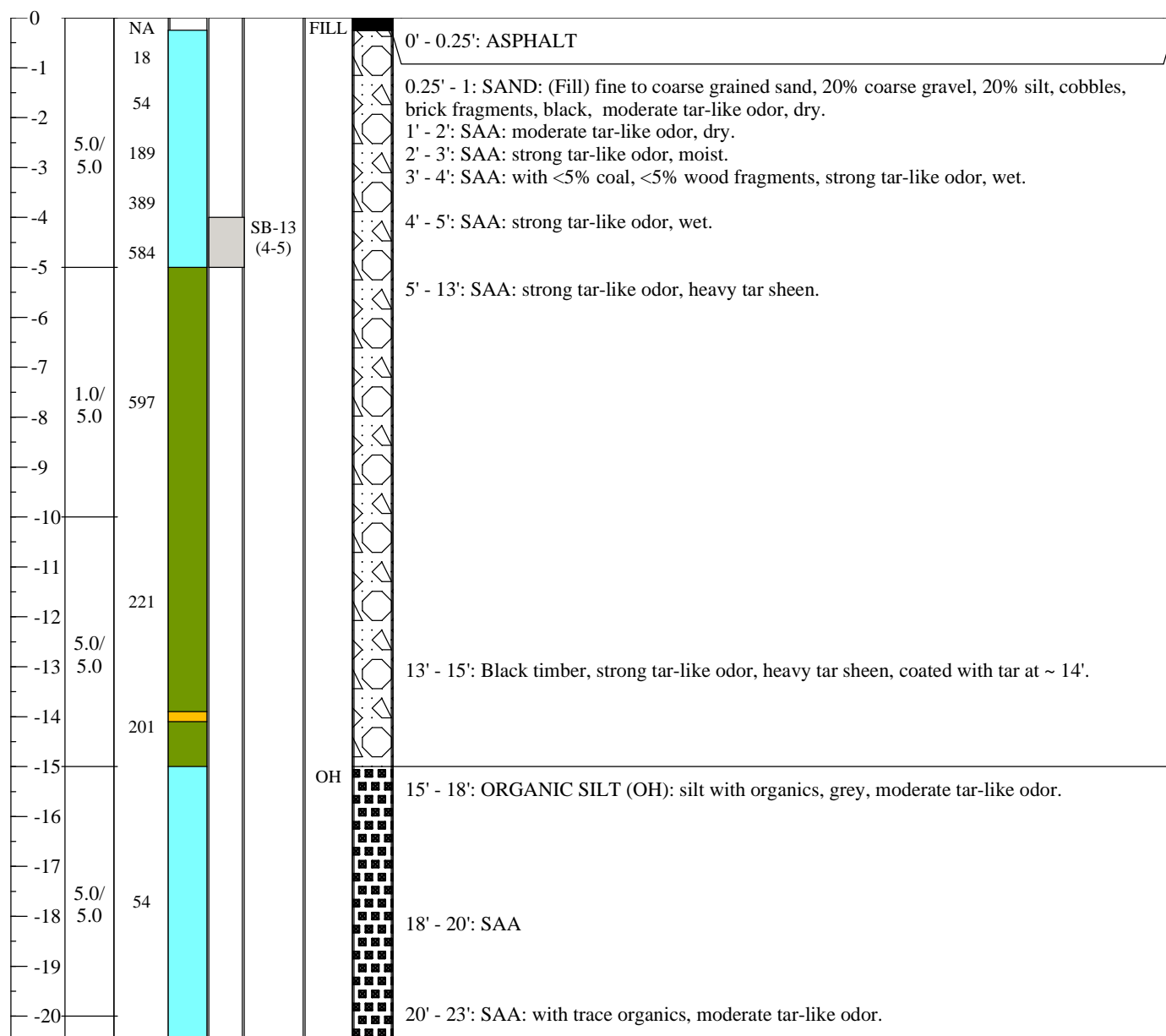
Page 1 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-14-2010
Date Started/Completed: 4-14-2010/4-15-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: 3 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 8.42' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-13

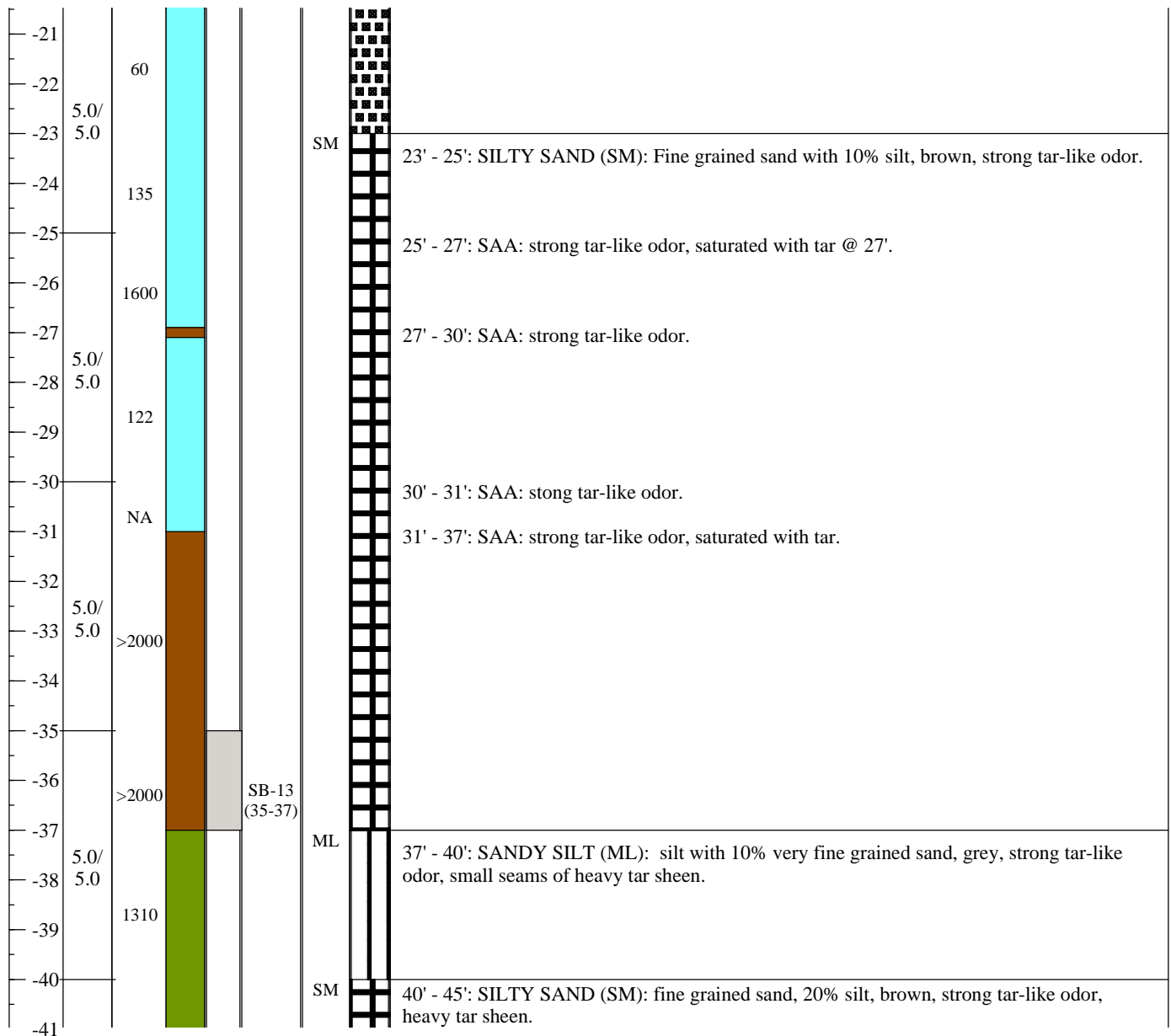
Page 2 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-14-2010
Date Started/Completed: 4-14-2010/4-15-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: 3 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 8.42' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
------------	---------------	-----------	---------	------------------	-----------	---------	-----------	----------------------



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-13

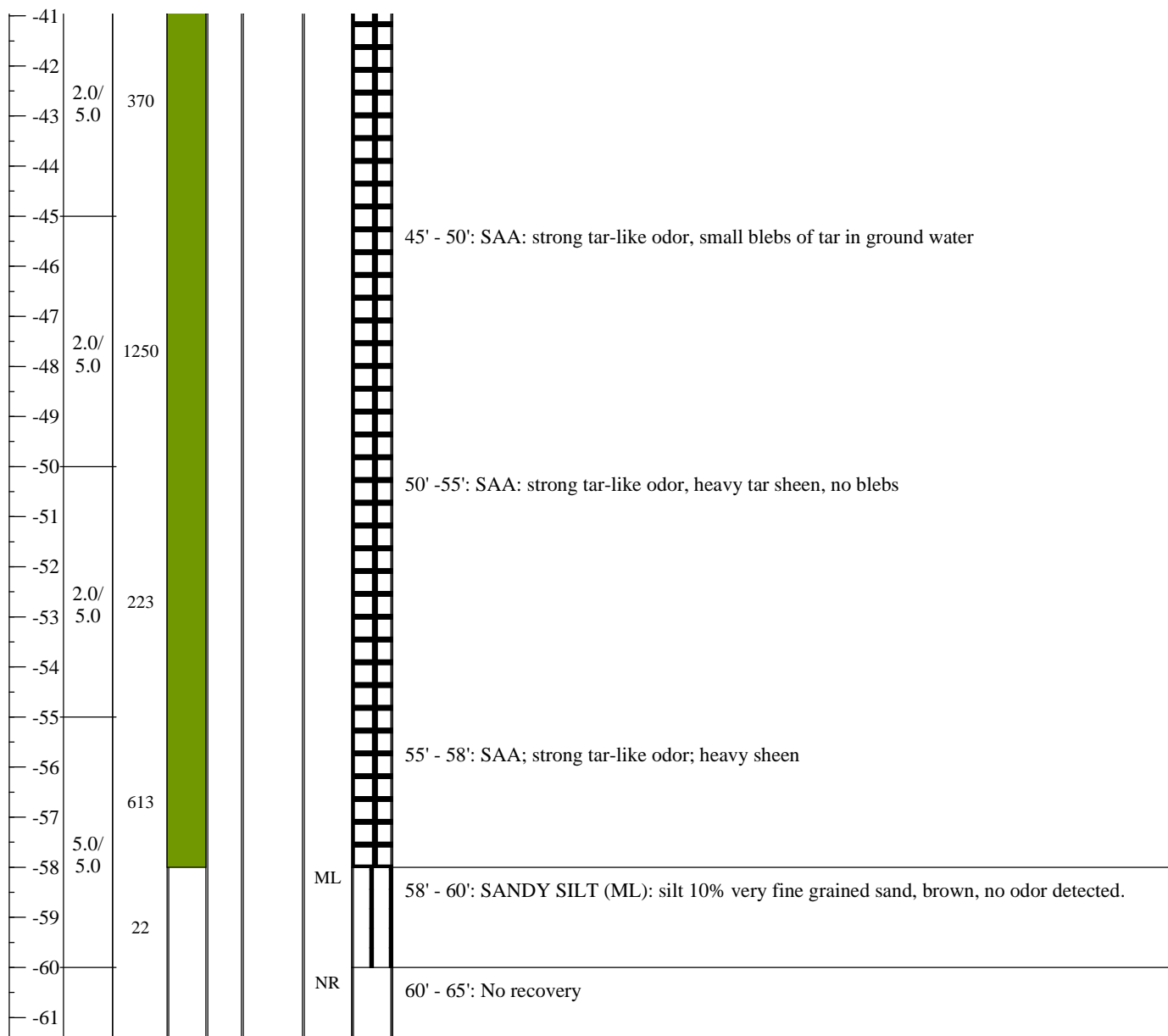
Page 3 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-14-2010
Date Started/Completed: 4-14-2010/4-15-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: 3 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 8.42' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-13

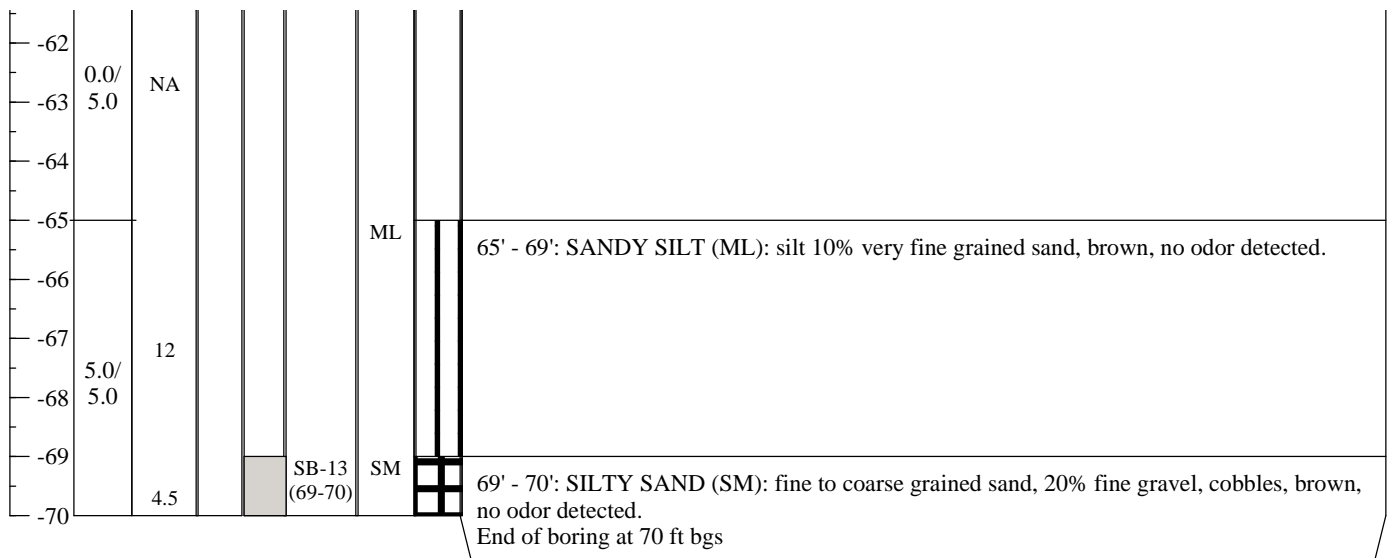
Page 4 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-14-2010
Date Started/Completed: 4-14-2010/4-15-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: 3 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 8.42' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
------------	---------------	-----------	---------	------------------	-----------	---------	-----------	----------------------



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-14

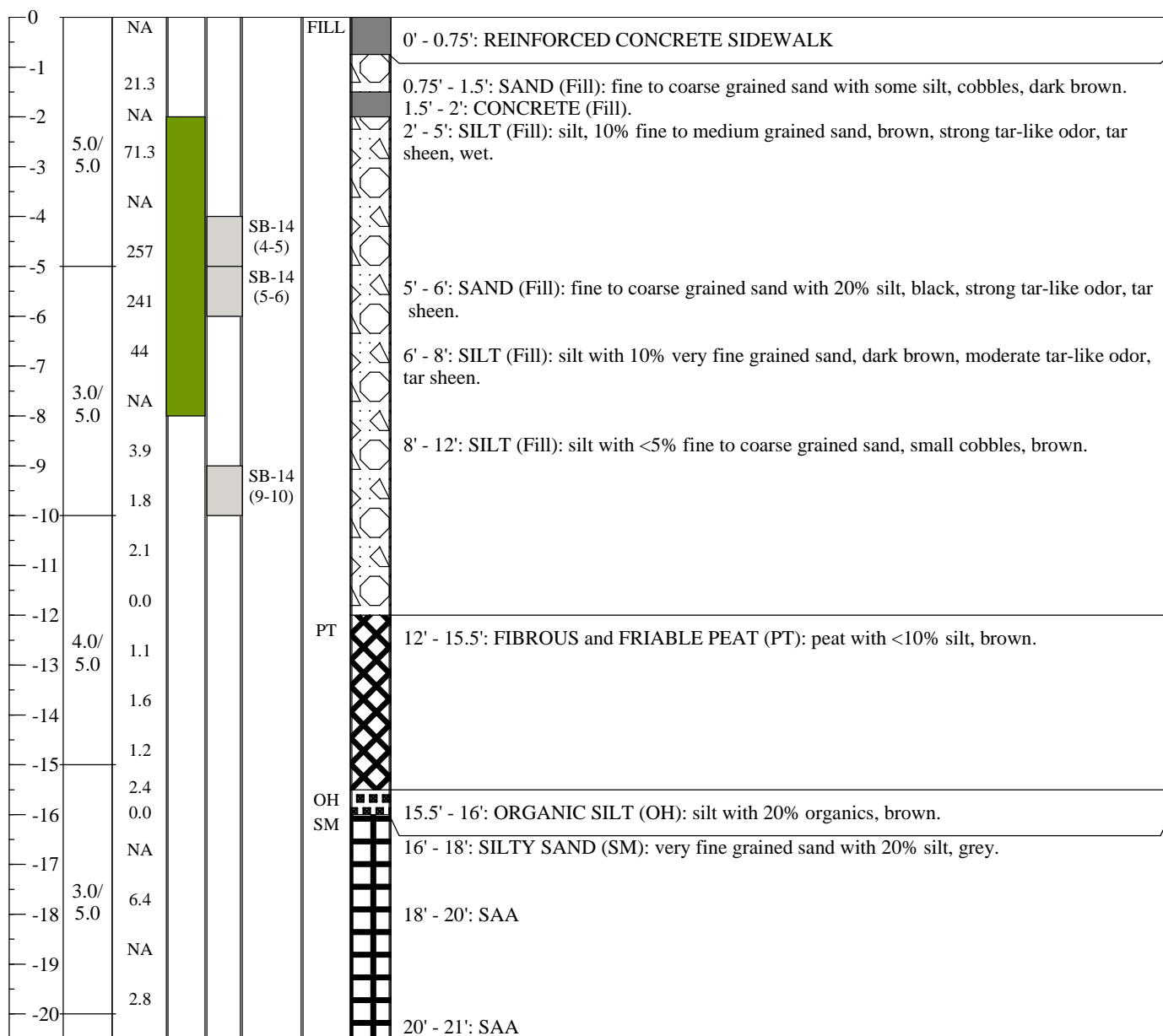
Page 1 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4/1/2010
Date Started/Completed: 4-1-2010/4-2-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: 1 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 9.23' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-14

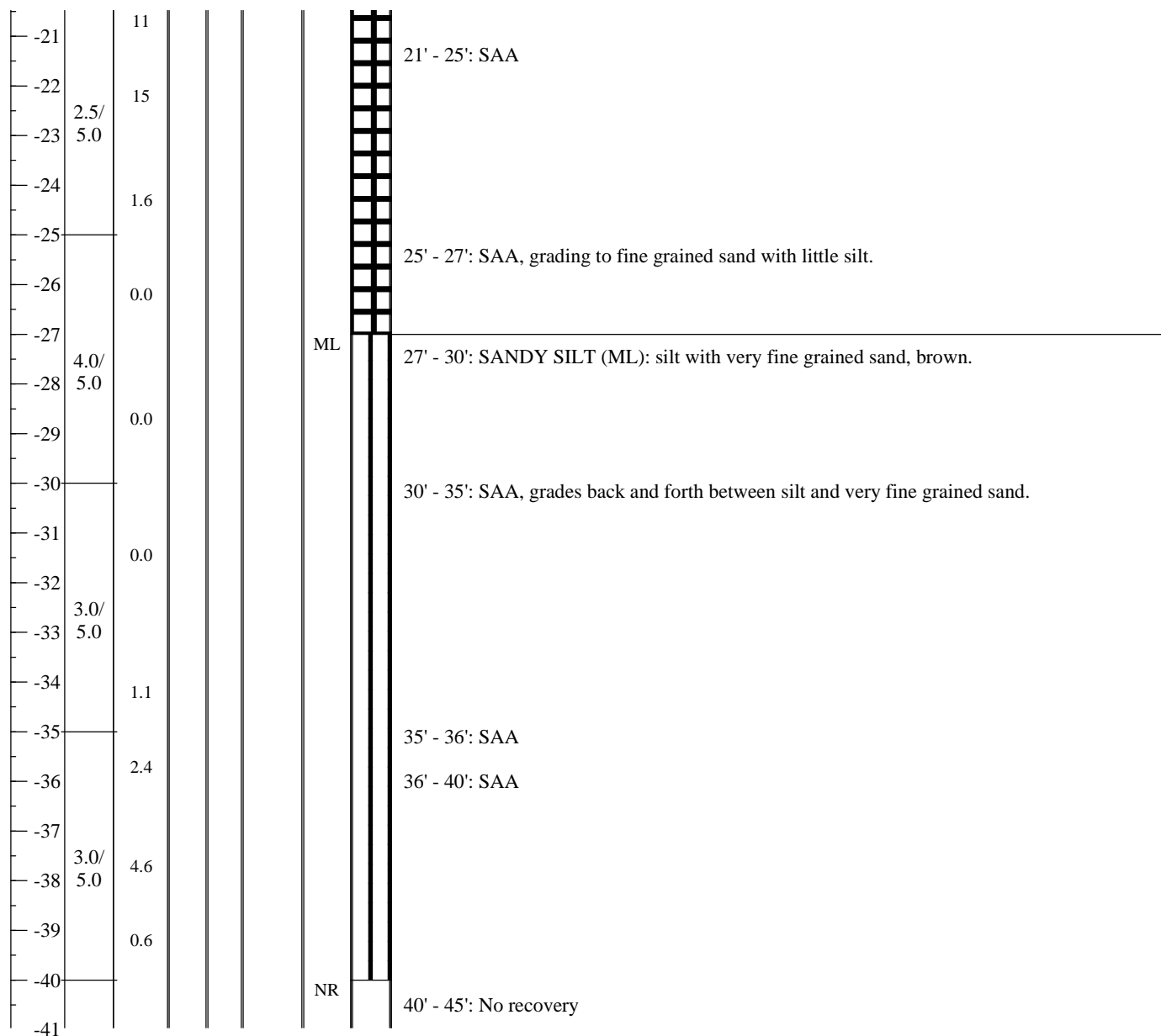
Page 2 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4/1/2010
Date Started/Completed: 4-1-2010/4-2-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: 1 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 9.23' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
------------	---------------	-----------	---------	------------------	-----------	---------	-----------	----------------------



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-14

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Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4/1/2010
Date Started/Completed: 4-1-2010/4-2-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: 1 ft bgs

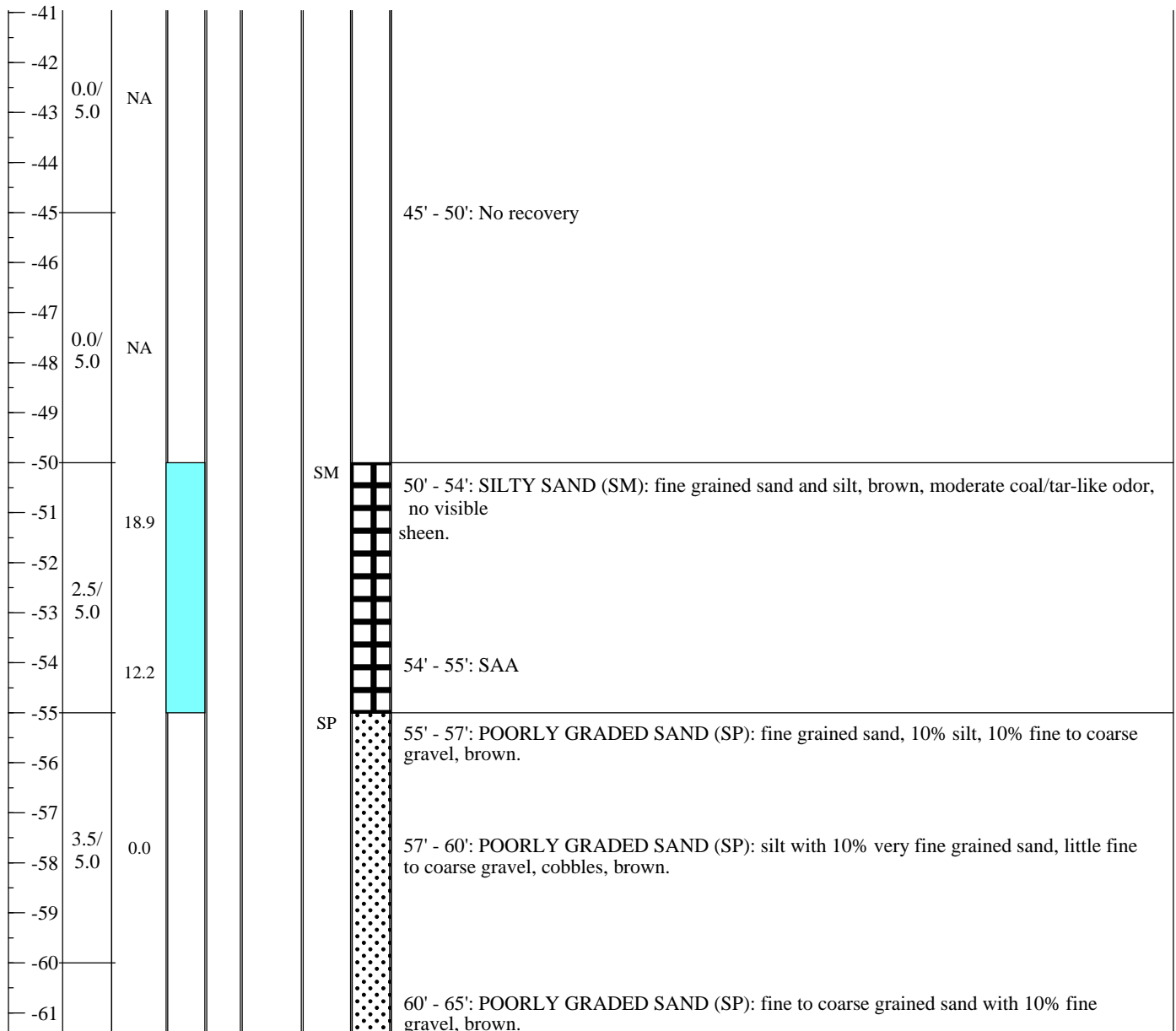
Total Depth: 70 ft bgs

Ground Elevation: 9.23' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-14

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4/1/2010

Date Started/Completed: 4-1-2010/4-2-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: 1 ft bgs

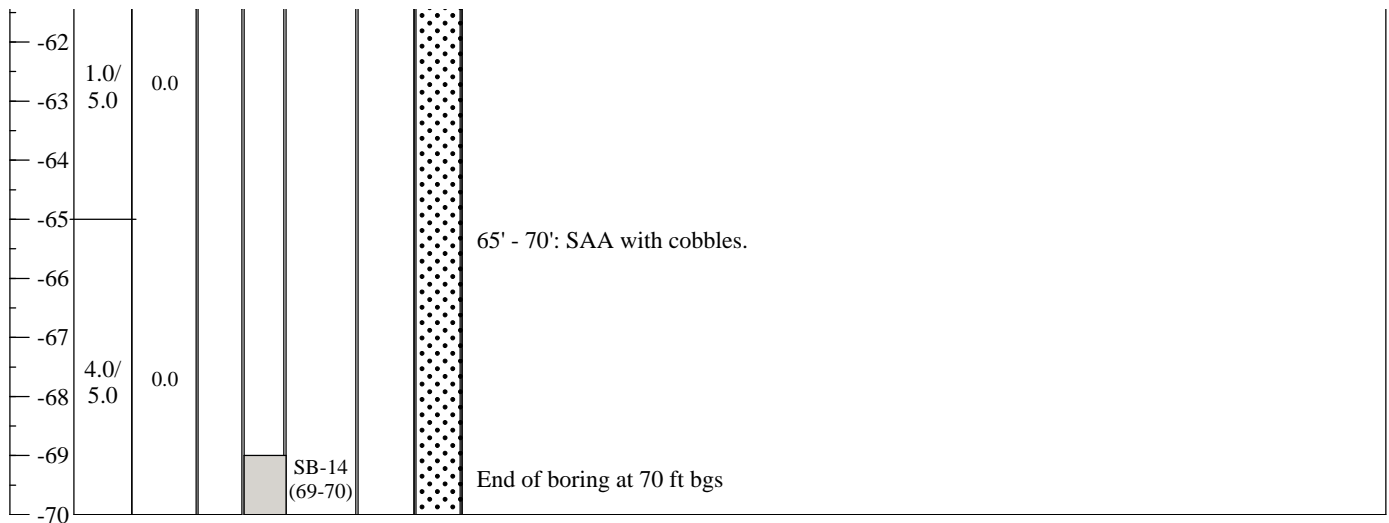
Total Depth: 70 ft bgs

Ground Elevation: 9.23' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-15

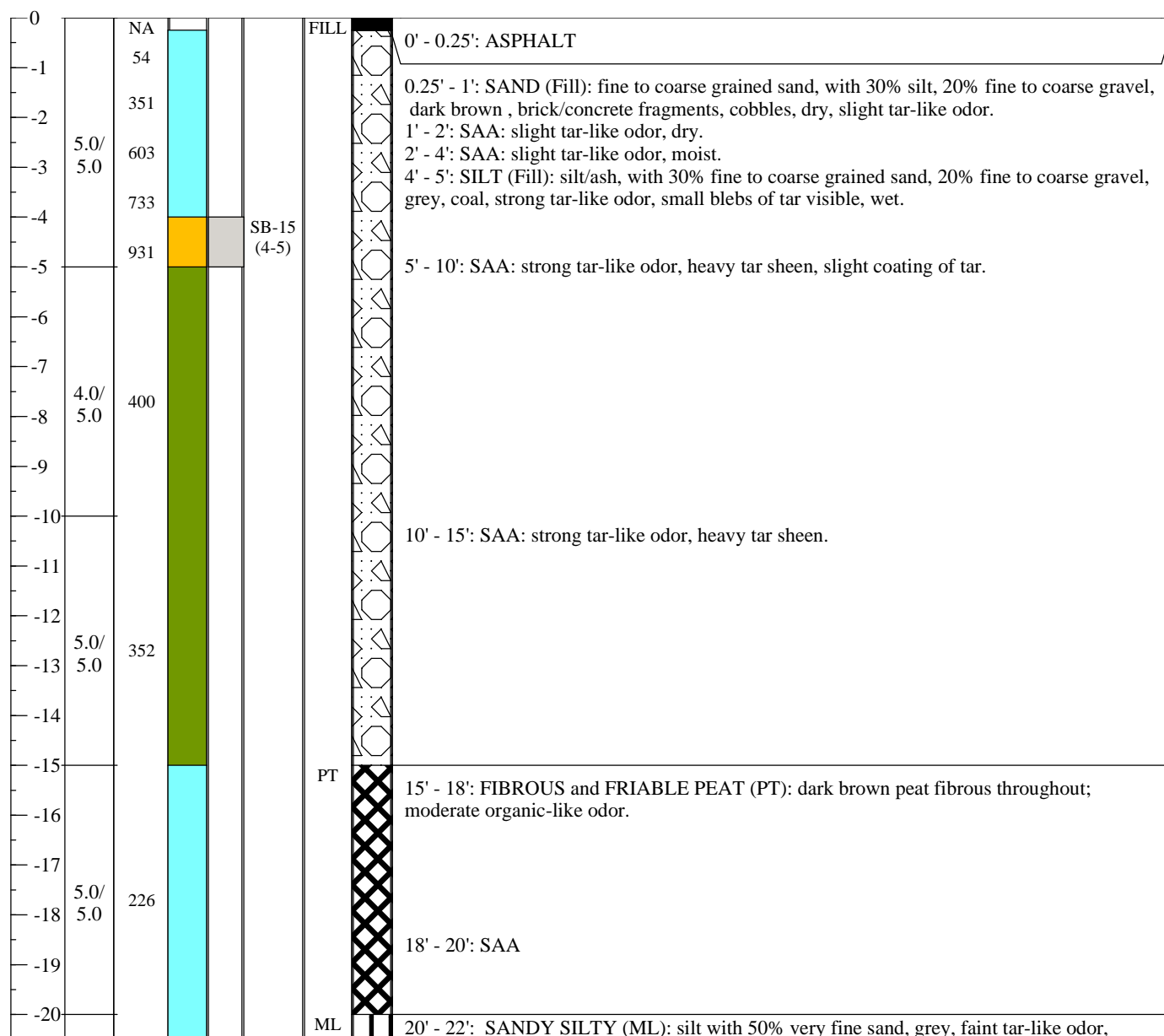
Page 1 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-14-2010
Date Started/Completed: 4-14-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: 3 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 11.46' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-15

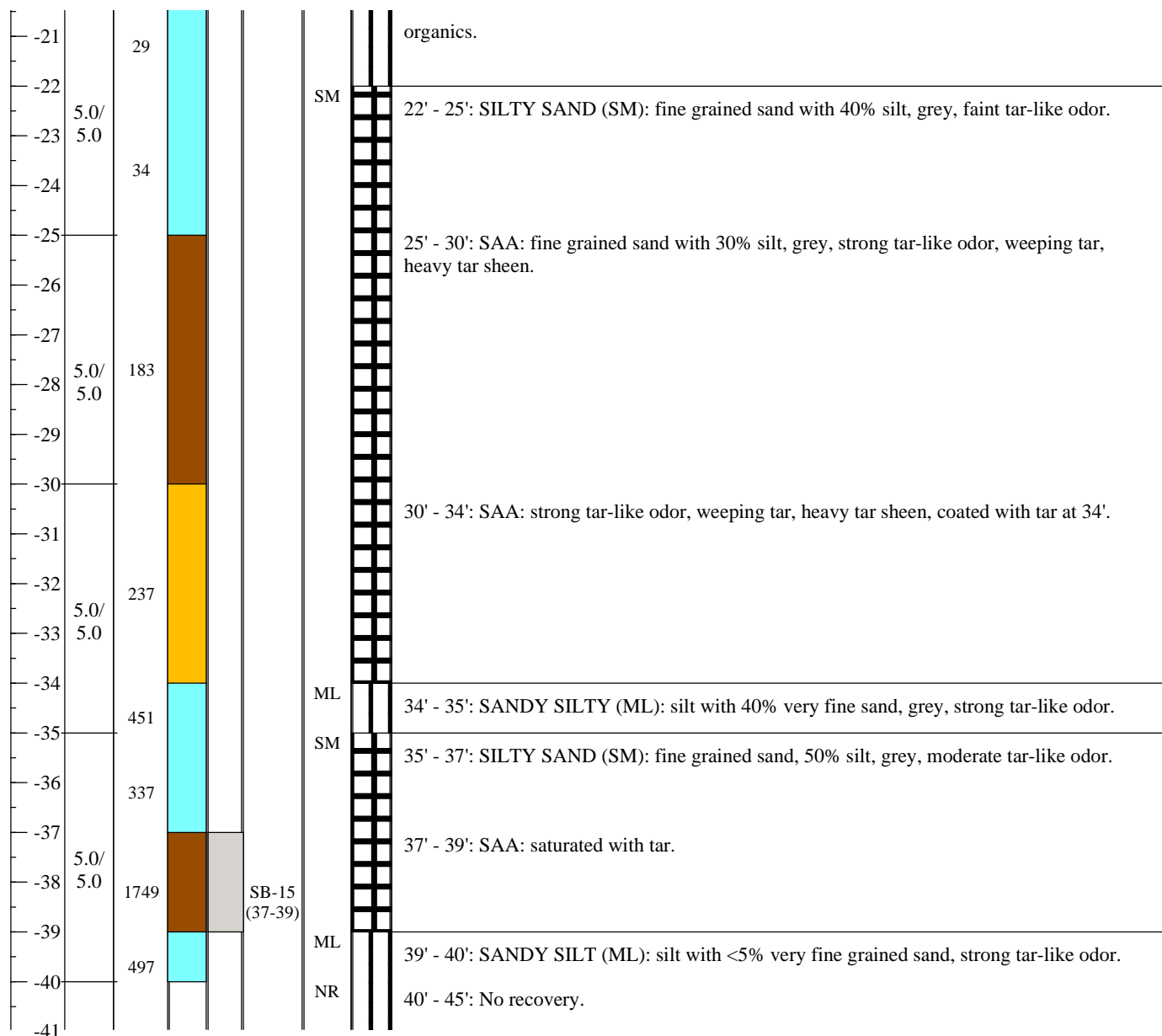
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Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-14-2010
Date Started/Completed: 4-14-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: 3 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 11.46' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-15

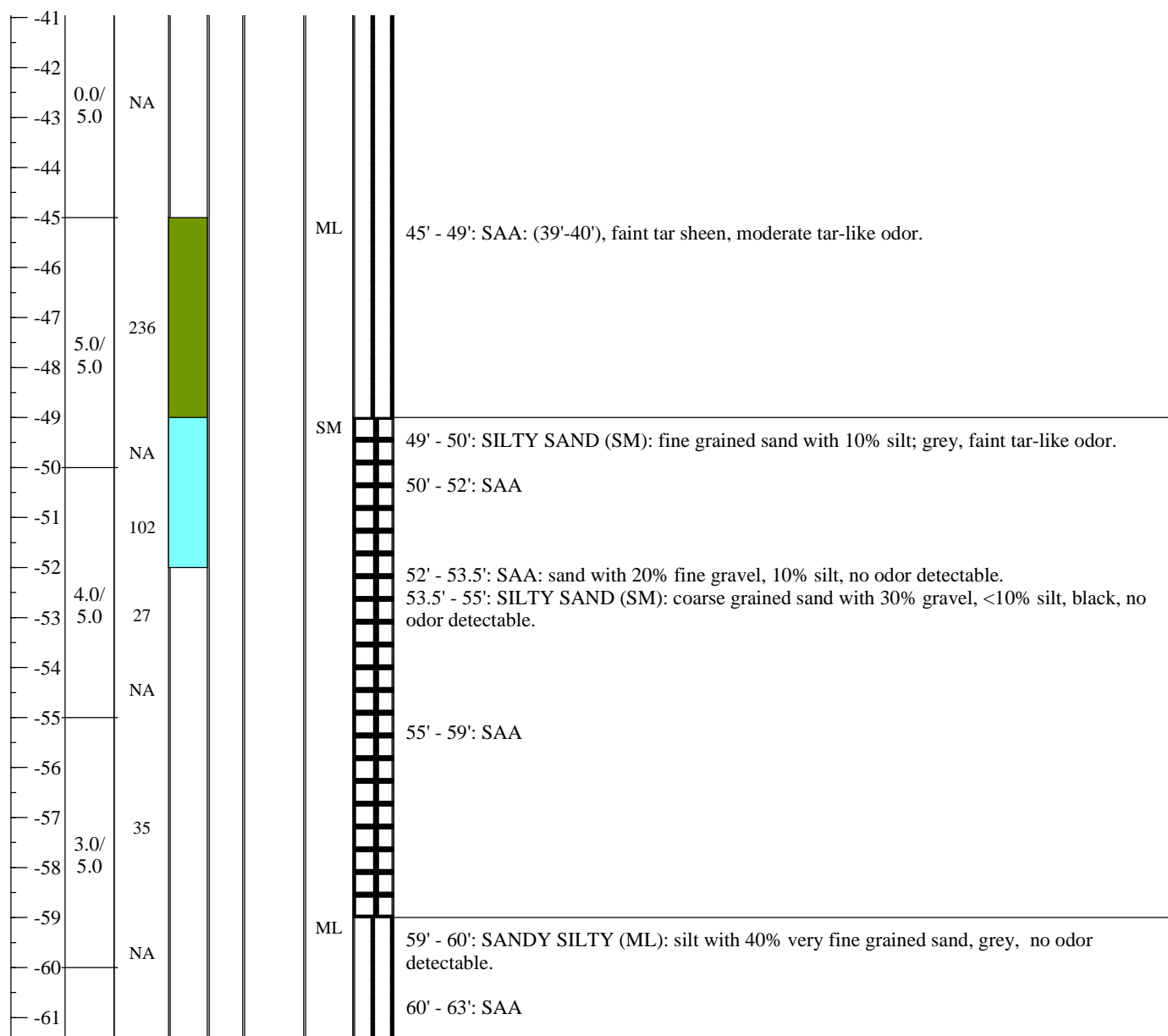
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Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-14-2010
Date Started/Completed: 4-14-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: 3 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 11.46' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-15

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-14-2010

Date Started/Completed: 4-14-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: 3 ft bgs

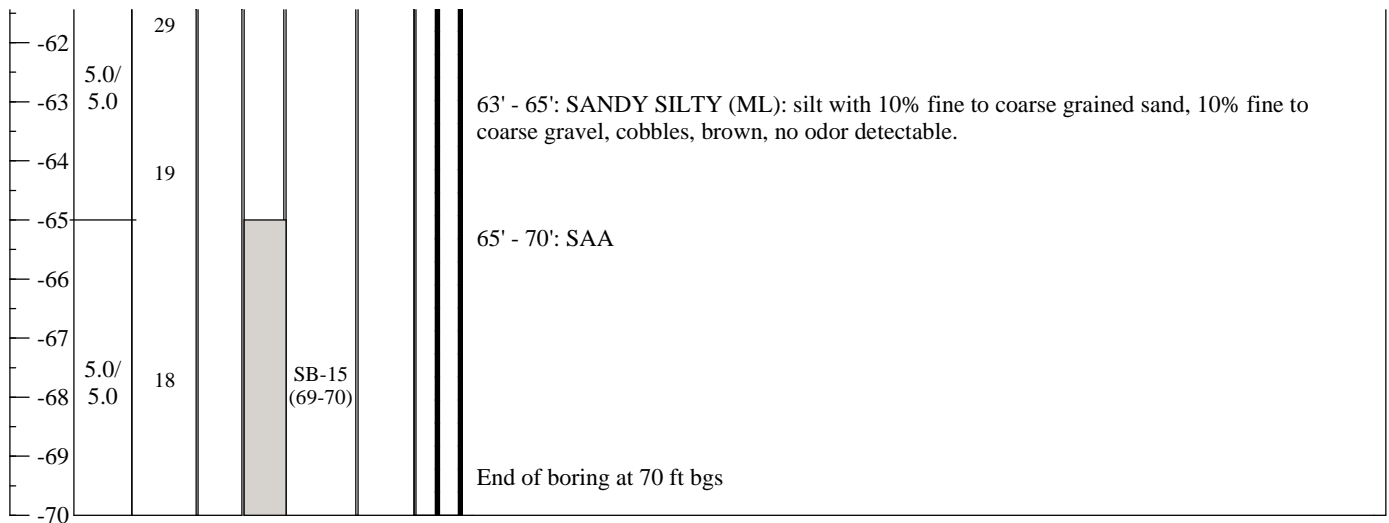
Total Depth: 70 ft bgs

Ground Elevation: 11.46' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-16

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 5-4-2010

Date Started/Completed: 5-5-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~4 ft bgs

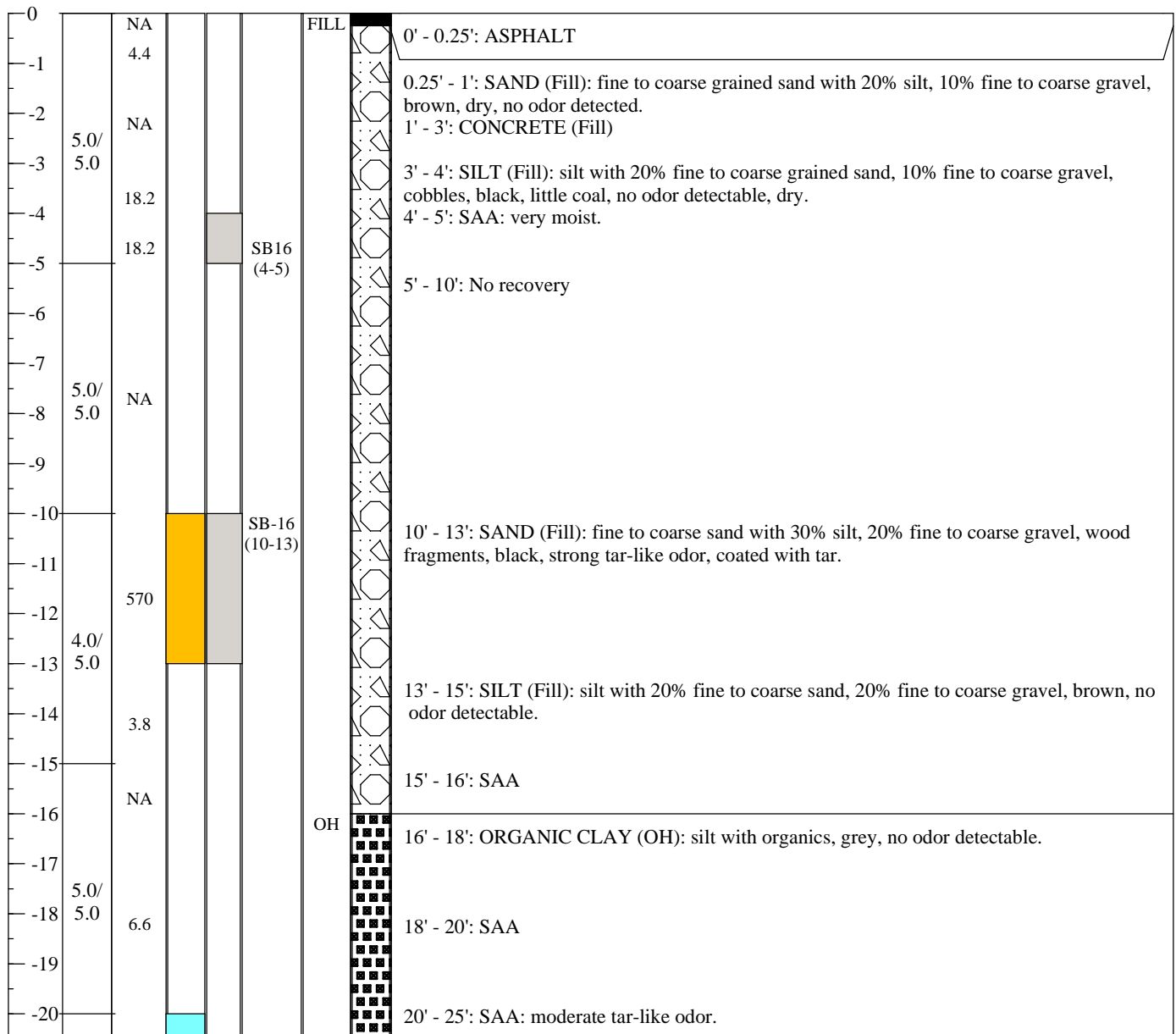
Total Depth: 70 ft bgs

Ground Elevation: 7.58' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-16

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 5-4-2010

Date Started/Completed: 5-5-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~4 ft bgs

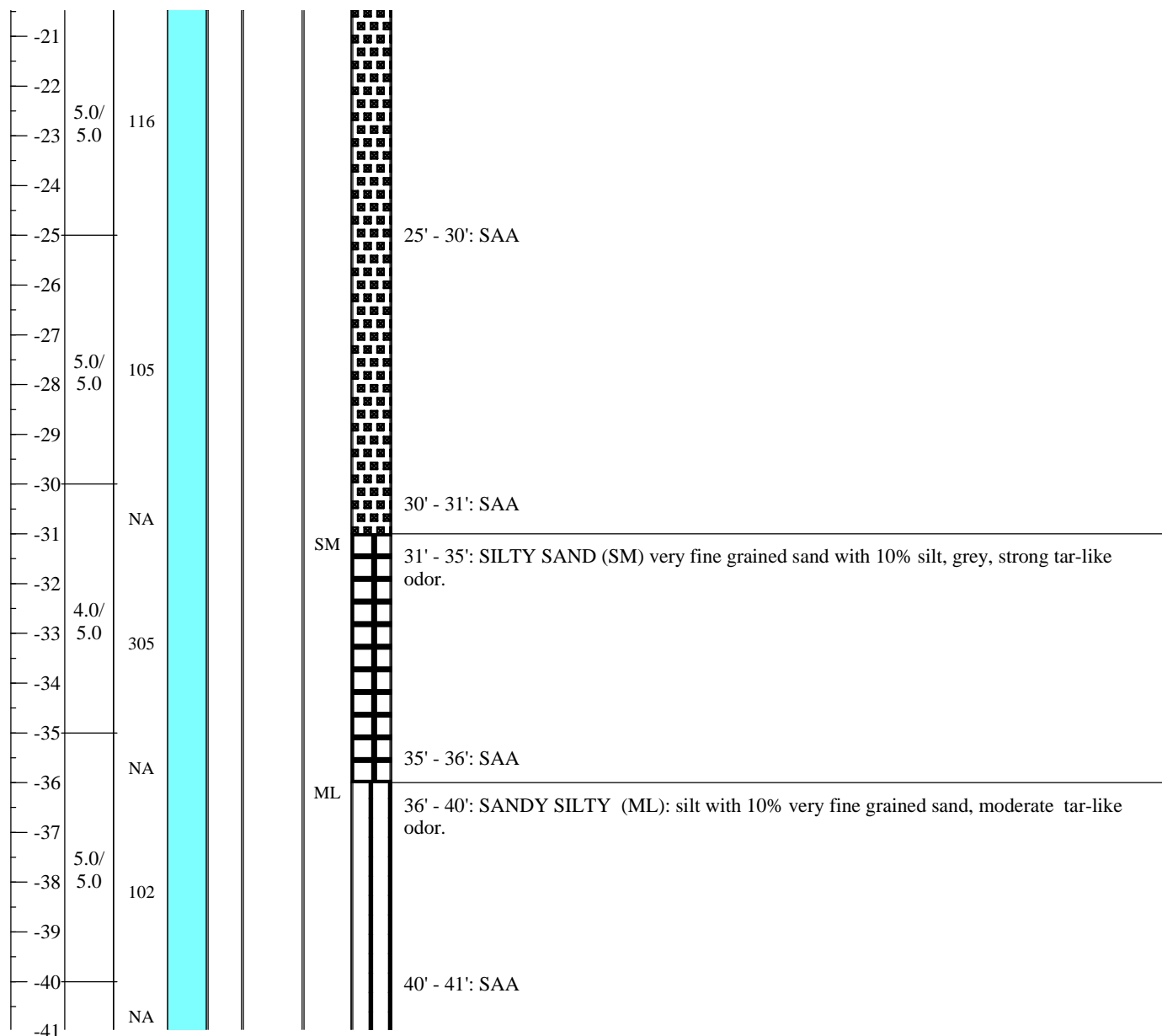
Total Depth: 70 ft bgs

Ground Elevation: 7.58' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
------------	---------------	-----------	---------	------------------	-----------	----------	-----------	----------------------



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-16

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 5-4-2010

Date Started/Completed: 5-5-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~4 ft bgs

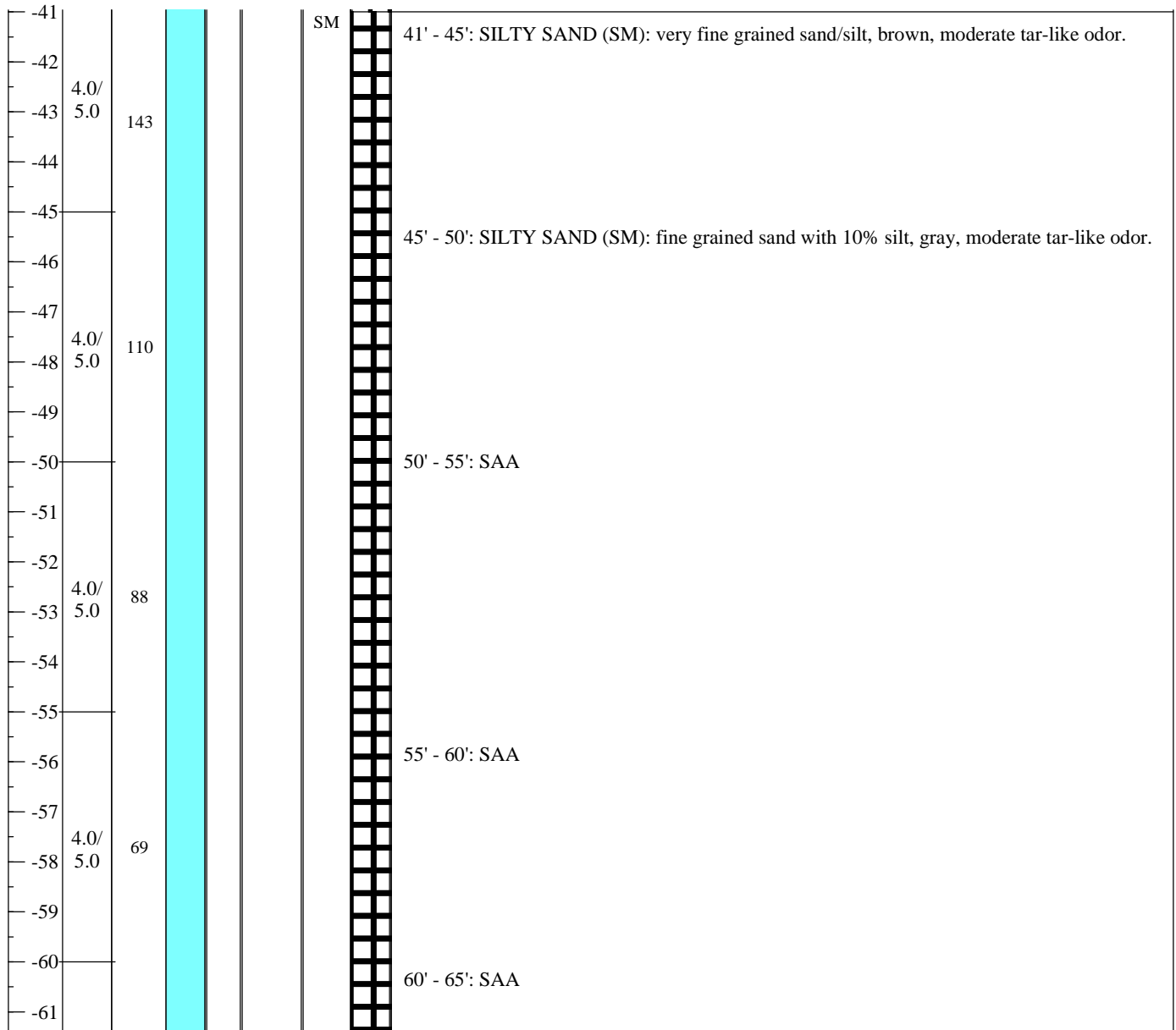
Total Depth: 70 ft bgs

Ground Elevation: 7.58' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
------------	---------------	-----------	---------	------------------	-----------	---------	-----------	----------------------



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-16

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 5-4-2010

Date Started/Completed: 5-5-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~4 ft bgs

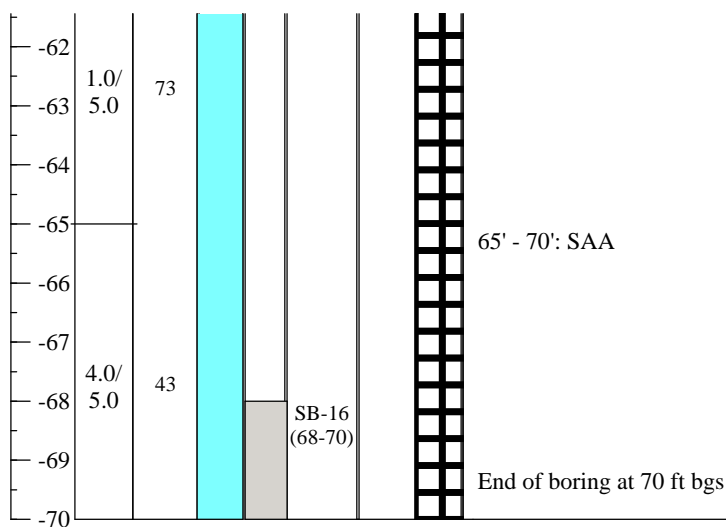
Total Depth: 70 ft bgs

Ground Elevation: 7.58' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
------------	---------------	-----------	---------	------------------	-----------	---------	-----------	----------------------



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB - 17

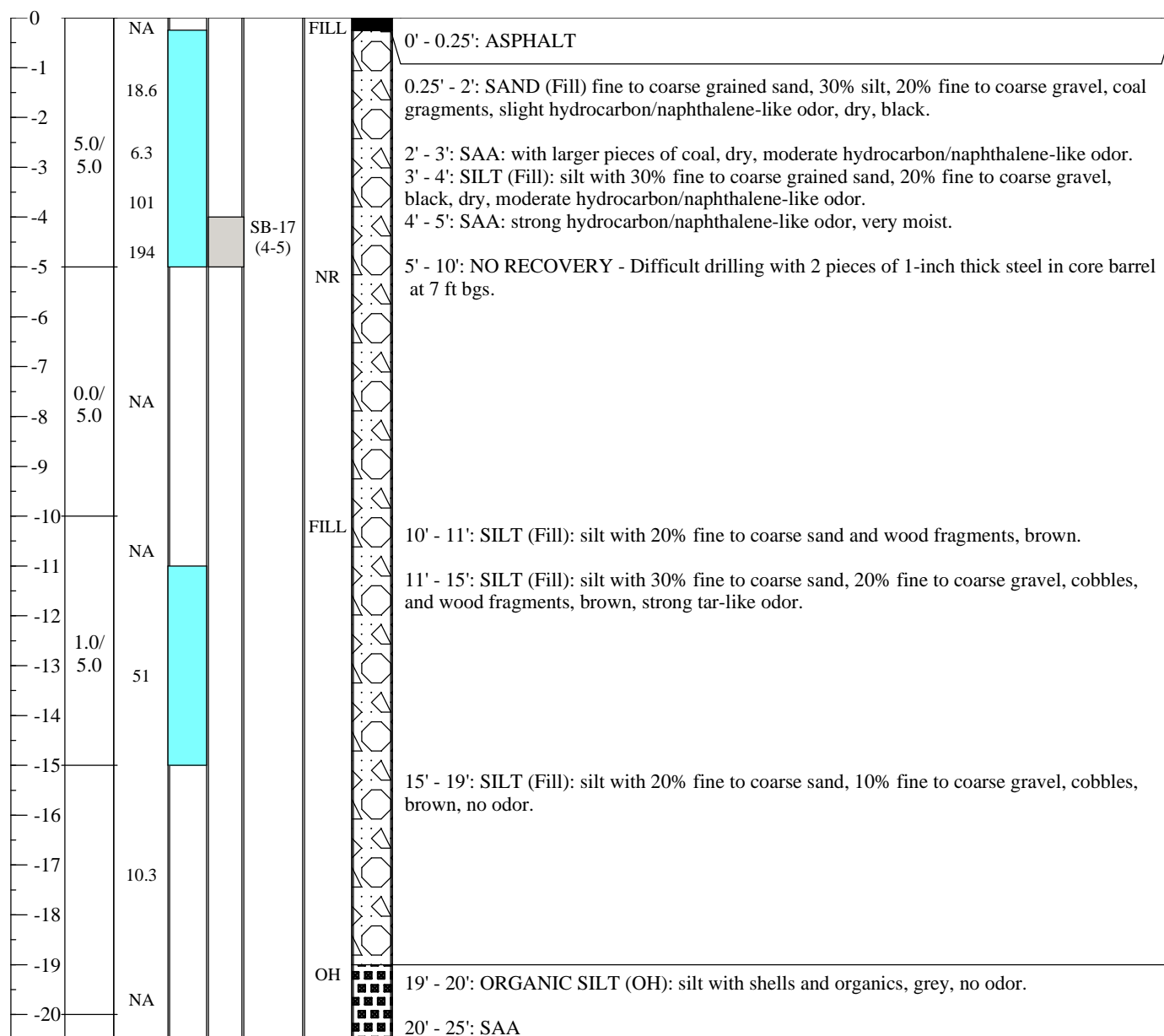
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Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-20-2010
Date Started/Completed: 4-20-2010/4-21-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: ~ 3 ft bgs
Total Depth: 50 ft bgs
Ground Elevation: 7.15 ft
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
------------	---------------	-----------	---------	------------------	-----------	---------	-----------	----------------------



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB - 17

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-20-2010

Date Started/Completed: 4-20-2010/4-21-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~ 3 ft bgs

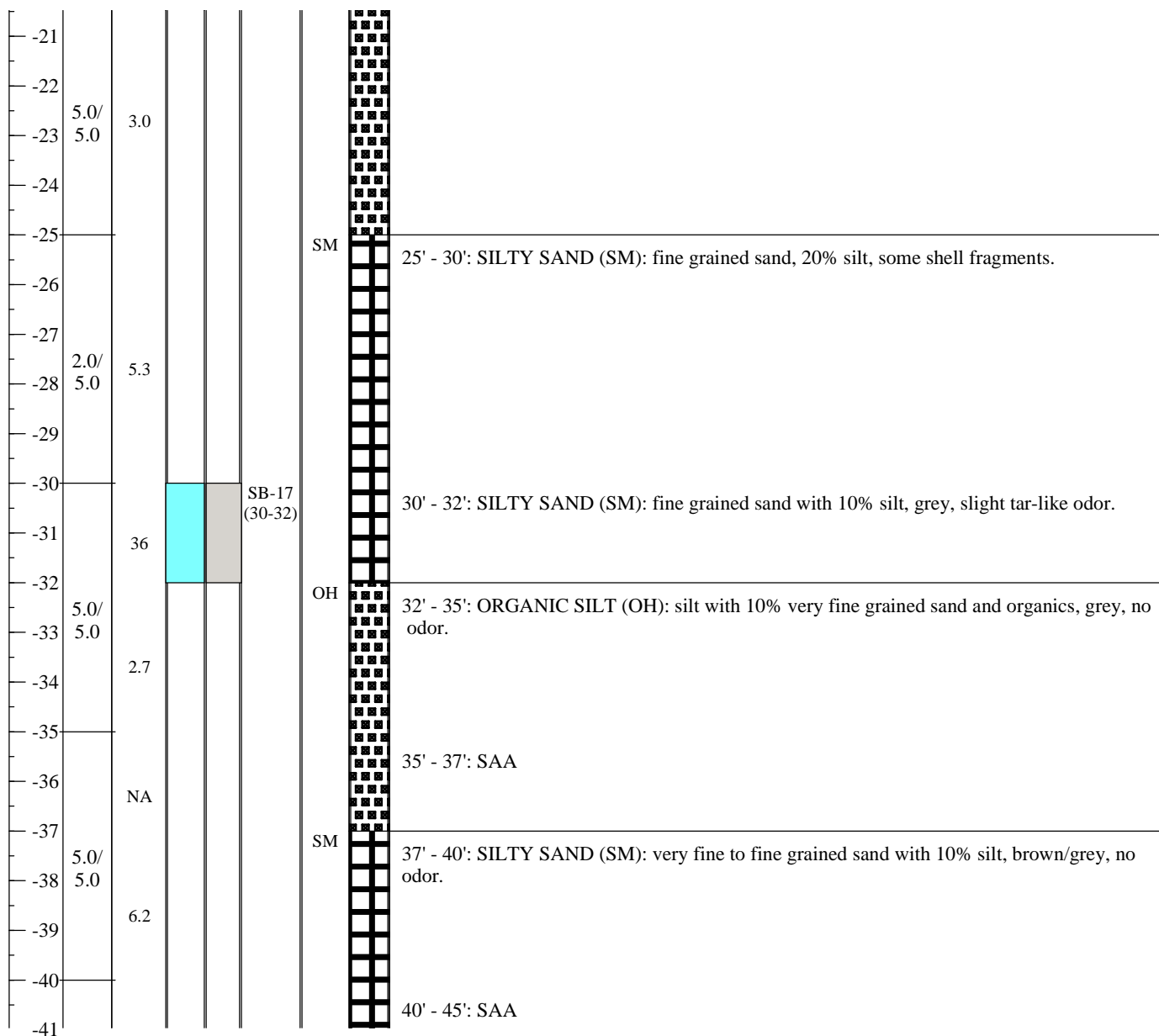
Total Depth: 50 ft bgs

Ground Elevation: 7.15 ft

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB - 17

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-20-2010

Date Started/Completed: 4-20-2010/4-21-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: ~ 3 ft bgs

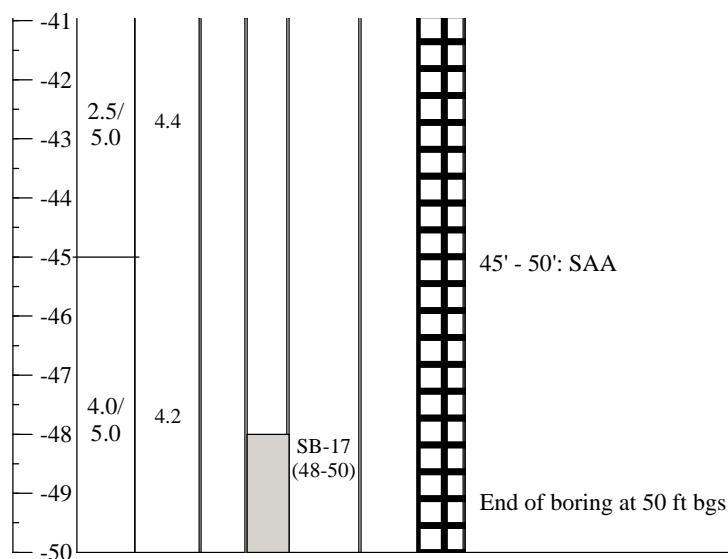
Total Depth: 50 ft bgs

Ground Elevation: 7.15 ft

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-18

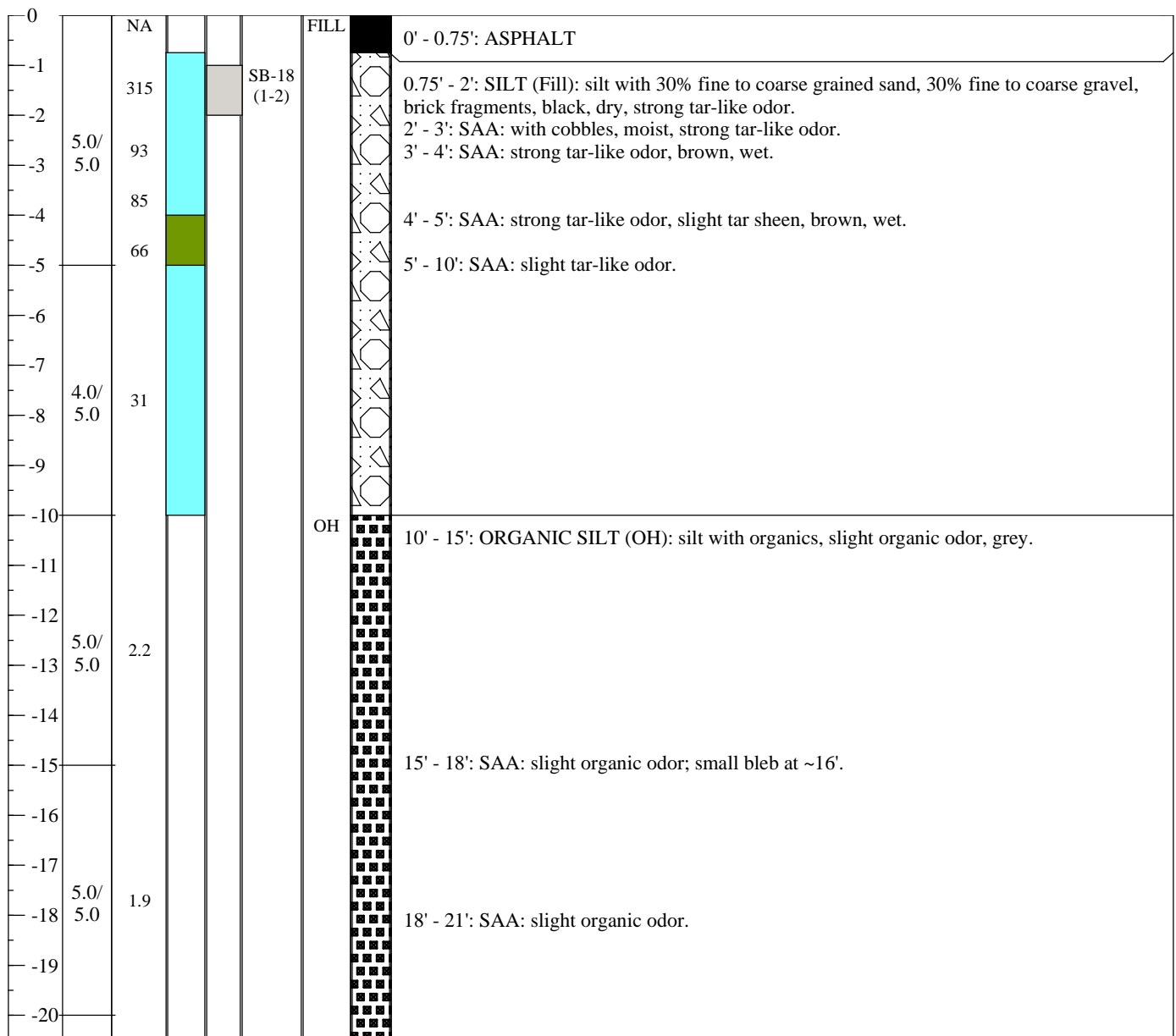
Page 1 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 4-20-2010
Date Started/Completed: 4-20-2010

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Stephen Wright

Water Level: 3 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 7.00' NAVD88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-18

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-20-2010

Date Started/Completed: 4-20-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: 3 ft bgs

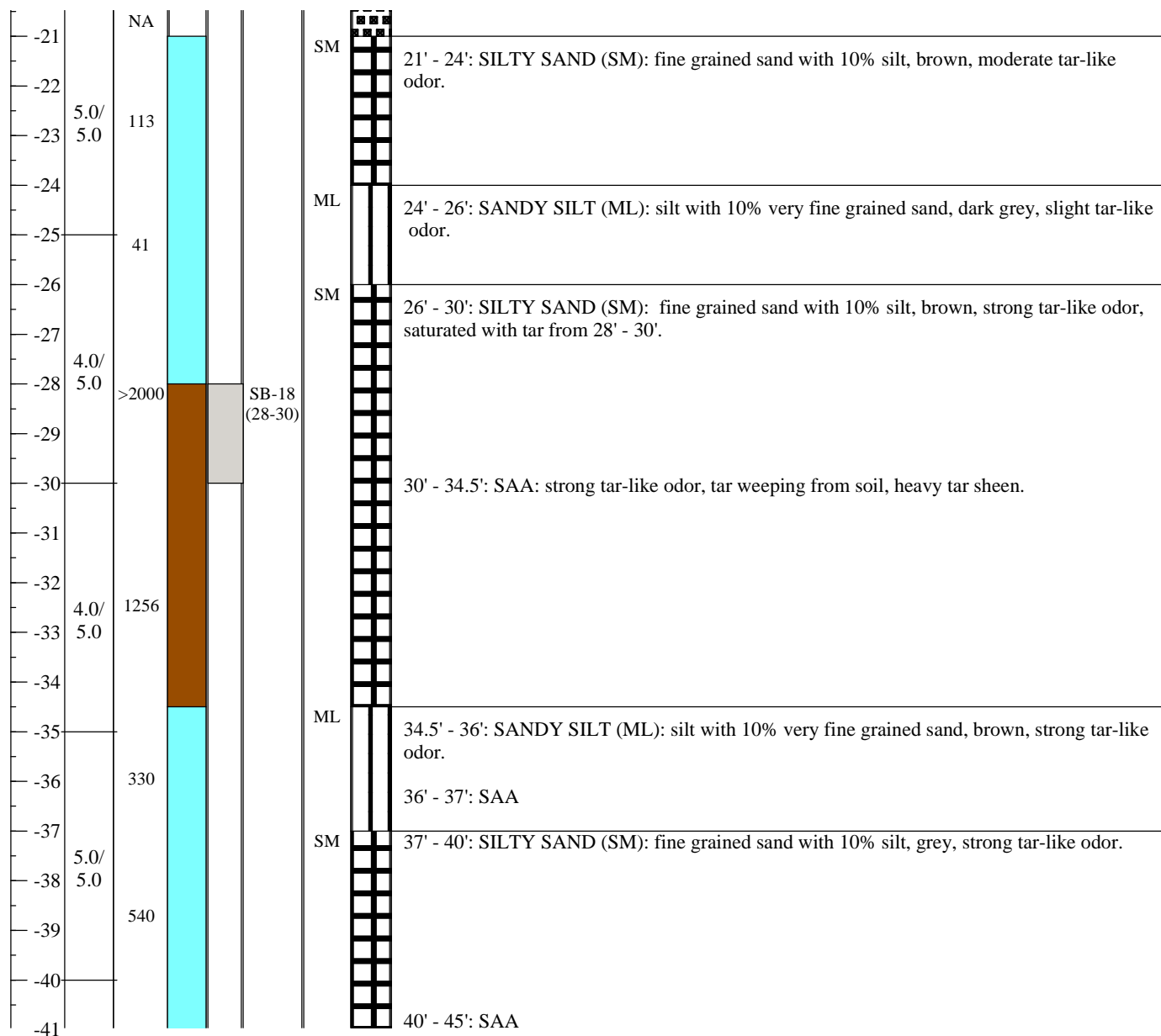
Total Depth: 70 ft bgs

Ground Elevation: 7.00' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
------------	---------------	-----------	---------	------------------	-----------	----------	-----------	----------------------



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-18

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-20-2010

Date Started/Completed: 4-20-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: 3 ft bgs

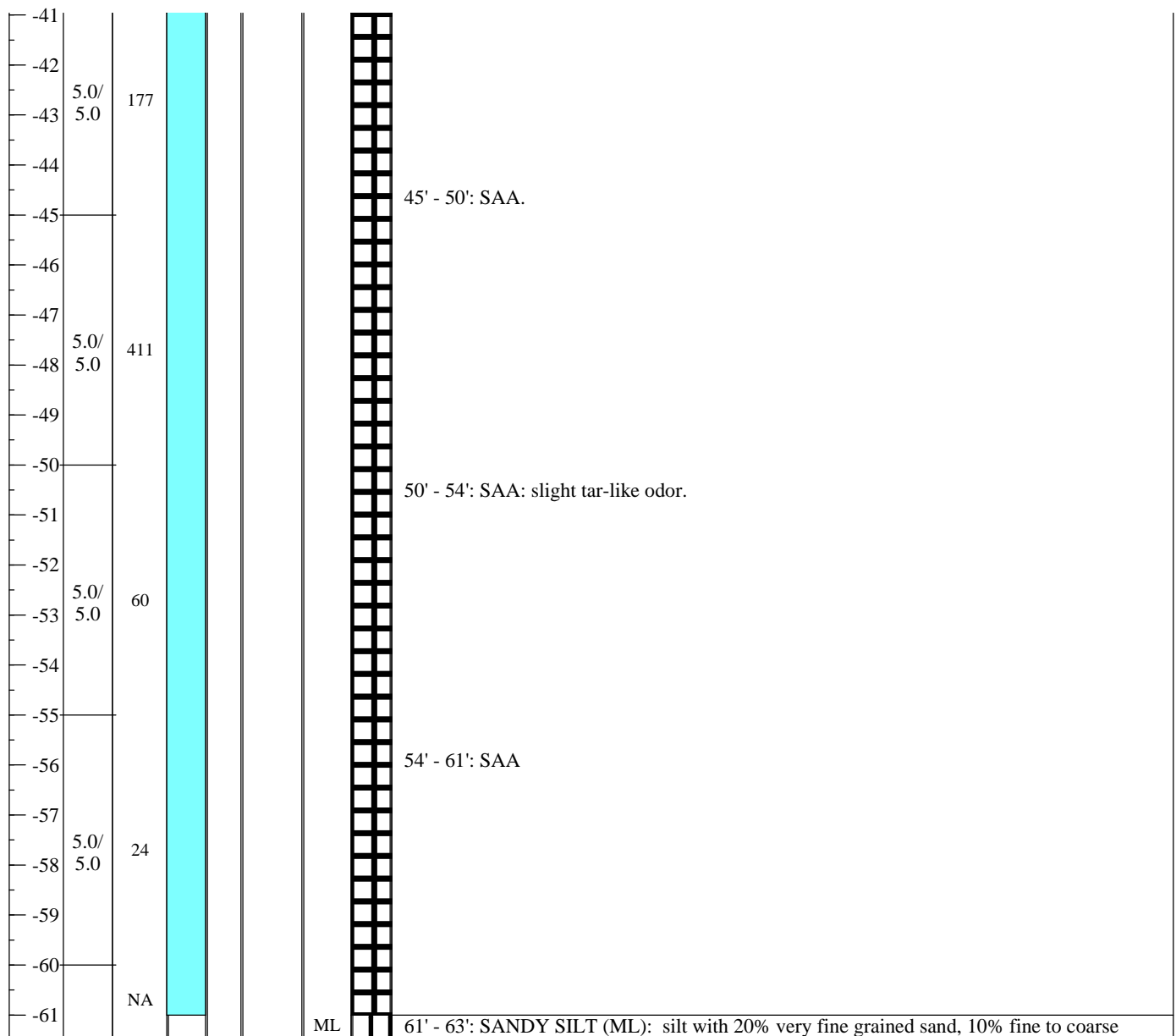
Total Depth: 70 ft bgs

Ground Elevation: 7.00' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
------------	---------------	-----------	---------	------------------	-----------	---------	-----------	----------------------



Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-18

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 4-20-2010

Date Started/Completed: 4-20-2010

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Stephen Wright

Water Level: 3 ft bgs

Total Depth: 70 ft bgs

Ground Elevation: 7.00' NAVD88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
-62	5.0/	1.8						gravel, cobbles, brown, no odor detected.
-63	5.0					SM		
-64		2.1						63' - 65': SILTY SAND (SM): fine grained sand with 10% silt, 10% fine to coarse gravel, reddish brown, no odor detected.
-65								65' - 67': SAA: grey.
-66		1.9						
-67						ML		
-68	5.0/	1.8						67' - 70': SANDY SILT (ML): silt with 20% fine to coarse grained sand, 10% fine to coarse gravel, cobbles, brown, no odor detected.
-69					SB-18 (69-70)			End of boring at 70 ft bgs
-70								

Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) No Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-19/MW-19S/I

Page 1 of 5

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/2/2011

Date Started/Completed: 10/2/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

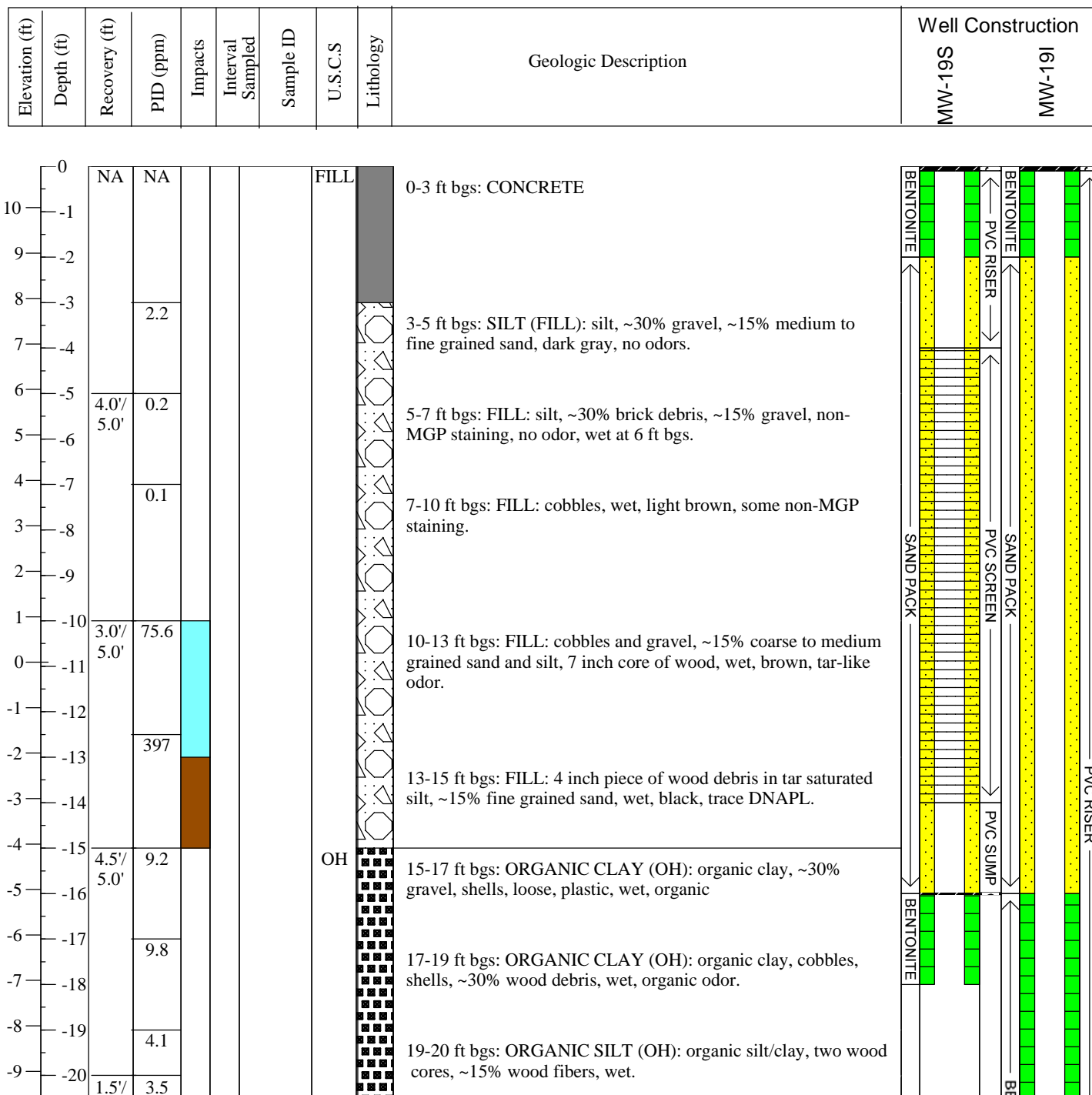
Water Level: ~6.0 ft bgs

Total Depth: 85 ft bgs

Ground Elevation: 10.91 ft NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-19S/I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-19S/19I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-19/MW-19S/I

Page 2 of 5

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/2/2011

Date Started/Completed: 10/2/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~6.0 ft bgs

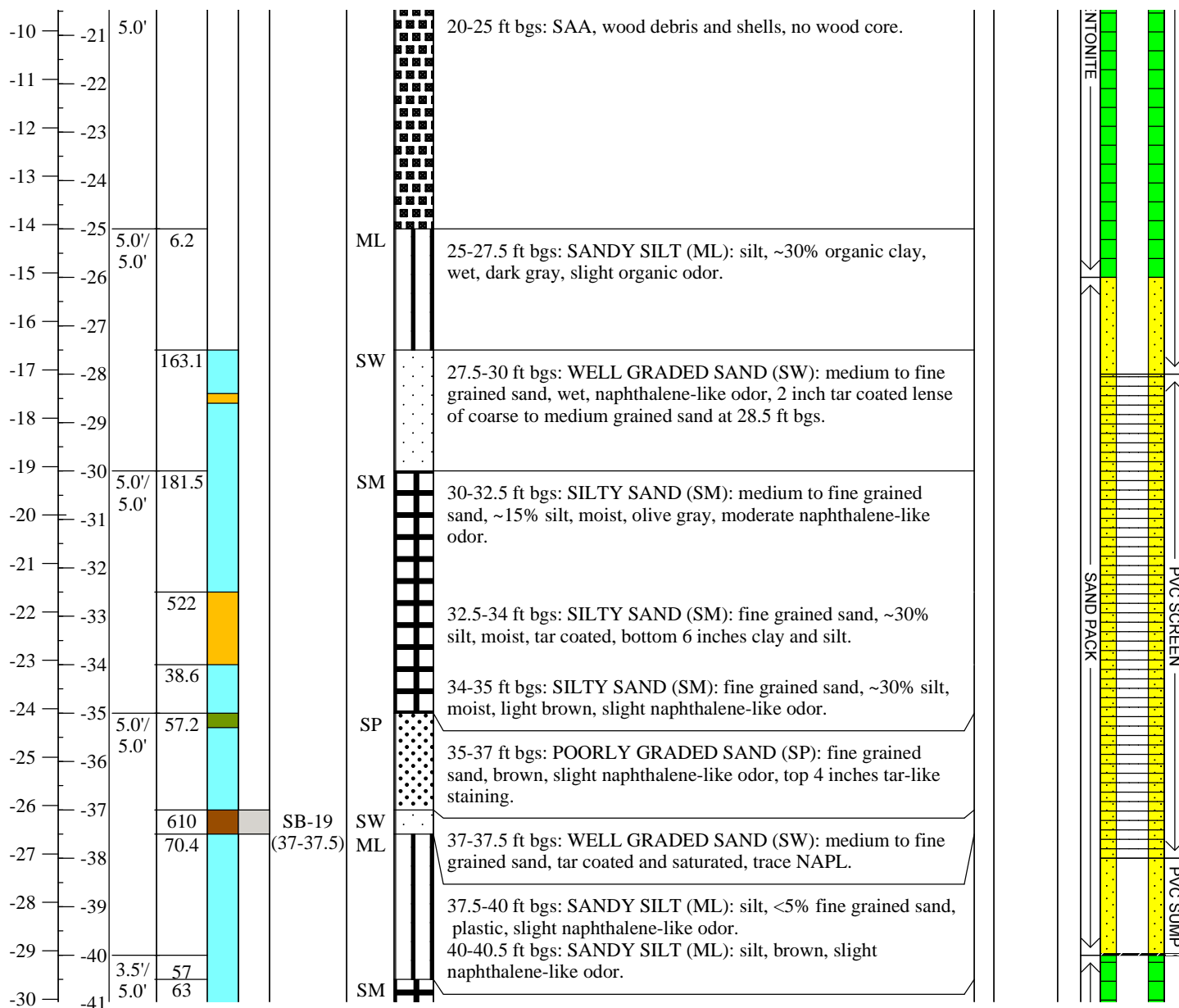
Total Depth: 85 ft bgs

Ground Elevation: 10.91 ft NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-19S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-19S MW-19I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-19S/19I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-19/MW-19S/I

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/2/2011

Date Started/Completed: 10/2/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~6.0 ft bgs

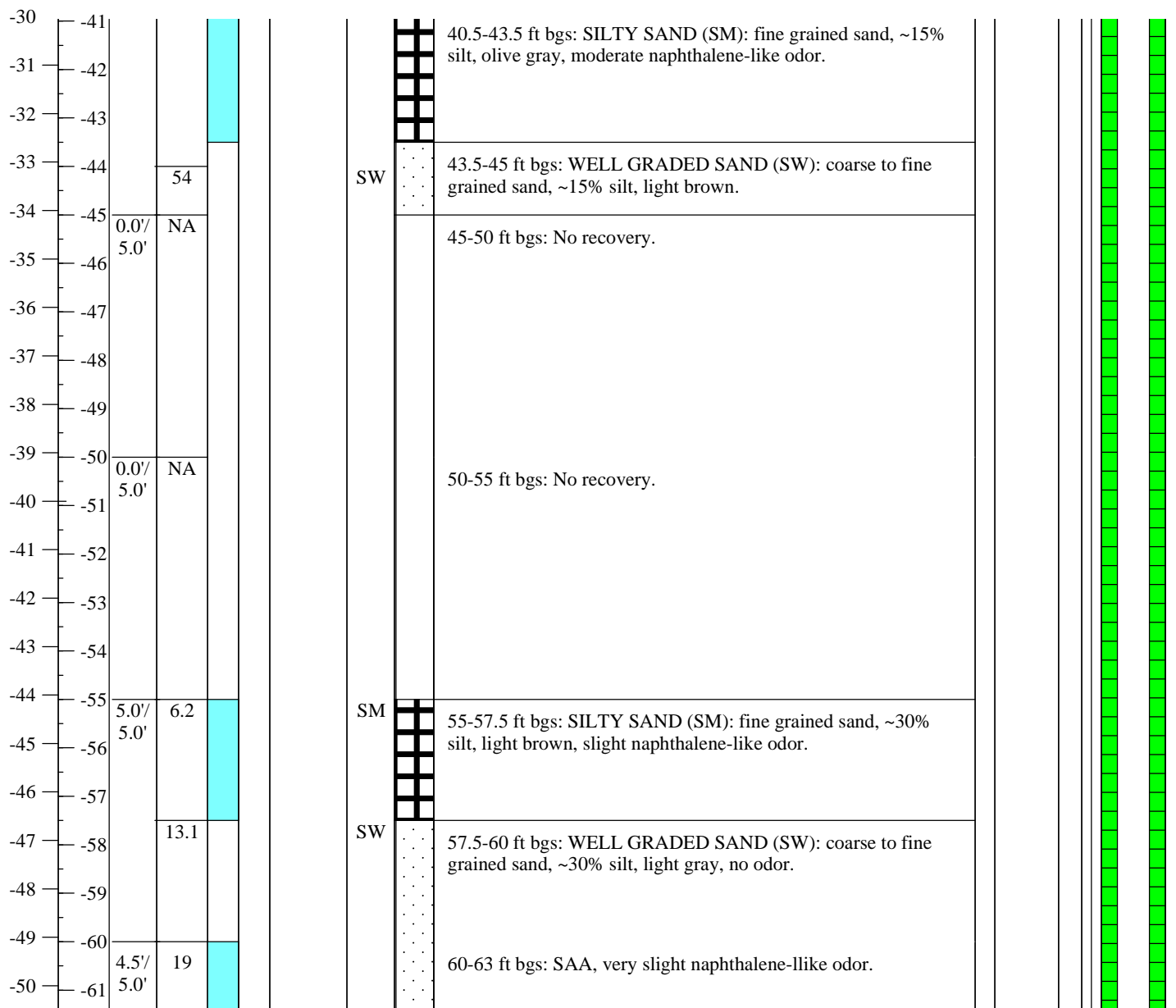
Total Depth: 85 ft bgs

Ground Elevation: 10.91 ft NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-19S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction	
										MW-19S	MW-19I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-19S/19I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-19/MW-19S/I

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/2/2011

Date Started/Completed: 10/2/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~6.0 ft bgs

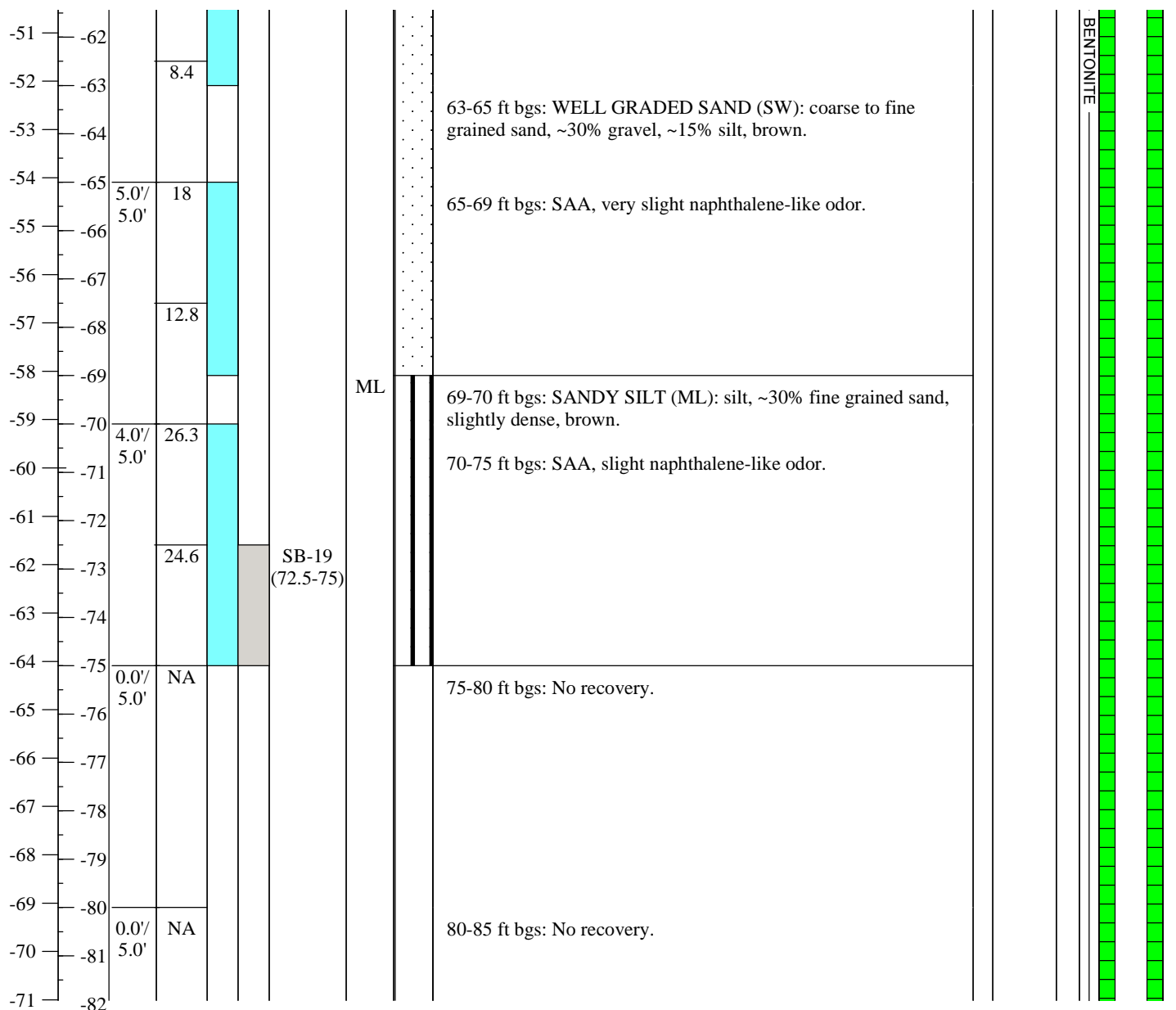
Total Depth: 85 ft bgs

Ground Elevation: 10.91 ft NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-19S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-19S MW-19I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-19S/19I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-19/MW-19S/I

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/2/2011

Date Started/Completed: 10/2/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~6.0 ft bgs

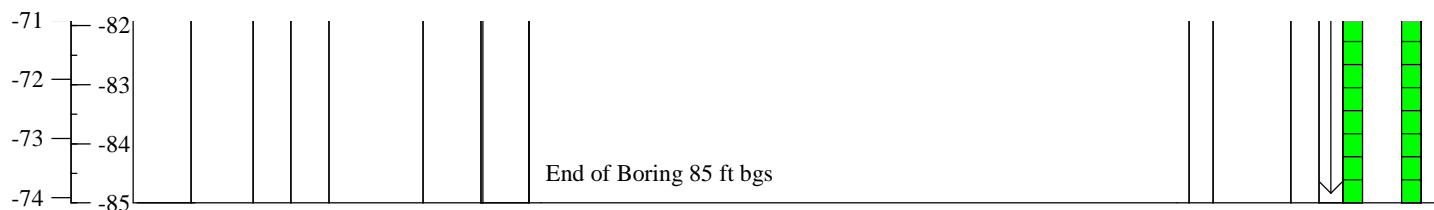
Total Depth: 85 ft bgs

Ground Elevation: 10.91 ft NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-19S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction	
										MW-19S	MW-19I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-19S/19I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-20/MW-20I/S

Page 1 of 5

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/16/2011

Date Started/Completed: 10/16/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

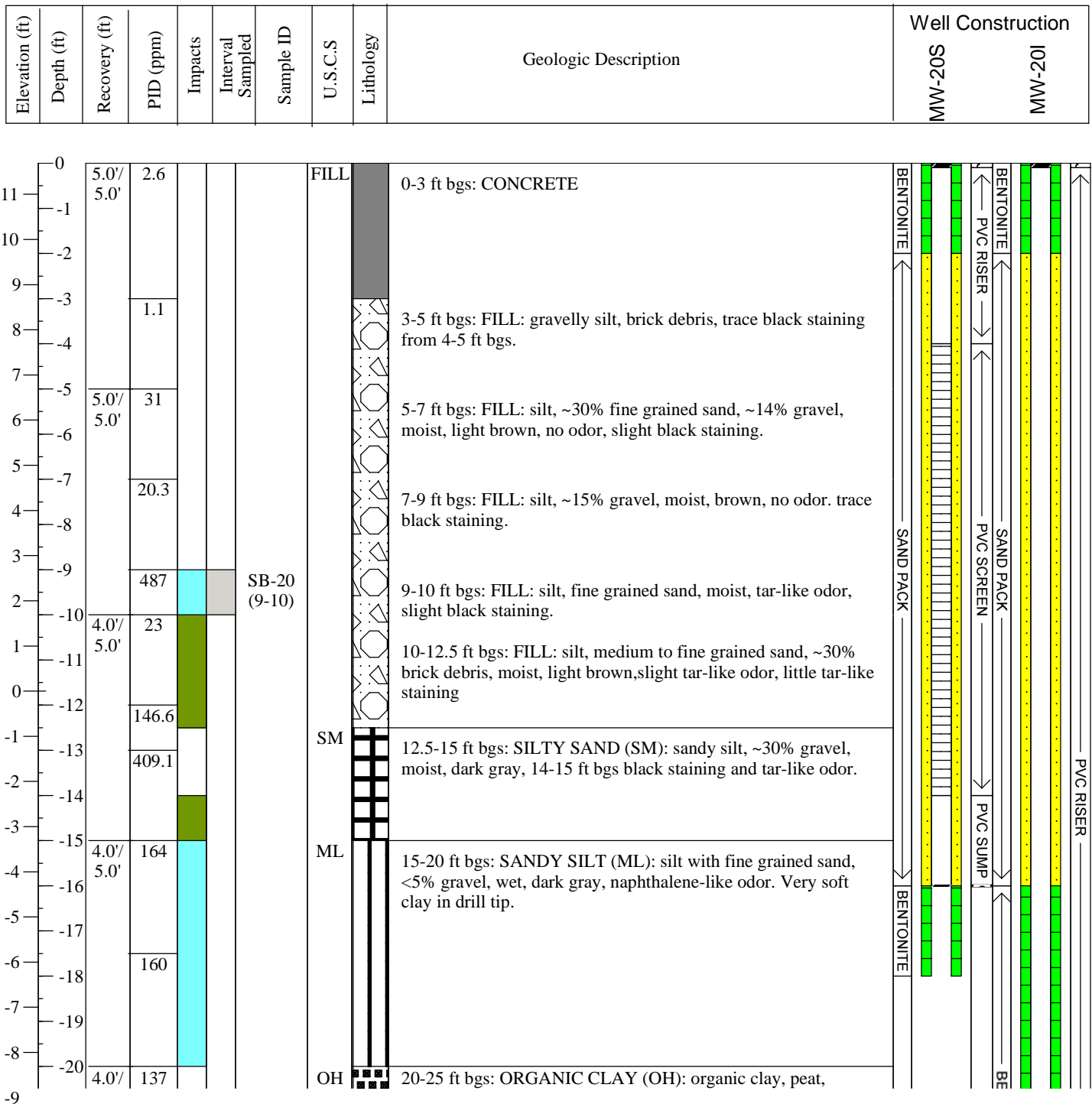
Water Level: ~15 ft bgs

Total Depth: 85 ft bgs

Ground Elevation: 11.69 ft NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-20 S/I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-20S/21I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-20/MW-20I/S

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/16/2011

Date Started/Completed: 10/16/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~15 ft bgs

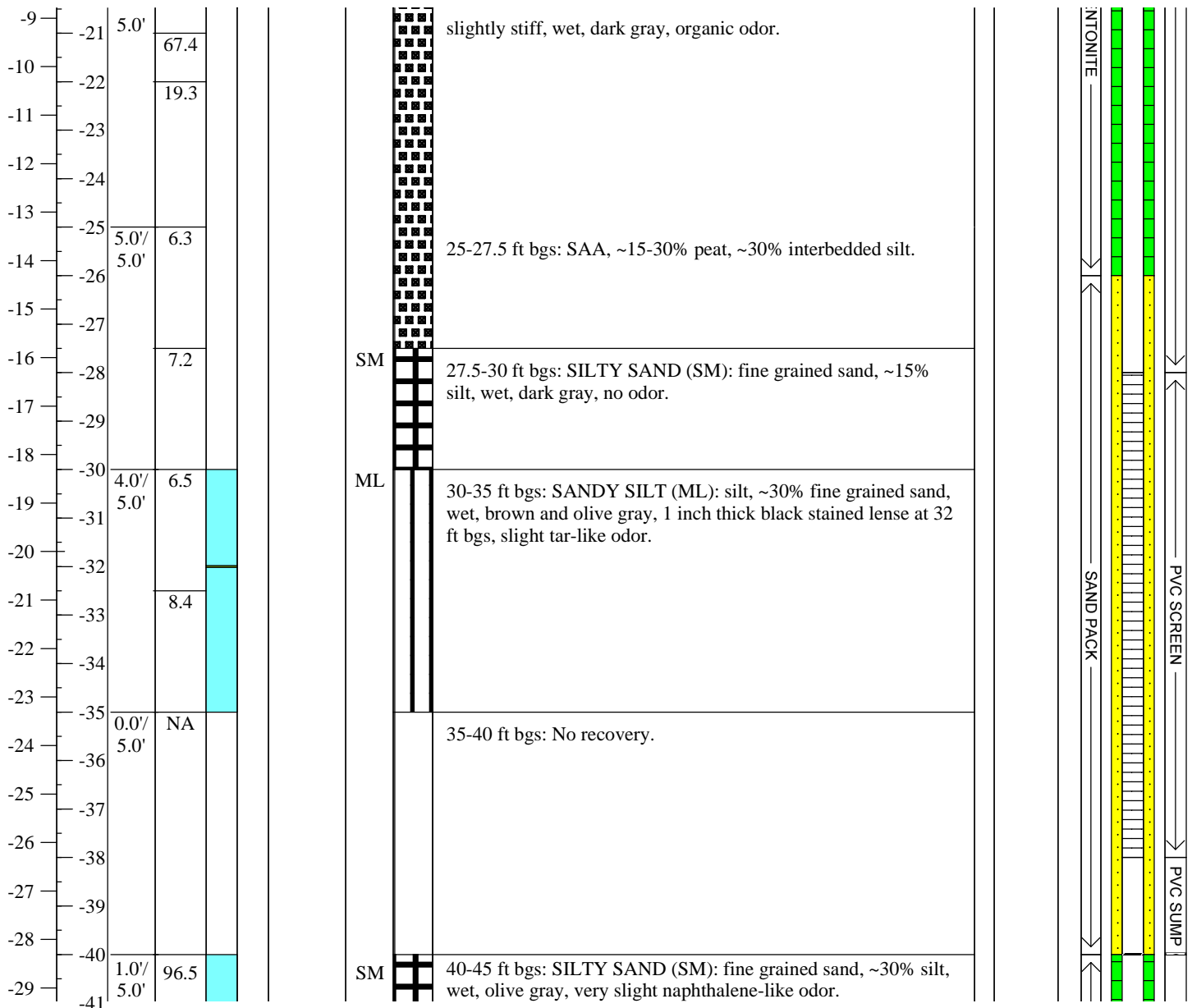
Total Depth: 85 ft bgs

Ground Elevation: 11.69 ft NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-20 S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-20S MW-20I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-20S/211
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-20/MW-20I/S

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/16/2011

Date Started/Completed: 10/16/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~15 ft bgs

Total Depth: 85 ft bgs

Ground Elevation: 11.69 ft NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-20 S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-20S MW-20I
-41										
-30										
-42										
-31										
-43										
-32										
-44										
-33										
-45	5.0'/		60						45-50 ft bgs: SAA, brown interbedded silt, coarse to fine grained sand from 48-50 ft bgs, naphthalene-like odor.	
-34	5.0'									
-46										
-35										
-47										
-36			66.9							
-48										
-37										
-49										
-38										
-50	4.5'/		32.2						50-55 ft bgs: SILTY SAND (SM): fine grained sand, ~30% silt, wet, olive gray/brown, moderate naphthalene-like odor.	
-39	5.0'									
-51										
-40										
-52										
-41			62							
-53										
-42										
-54										
-43										
-55	3.0'/		71.3						55-57.5 ft bgs: SAA, medium to fine grained sand, <5% gravel.	
-44	5.0'									
-56										
-45										
-57										
-46			38.5					SW	57.5-60 ft bgs: WELL GRADED SAND (SW): coarse to fine grained sand, wet, olive gray/brown, naphthalene-like odor, silt lense from 59.67-60 ft bgs.	
-58										
-47										
-59										
-48										
-60										
-49	2.0'/		6.5						60-65 ft bgs: WELL GRADED SAND (SW): medium to fine grained sand, ~15% coarse grained sand, ~15% silt, wet, brown, no odor.	
-61	5.0'									

Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-20S/21I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-20/MW-20I/S

Page 4 of 5

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/16/2011

Date Started/Completed: 10/16/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~15 ft bgs

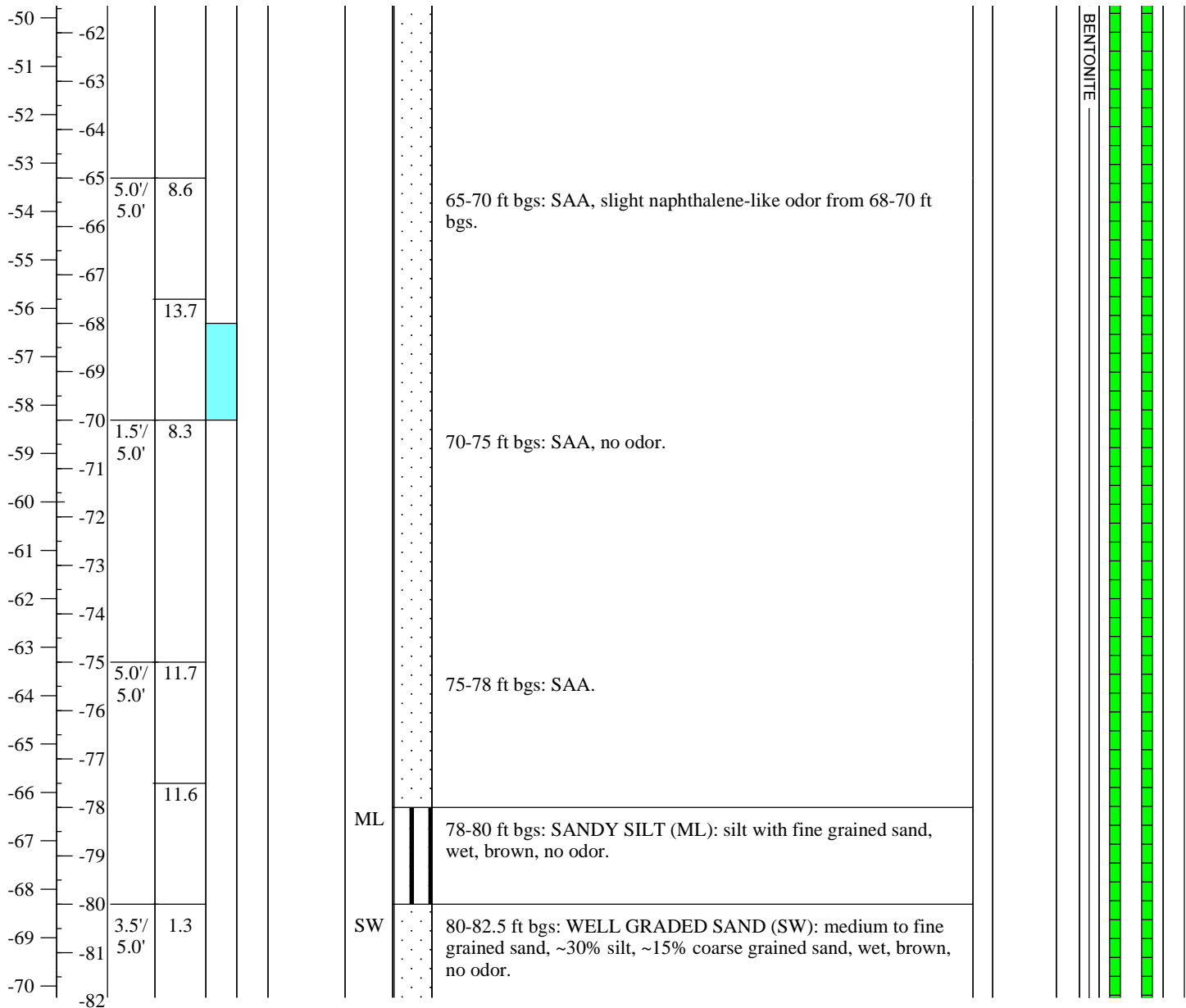
Total Depth: 85 ft bgs

Ground Elevation: 11.69 ft NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-20 S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-20S MW-20I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-20S/211
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-20/MW-20I/S

Page 5 of 5

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/16/2011

Date Started/Completed: 10/16/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~15 ft bgs

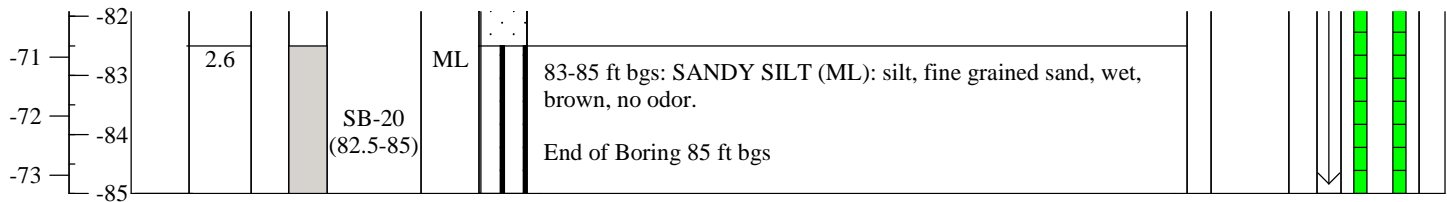
Total Depth: 85 ft bgs

Ground Elevation: 11.69 ft NAVD88

Converted To Well (Y/N): Yes

Well ID: MW-20 S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction	
										MW-20S	MW-20I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-20S/21I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-21/MW-21D

Page 1 of 5

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/12/2011

Date Started/Completed: 10/18/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~4 ft bgs

Total Depth: 90 ft bgs

Ground Elevation: 10.07

Converted To Well (Y/N): YES

Well ID: MW-21D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
10	0	NA	NA					FILL	0-5 ft bgs: ASPHALT, FILL: silty gravel with concrete and brick debris, ~15% coarse to medium grained sand, moist at 3 ft bgs, wet at 4 ft bgs, brown.	CONCRETE
9	-1							OH	5-10 ft bgs: ORGANIC SILT (OH): silt, medium to fine grained sand, <5% wood debris, <5% gravel, soft, plastic, moist, organic odor.	
8	-2									
7	-3									
6	-4									
5	-5	1.0'/5.0'	3.8							
4	-6									
3	-7									
2	-8									
1	-9									
0	-10	1.0'/5.0'	3.9						10-14 ft bgs: SAA, ~30% peat in bottom of tip, trace black staining, organic odor.	
-1	-11									
-2	-12									
-3	-13									
-4	-14							PT	14-20 ft bgs: FIBROUS AND FRIABLE PEAT (PT): organic clay, ~30% peat, ~30% silt and medium to fine grained sand, ~15% gravel, <5% wood debris, little black staining, organic odor.	
-5	-15	3.0'/5.0'	5.7							
-6	-16									
-7	-17									
-8	-18		5.2							
-9	-19									
-10	-20	5.0'/7.0'	7.0						20-22 ft bgs: SAA, ~30% wire debris, <5% cobbles, <5% peat, organic odor.	

Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-21D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-21/MW-21D

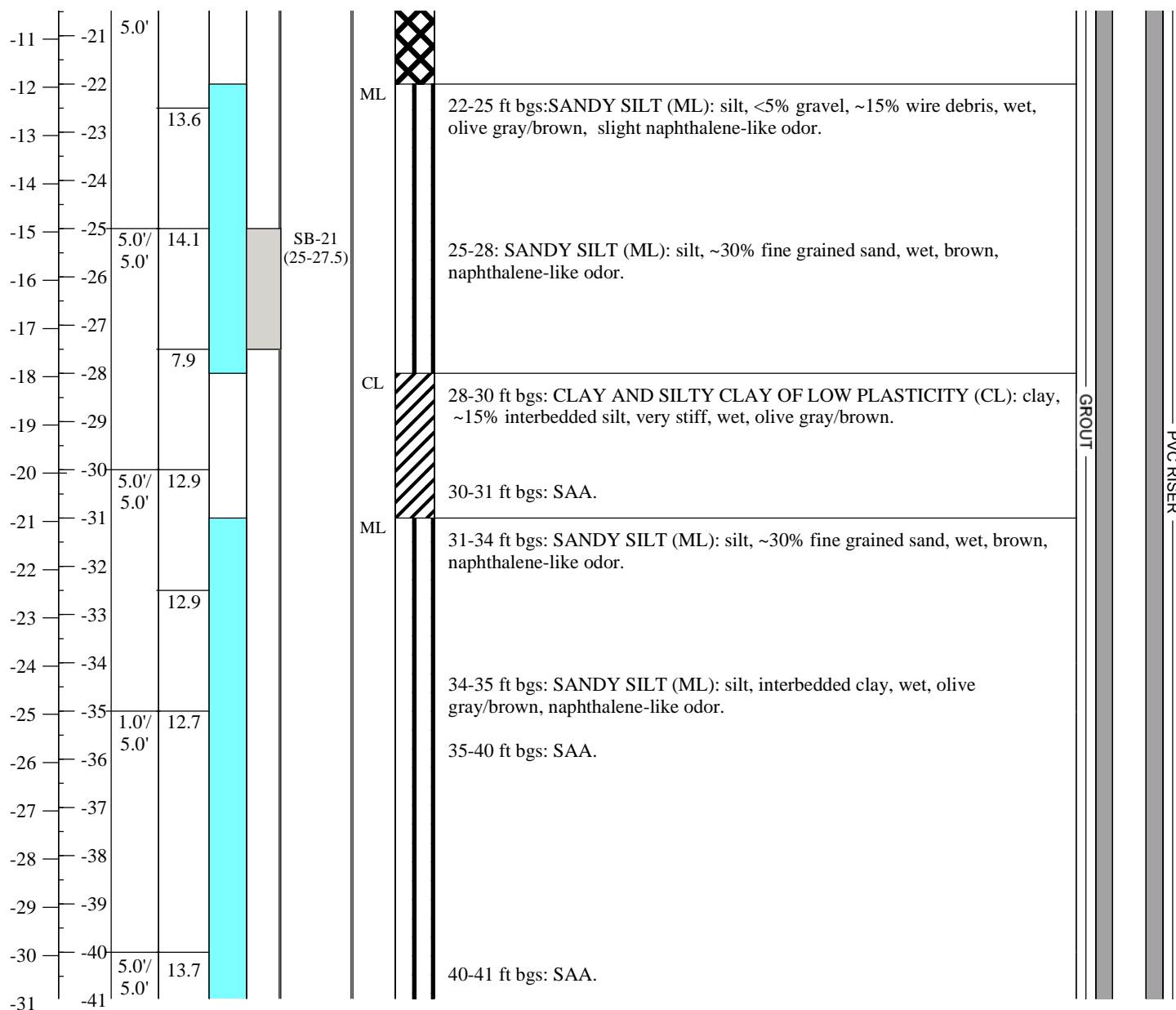
Page 2 of 5

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 10/12/2011
Date Started/Completed: 10/18/2011

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Luis Ferreira

Water Level: ~4 ft bgs
Total Depth: 90 ft bgs
Ground Elevation: 10.07
Converted To Well (Y/N): YES
Well ID: MW-21D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-21D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-21/MW-21D

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/12/2011

Date Started/Completed: 10/18/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~4 ft bgs

Total Depth: 90 ft bgs

Ground Elevation: 10.07

Converted To Well (Y/N): YES

Well ID: MW-21D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
-31	-41								41-43.5 ft bgs: SANDY SILT (ML): silt, medium to fine grained sand, wet, brown and olive gray, naphthalene-like odor.	
-32	-42		4.2							
-33	-43								43.5-45 ft bgs: SANDY SILT (ML): silt, <5% fine grained sand, wet, olive gray, no odor.	
-34	-44								45-50 ft bgs: SAA.	
-35	-45	1.0'/5.0'	6.2							
-36	-46									
-37	-47									
-38	-48									
-39	-49									
-40	-50	5.0'/5.0'	5.9						50-51 ft bgs: SAA.	
-41	-51		5.0				SW		51-55 f bgs: WELL GRADED SAND (SW): coarse to fine grained sand, ~15% gravel, ~15% silt, wet, light brown.	
-42	-52									
-43	-53		6.1							
-44	-54									
-45	-55	1.0'/5.0'	3.7				ML		55-60 ft bgs: SANDY SILT (ML): silt, ~15% fine grained sand, wet, light brown, no odor.	
-46	-56									
-47	-57									
-48	-58									
-49	-59									
-50	-60	5.0'/5.0'	4.7						60-64 ft bgs: SAA, no odor.	
-51	-61									

Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-21D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-21/MW-21D

Page 4 of 5

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/12/2011

Date Started/Completed: 10/18/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~4 ft bgs

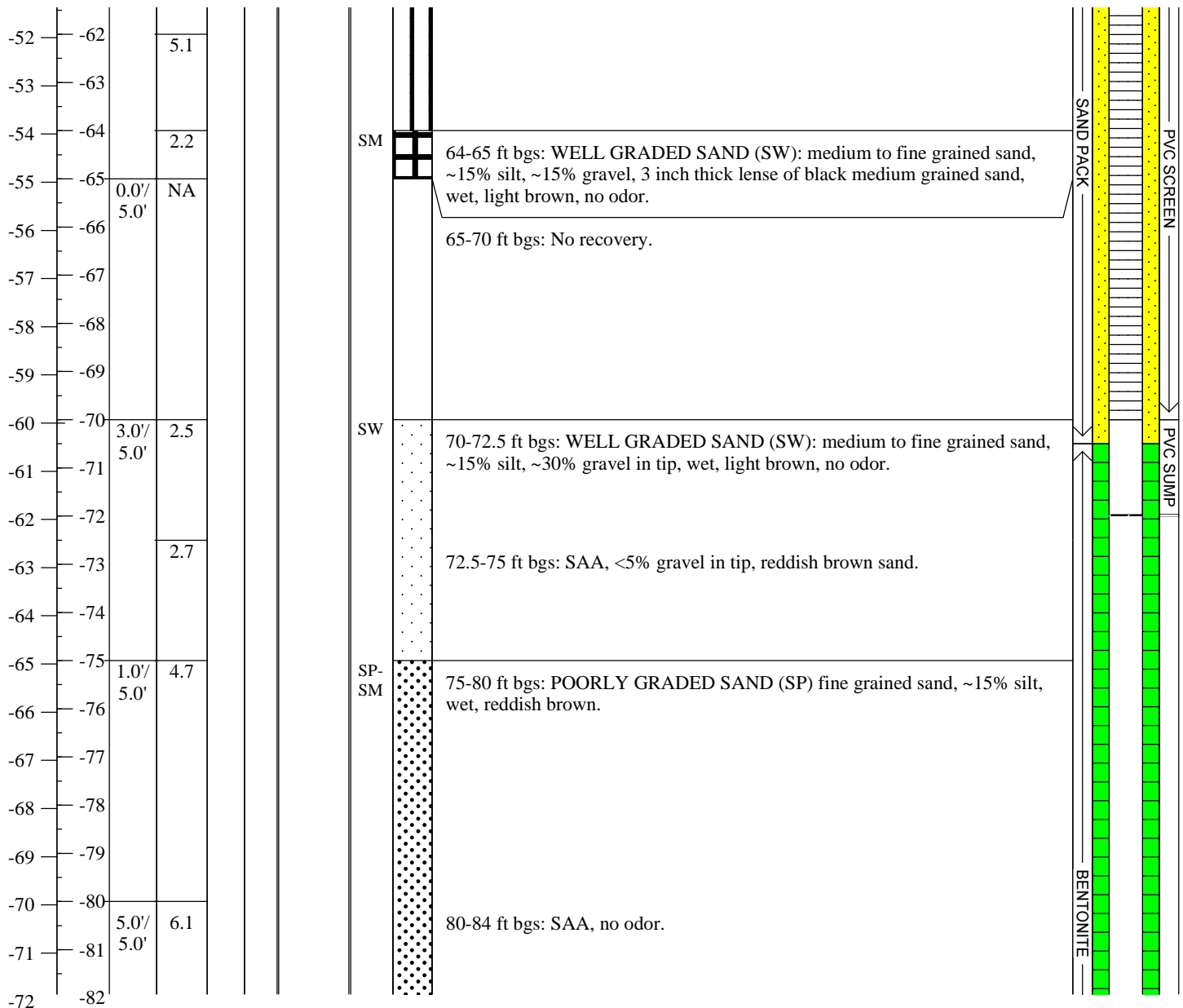
Total Depth: 90 ft bgs

Ground Elevation: 10.07

Converted To Well (Y/N): YES

Well ID: MW-21D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-21D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-21/MW-21D

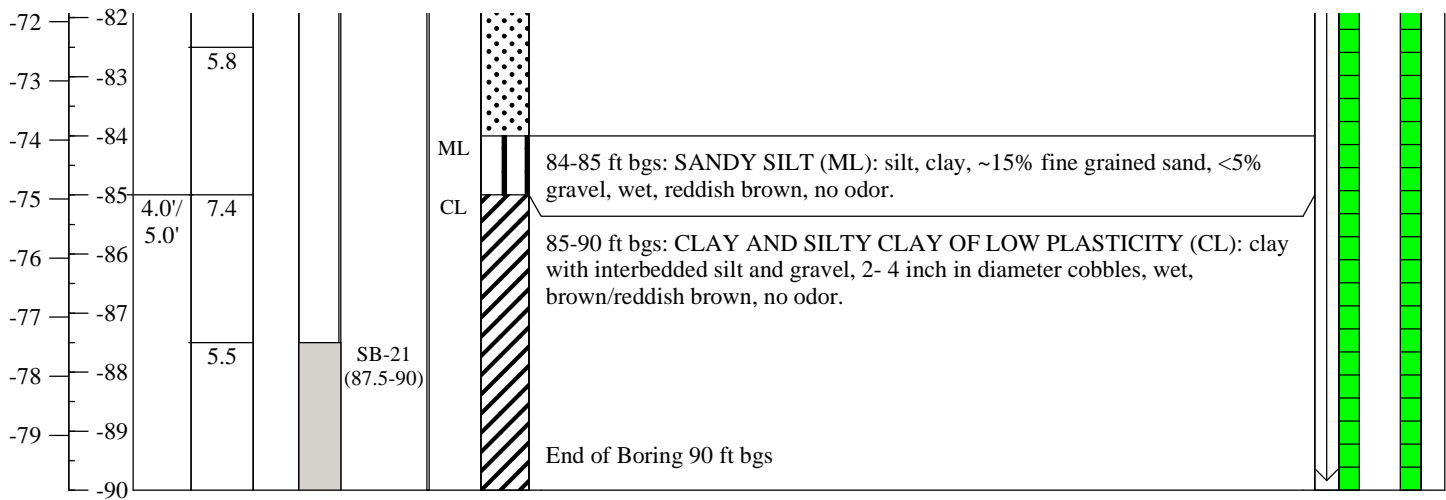
Page 5 of 5

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 10/12/2011
Date Started/Completed: 10/18/2011

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Luis Ferreira

Water Level: ~4 ft bgs
Total Depth: 90 ft bgs
Ground Elevation: 10.07
Converted To Well (Y/N): YES
Well ID: MW-21D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-21D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-22/MW-22 I/D

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/5/2011

Date Started/Completed: 10/5/2011-10/6/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~3.5 ft bgs

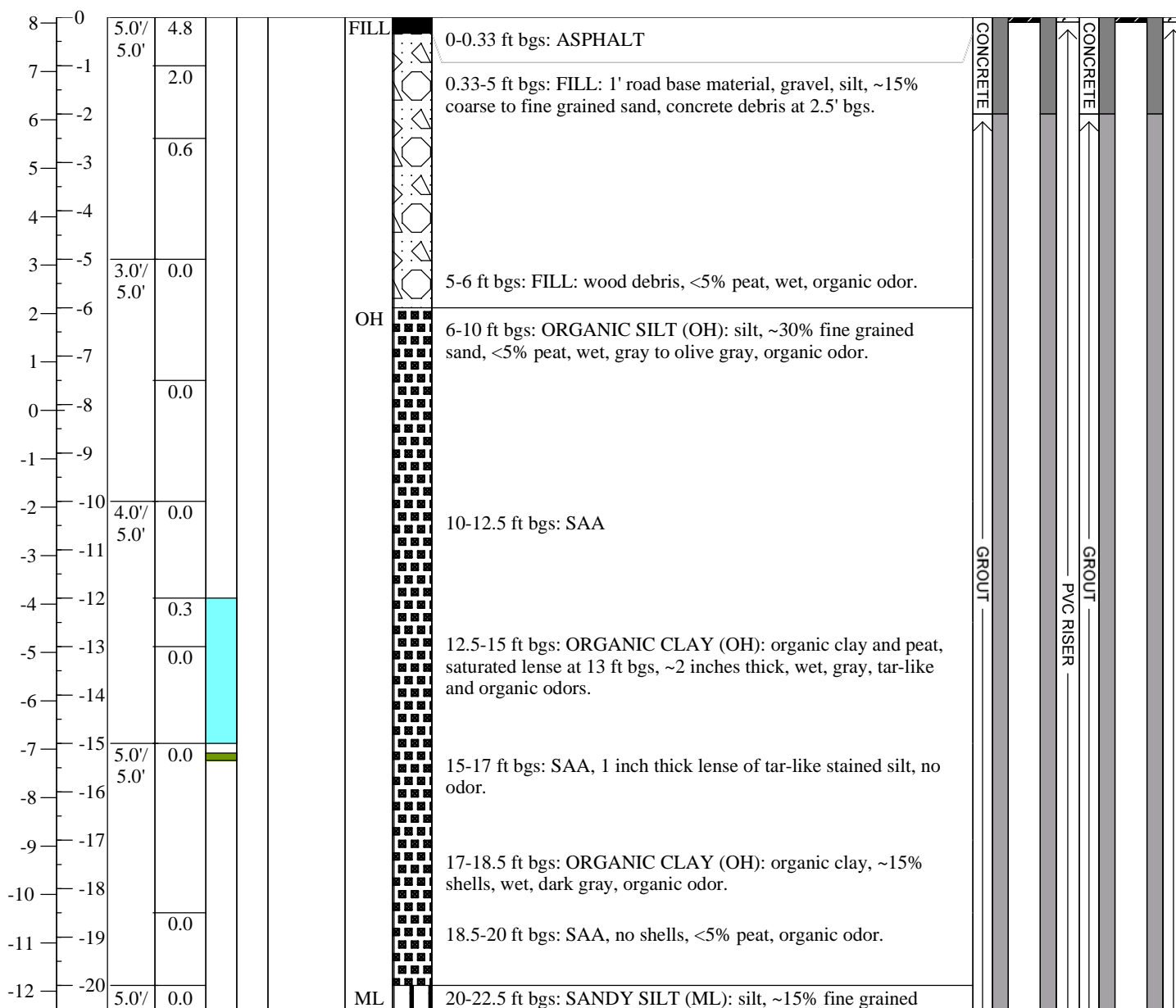
Total Depth: 90 ft bgs

Ground Elevation: 8.12' NAVD 88

Converted To Well (Y/N): YES

Well ID: MW-22 I/D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-22 I MW-22 D



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-22I/22D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-22/MW-22 I/D

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/5/2011

Date Started/Completed: 10/5/2011-10/6/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~3.5 ft bgs

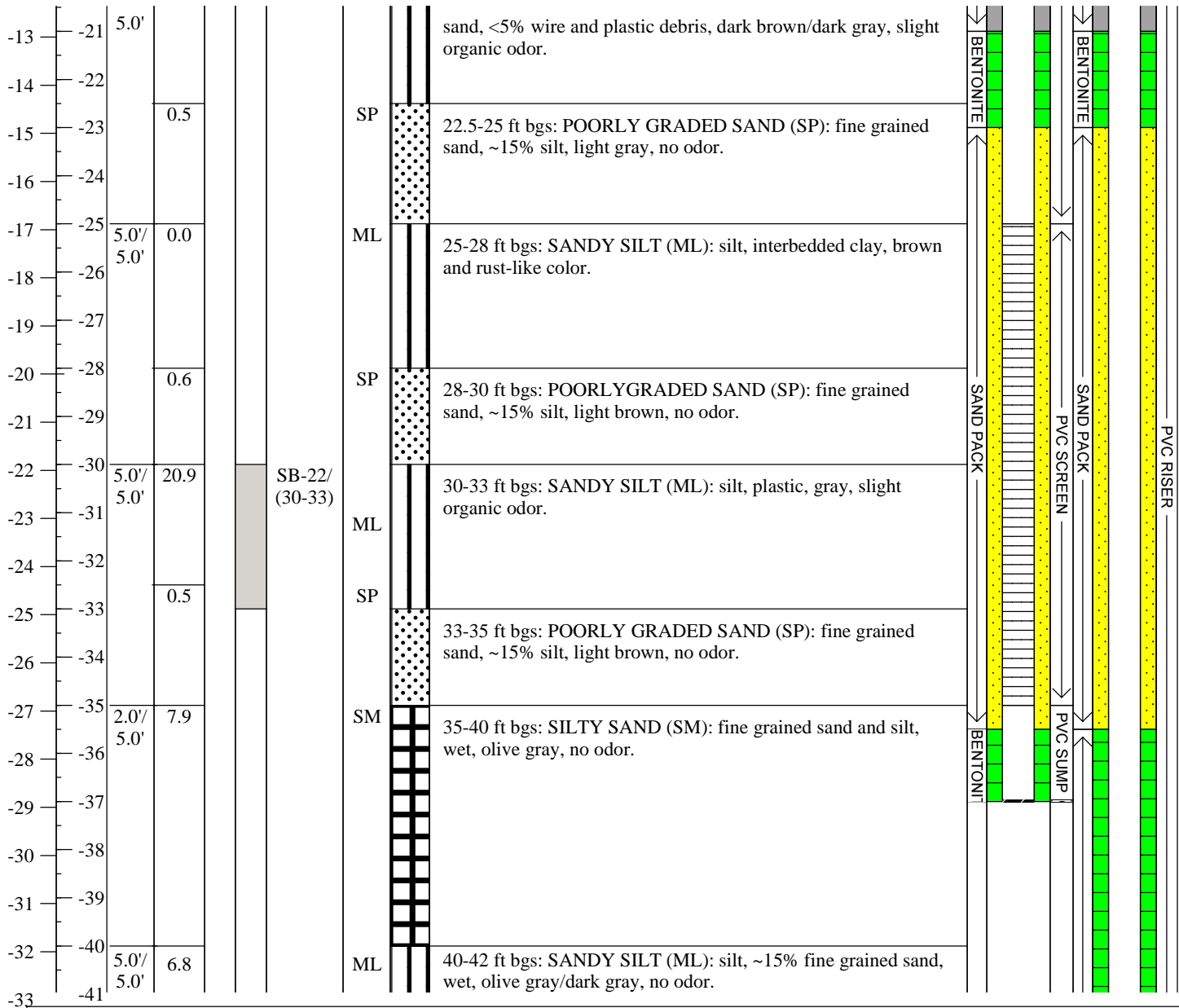
Total Depth: 90 ft bgs

Ground Elevation: 8.12' NAVD 88

Converted To Well (Y/N): YES

Well ID: MW-22 I/D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-22 I MW-22 D



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-22I/22D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-22/MW-22 I/D

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/5/2011

Date Started/Completed: 10/5/2011-10/6/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~3.5 ft bgs

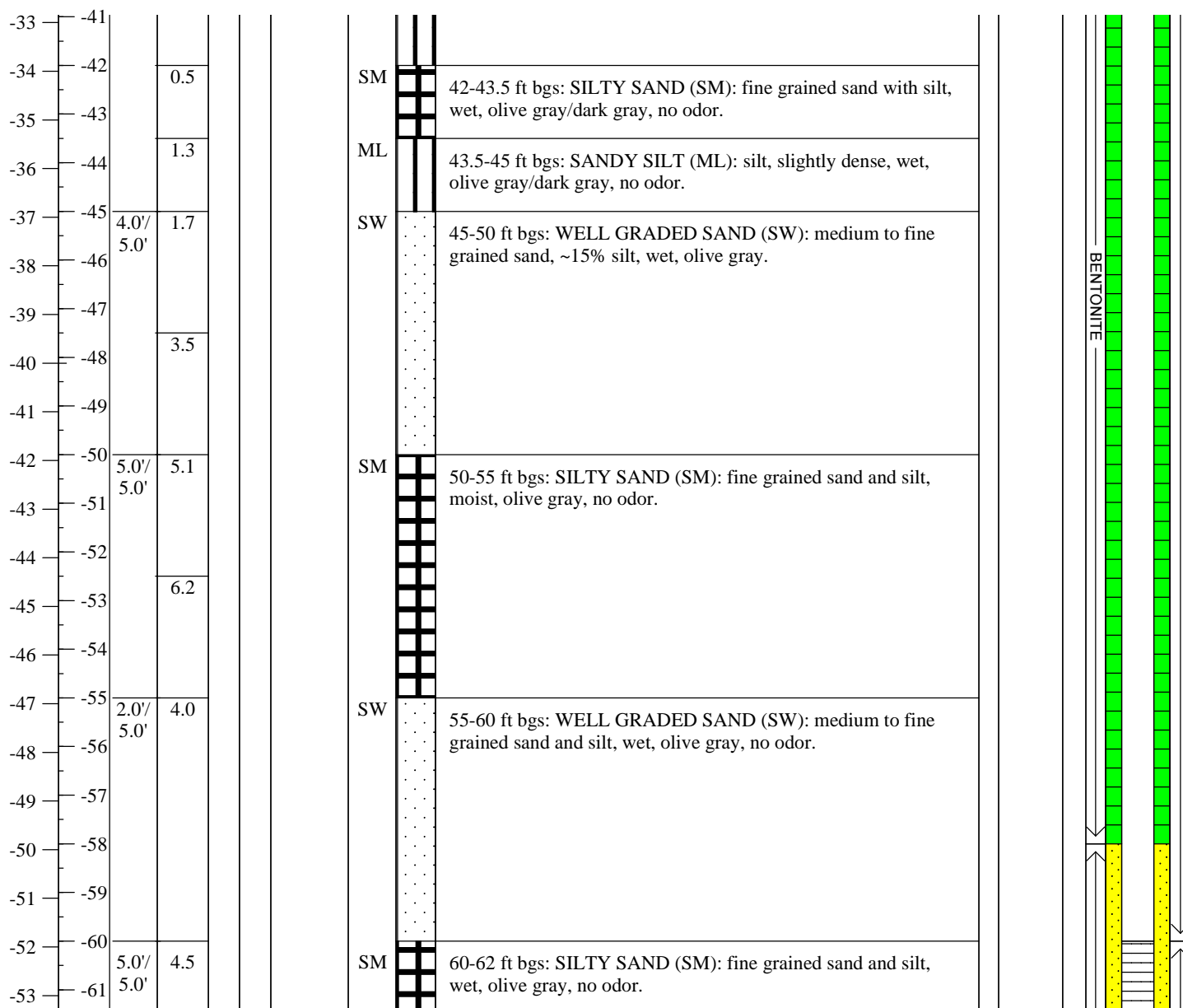
Total Depth: 90 ft bgs

Ground Elevation: 8.12' NAVD 88

Converted To Well (Y/N): YES

Well ID: MW-22 I/D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction MW-22 I MW-22 D
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Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-22I/22D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-22/MW-22 I/D

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/5/2011

Date Started/Completed: 10/5/2011-10/6/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~3.5 ft bgs

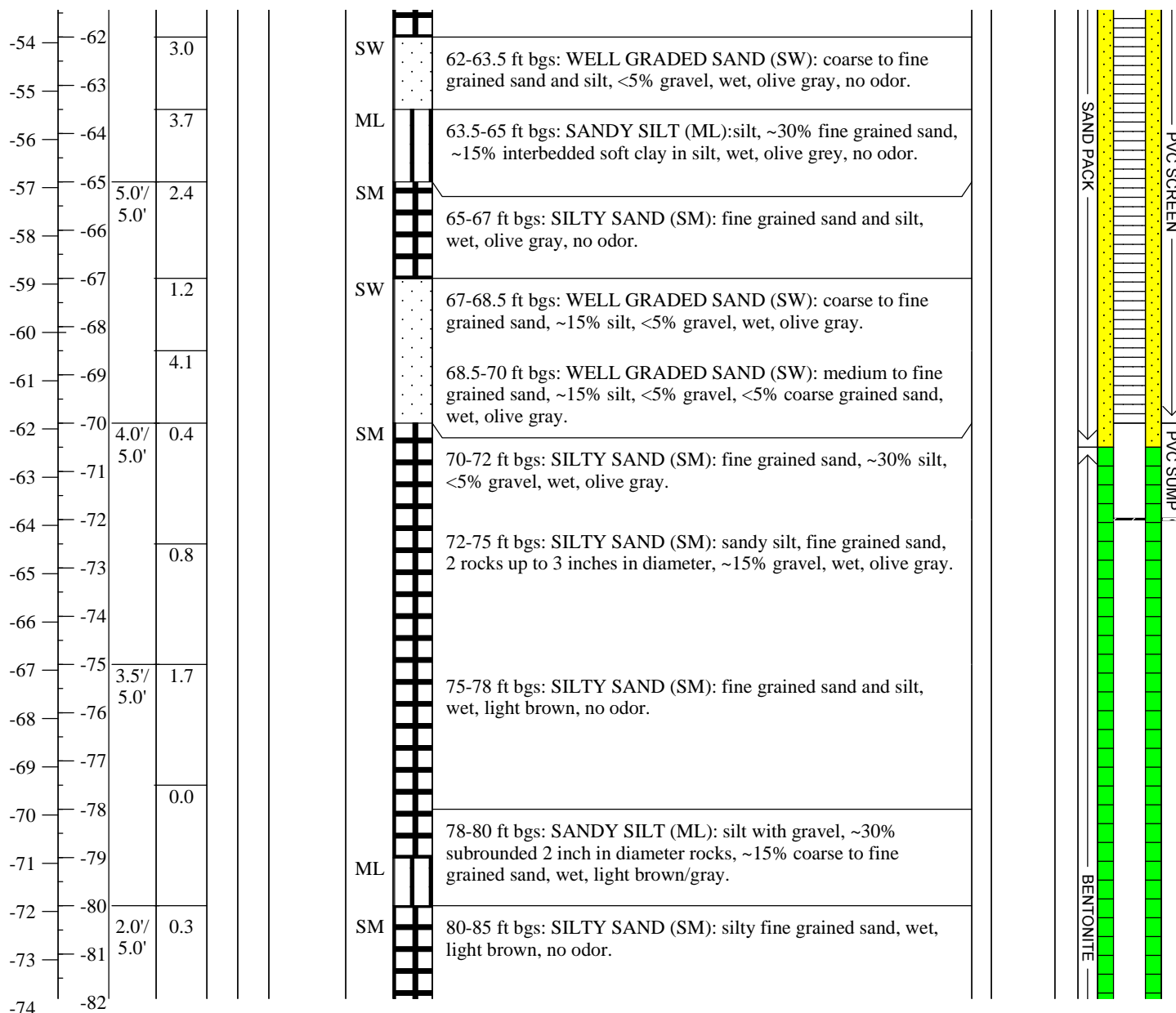
Total Depth: 90 ft bgs

Ground Elevation: 8.12' NAVD 88

Converted To Well (Y/N): YES

Well ID: MW-22 I/D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-22 I MW-22 D



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-22I/22D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-22/MW-22 I/D

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/5/2011

Date Started/Completed: 10/5/2011-10/6/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~3.5 ft bgs

Total Depth: 90 ft bgs

Ground Elevation: 8.12' NAVD 88

Converted To Well (Y/N): YES

Well ID: MW-22 I/D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-22 I MW-22 D
-74	-82									
-75	-83									
-76	-84									
-77	-85	5.0'/ 5.0'	0.0							
-78	-86								85-90 ft bgs: SAA, 2 rocks in bottom 10 inches, ~15% coarse to medium grained sand.	
-79	-87									
-80	-88		0.0							
-81	-89									
-90	-90					SB-22/			End of Boring 90 ft bgs.	

Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-22I/22D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-23/MW-23D

Page 1 of 5

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/3/2011

Date Started/Completed: 10/3/2011 - 10/4/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~3.5 ft bgs

Total Depth: 90 ft bgs

Ground Elevation: 5.22' NAVD 88

Converted To Well (Y/N): YES

Well ID: MW-23D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
5	0	5.0'/5.0'	1.0					FILL	0-0.25 ft bgs: ASPHALT	CONCRETE
4	-1								0.25-3 ft bgs: FILL: fill material with brick and concrete debris, ~30% slight staining.	
3	-2		0.9						3-5 ft bgs: FILL: concrete debris	
2	-3									
1	-4									
0	-5	3.5'/5.0'	1.4						5-7 ft bgs: FILL: gravel, ~30% silt and coarse to medium grained sand, wet, dark gray, no odor.	
-1	-6									
-2	-7		4.0						7-9.5 ft bgs: FILL: wood cores.	
-3	-8									
-4	-9									
-5	-10	5.0'/5.0'	1.2					ML GW	9.5-10 ft bgs: SANDY SILT (ML): silt, ~15% gravel, ~15% wood fibers, slightly plastic, wet, brown.	
-6	-11									
-7	-12							OH	10-12 ft bgs: WELL GRADED GRAVEL (GW): gravel, ~30% silt and coarse to medium grained sand, wet, dark gray, no odor.	
-8	-13		2.3						12-15 ft bgs: ORGANIC CLAY (OH): clay, ~15% fibrous peat, ~15% coarse grained sand and gravel, <5% wood debris, soft (thumb penetrates easily through), wet, organic odor.	
-9	-14									
-10	-15	3.5'/5.0'	2.7						15-20 ft bgs: SAA, <5% peat fibers, organic odor, no wood debris, <5% gravel.	
-11	-16									
-12	-17		1.1							
-13	-18									
-14	-19									
-15	-20	3.0'/	3.2						20-25 ft bgs: SAA, ~30% gravel, <5% shells.	

Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-23D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-23/MW-23D

Page 2 of 5

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/3/2011

Date Started/Completed: 10/3/2011 - 10/4/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~3.5 ft bgs

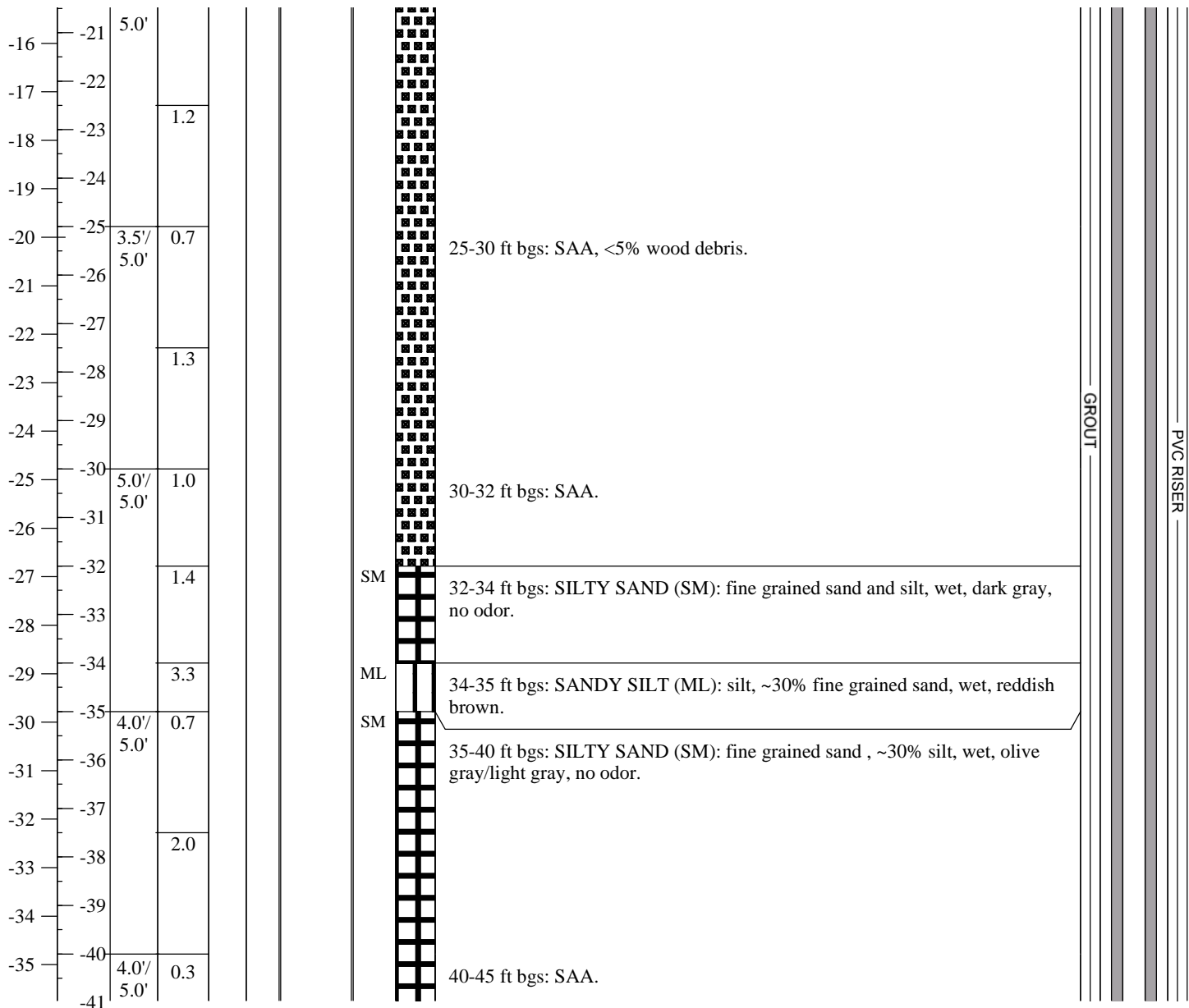
Total Depth: 90 ft bgs

Ground Elevation: 5.22' NAVD 88

Converted To Well (Y/N): YES

Well ID: MW-23D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-23D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-23/MW-23D

Page 3 of 5

Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/3/2011

Date Started/Completed: 10/3/2011 - 10/4/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~3.5 ft bgs

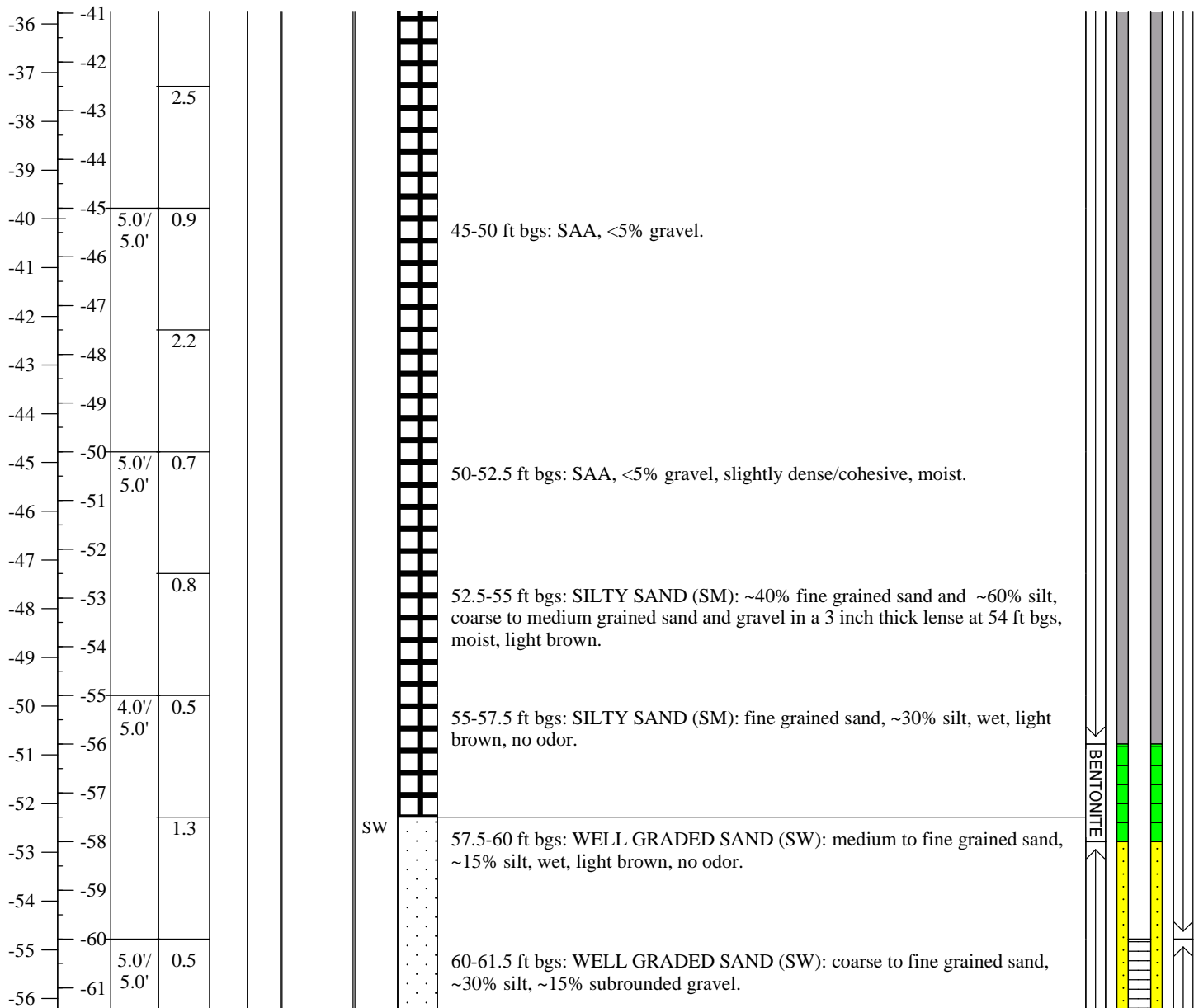
Total Depth: 90 ft bgs

Ground Elevation: 5.22' NAVD 88

Converted To Well (Y/N): YES

Well ID: MW-23D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-23D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-23/MW-23D

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/3/2011

Date Started/Completed: 10/3/2011 - 10/4/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~3.5 ft bgs

Total Depth: 90 ft bgs

Ground Elevation: 5.22' NAVD 88

Converted To Well (Y/N): YES

Well ID: MW-23D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
-56	-62		0.9					SM	61.5-63.5 ft bgs: SILTY SAND (SM): fine grained sand, ~30% silt, <5% gravel, wet, brown.	SAND PACK PVC SCREEN PVC SUMP BENTONITE
-57	-63		1.6					ML	63.5-65 ft bgs: SANDY SILT (ML): silt with fine grained sand, wet, brown, no odor.	
-58	-64							SM	65-70 ft bgs: SILTY SAND (SM): fine grained sand, ~30% silt, wet, light brown, no odor.	
-59	-65									
-60	-66	5.0'/5.0'	1.8							
-61	-67									
-62	-68		1.8							
-63	-69									
-64	-70							SW	70-72 ft bgs: WELL GRADED SAND (SW): coarse to fine grained sand, ~30% gravel, ~15% silt, wet, brown, no odor.	
-65	-71	5.0'/5.0'	1.8							
-66	-72							ML	72-73.5 ft bgs: SANDY SILT (ML): silt, ~30% fine grained sand, ~15% gravel, wet, brown.	BENTONITE
-67	-73		0.9							
-68	-74		0.2					SM	73.5-75 ft bgs: SILTY SAND (SM): fine grained sand, ~30% silt, <5% gravel, 2.5 inch in diameter subrounded rock, wet, brown, no odor.	
-69	-75									
-70	-76	5.0'/5.0'	3.9						75-80 ft bgs: SAA.	
-71	-77									
-72	-78		4.6							
-73	-79									
-74	-80									
-75	-81	5.0'/5.0'	5.5			SB-23 (80-82.5)			80-85 ft bgs: SILTY SAND (SM): fine grained sand with silt, moist, reddish brown, mild sweet odor.	
-76	-82									

Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-23D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-23/MW-23D

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Project Name: Metropolitan Former MGP

Project Number: 60137361

Client: National Grid

Date Pre-Cleared: 10/3/2011

Date Started/Completed: 10/3/2011 - 10/4/2011

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8"

Logged By: Luis Ferreira

Water Level: ~3.5 ft bgs

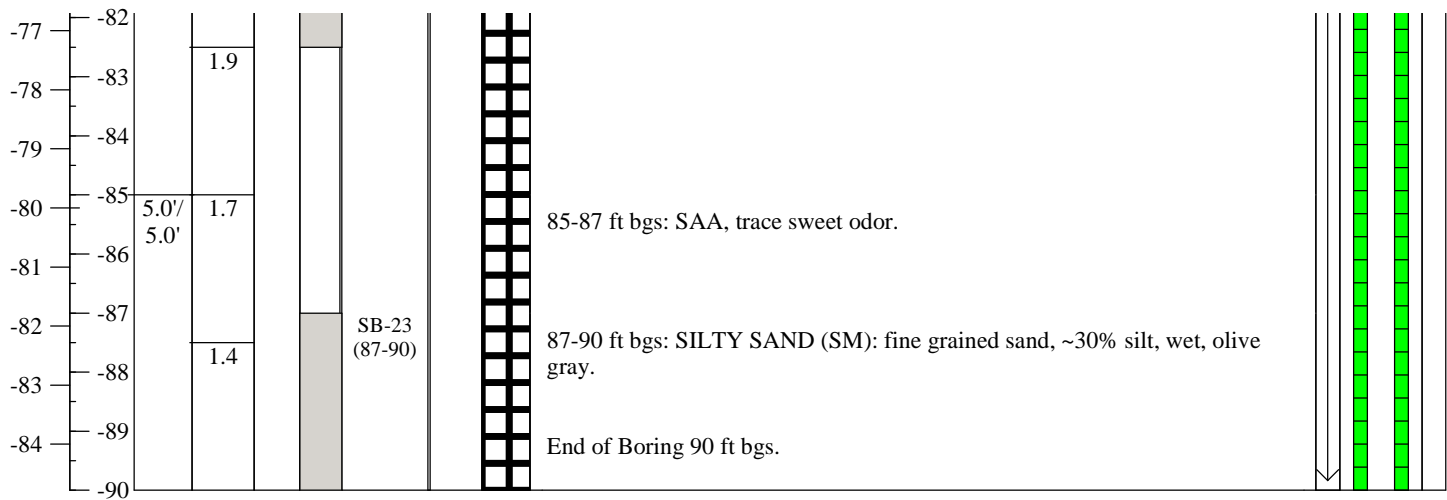
Total Depth: 90 ft bgs

Ground Elevation: 5.22' NAVD 88

Converted To Well (Y/N): YES

Well ID: MW-23D

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
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Notes:

- 1) Location hand cleared from 0-5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-23D
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.020 slot size
- 5) Sand pack #0
- 6) No Meadow Mat Present
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-24

Page 1 of 5

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 10/11/11
Date Started/Completed: 10/11/11 - 10/12/11

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8 inches
Logged By: Luis Ferreira

Water Level: ~5 ft bgs
Total Depth: 90 ft bgs
Ground Elevation: 8.16' NAVD 88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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0	5.0'/5.0'	7.0					FILL	0-0.25 ft bgs: ASPHALT
-1								0.25-5 ft bgs: FILL: back fill, gravel and sand with concrete and brick debris, <5% shell deposits, <5% wood and glass debris from 4-5 ft bgs, organic odor.
-2		12.1						
-3								
-4		9.5						
-5	4.0'/5.0'	11.3						5-10 ft bgs: FILL: slightly dense silt, ~30% gravel, ~30% coarse to fine grained sand, ~15% shell deposits, ~15% fill debris (wood chips, nails), one 4 inch in diameter cobble, wet, dark gray.
-6								
-7		9.1						
-8								
-9								
-10	5.0'/5.0'	3.6						10-11 ft bgs: SAA.
-11							OH	11-15 ft bgs: ORGANIC CLAY (OH): soft organic clay and peat, ~15% wood debris with creosote-like staining on wood and clay, one 4 inch in diameter cobble, wet, organic odor, less fibrous peat and more shell deposits from 13-15 ft bgs, <5% wire debris.
-12		1.4						
-13								
-14								
-15	5.0'/5.0'	1.2						15-16 ft bgs: ORGANIC CLAY (OH): slightly dense silt, ~15% gravel, ~30% coarse to fine grained sand, ~15% shell deposits, ~15% fill debris (wood chips, nails), one 4 inch in diameter cobble, wet, dark gray.
-16								
-17		1.6						16-20 ft bgs: ORGANIC CLAY (OH): less soft organic clay, fibrous peat in bottom from 19-20 ft bgs, wet, dark gray, organic odor.
-18								
-19								
-20	5.0'/5.0'	12.4						20-23 ft bgs: SAA, <5% wood debris

Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-24

Page 2 of 5

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 10/11/11
Date Started/Completed: 10/11/11 - 10/12/11

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8 inches
Logged By: Luis Ferreira

Water Level: ~5 ft bgs
Total Depth: 90 ft bgs
Ground Elevation: 8.16' NAVD 88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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-21	5.0'							
-22								
-23		9.2						
-24						ML		23-25 ft bgs: SANDY SILT (ML): silt, ~30% medium to fine grained sand, wet, dark gray, no odor.
-25	5.0'/5.0'	2.0						25-27.5 ft bgs: SAA, no odor.
-26								
-27								
-28		1.7				SW		27.5-30 ft bgs: SILTY SAND (SM): medium to fine grained sand, ~30% silt, wet, brown, no odor.
-29								
-30	5.0'/5.0'	1.6						30-32.5 ft bgs: SAA.
-31								
-32								
-33		2.0				ML		32.5-35 ft bgs: SANDY SILT (ML): silt, ~15% fine grained sand, slightly dense, moist, reddish brown.
-34								
-35	4.0'/5.0'	3.0						35-40 ft bgs: SAA, wet.
-36								
-37								
-38								
-39								
-40	5.0'/5.0'	0.9						40-45 ft bgs: SAA, ~30% fine grained sand, wet.
-41								

Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-24

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 10/11/11

Date Started/Completed: 10/11/11 - 10/12/11

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: 8 inches

Logged By: Luis Ferreira

Water Level: ~5 ft bgs

Total Depth: 90 ft bgs

Ground Elevation: 8.16' NAVD 88

Converted To Well (Y/N): NO

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
-41								
-42								
-43		3.9						
-44								
-45	5.0'/5.0'	8.1						45-50 ft bgs: SANDY SILT (ML): silt, fine grained sand, wet, olive gray, no odor.
-46								
-47								
-48		8.8						
-49								
-50	5.0'/5.0'	9.0						50-52.5 ft bgs: SAA, moist.
-51								
-52								
-53		8.8				SW		52.5-55 ft bgs: WELL GRADED SAND (SW): medium to fine grained sand, ~30% silt, <5% gravel, moist, olive gray, no odor.
-54								
-55	4.0'/5.0'	10.6				SM		55-60 ft bgs: SILTY SAND (SM): fine grained sand, ~30% silt, wet, olive gray, no odor.
-56								
-57								
-58		9.7						
-59								
-60	5.0'/5.0'	10.8				ML		60-62.5 ft bgs: SANDY SILT (ML): silt, fine grained sand, wet, olive gray, no odor.
-61								

Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-24

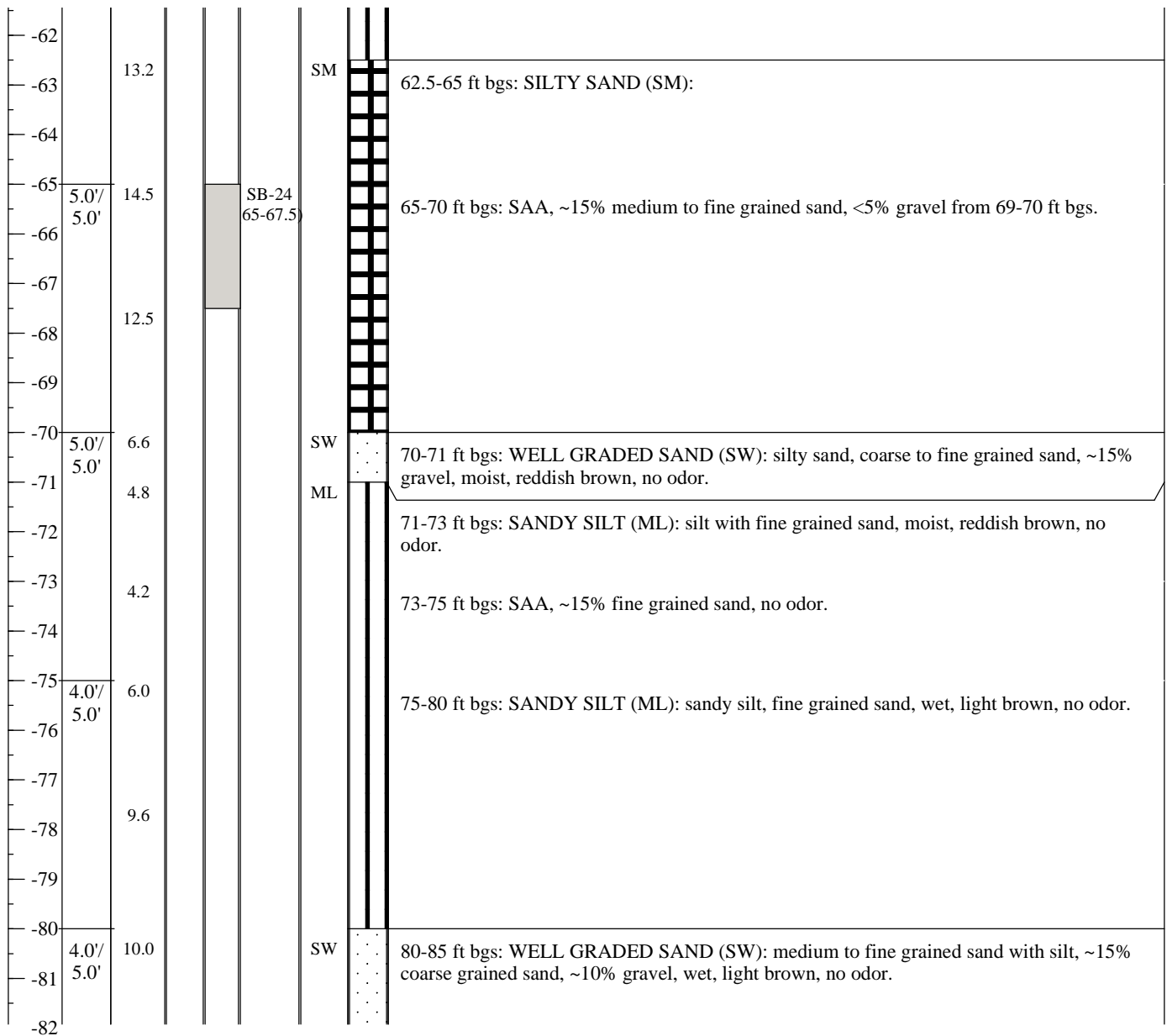
Page 4 of 5

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 10/11/11
Date Started/Completed: 10/11/11 - 10/12/11

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8 inches
Logged By: Luis Ferreira

Water Level: ~5 ft bgs
Total Depth: 90 ft bgs
Ground Elevation: 8.16' NAVD 88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-24

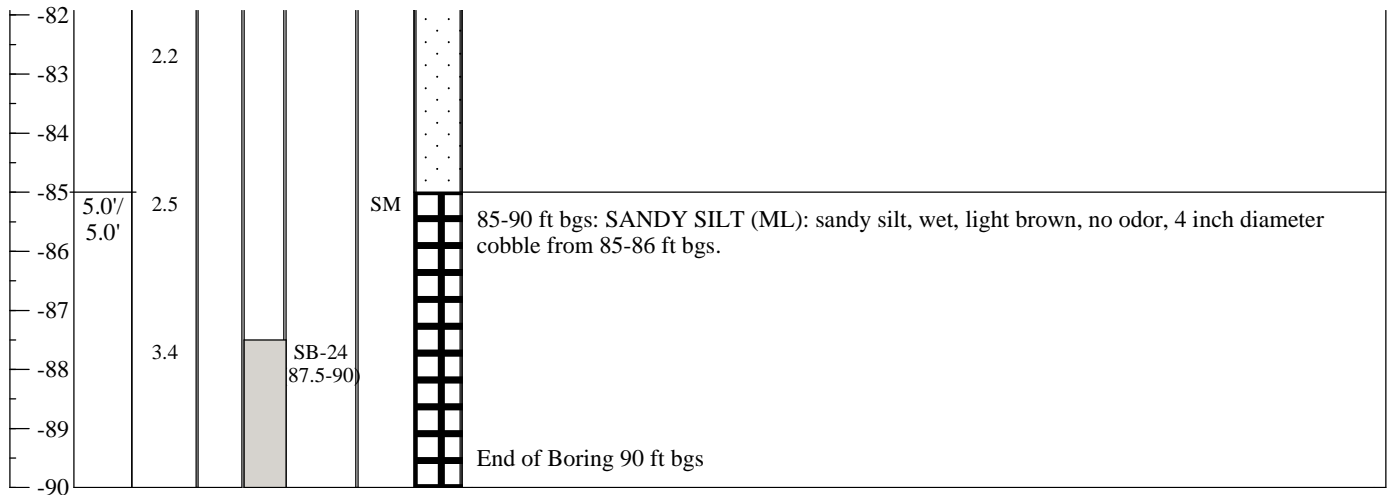
Page 5 of 5

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 10/11/11
Date Started/Completed: 10/11/11 - 10/12/11

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8 inches
Logged By: Luis Ferreira

Water Level: ~5 ft bgs
Total Depth: 90 ft bgs
Ground Elevation: 8.16' NAVD 88
Converted To Well (Y/N): NO
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-25/MW-25

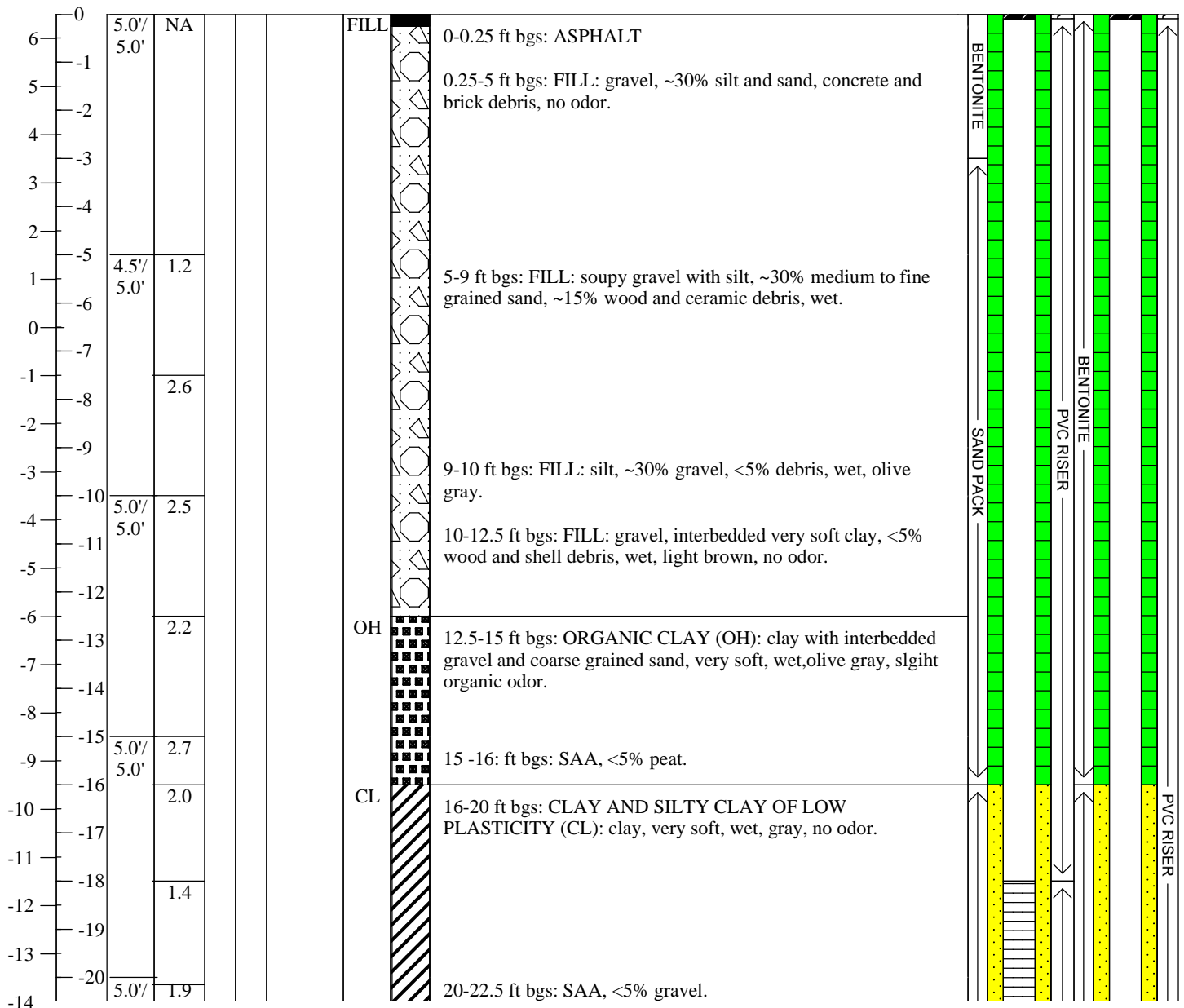
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Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 10/12/11
Date Started/Completed: 10/12/11 - 10/13/11

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Luis Ferreira

Water Level: ~5 ft bgs
Total Depth: 90 ft bgs
Ground Elevation: 6.51 ft bgs
Converted To Well (Y/N): YES
Well ID: MW-25S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-25S MW-25I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-25S/25I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-25/MW-25

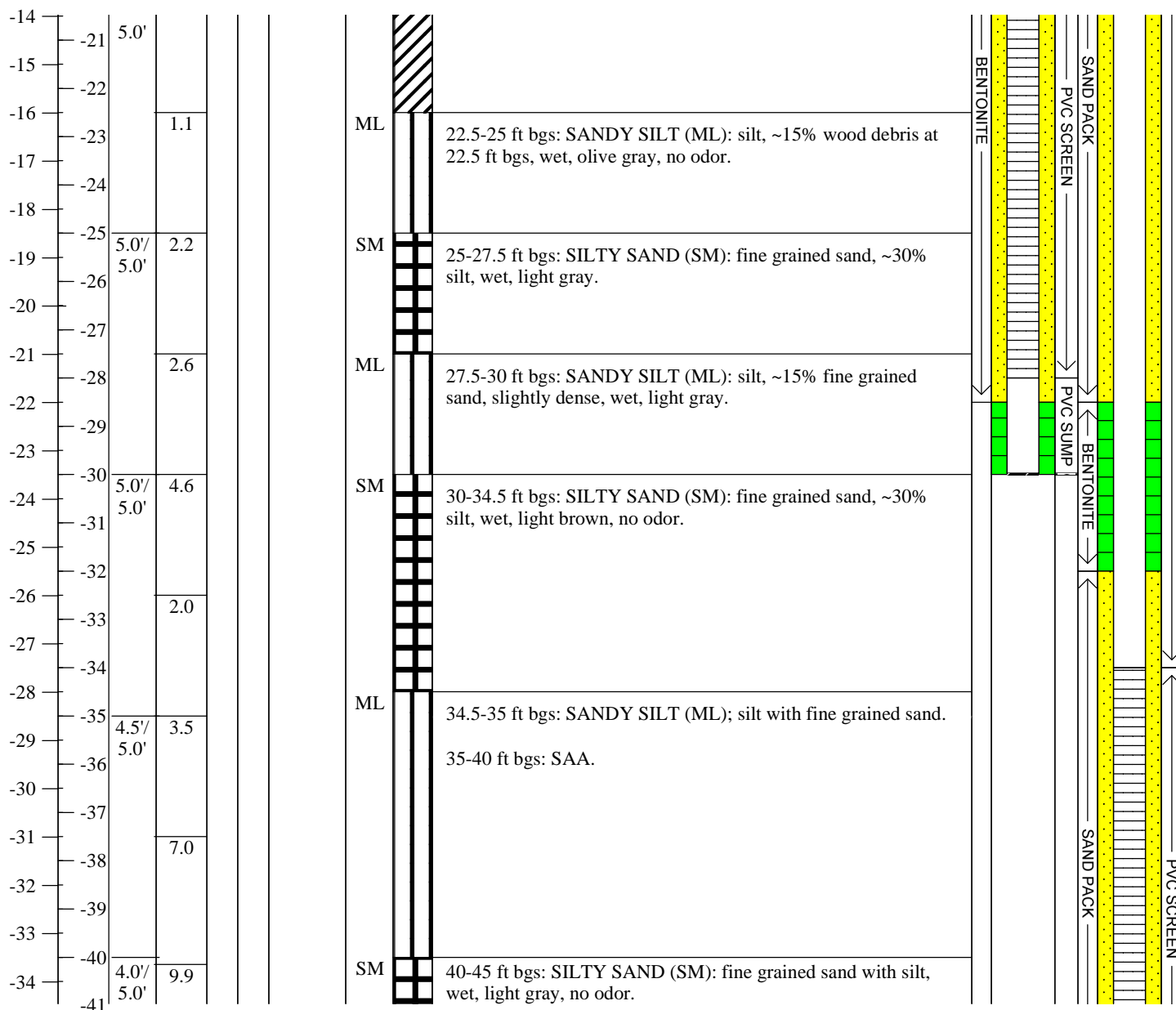
Page 2 of 5

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 10/12/11
Date Started/Completed: 10/12/11 - 10/13/11

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Luis Ferreira

Water Level: ~5 ft bgs
Total Depth: 90 ft bgs
Ground Elevation: 6.51 ft bgs
Converted To Well (Y/N): YES
Well ID: MW-25S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-25S MW-25I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-25S/25I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-25/MW-25

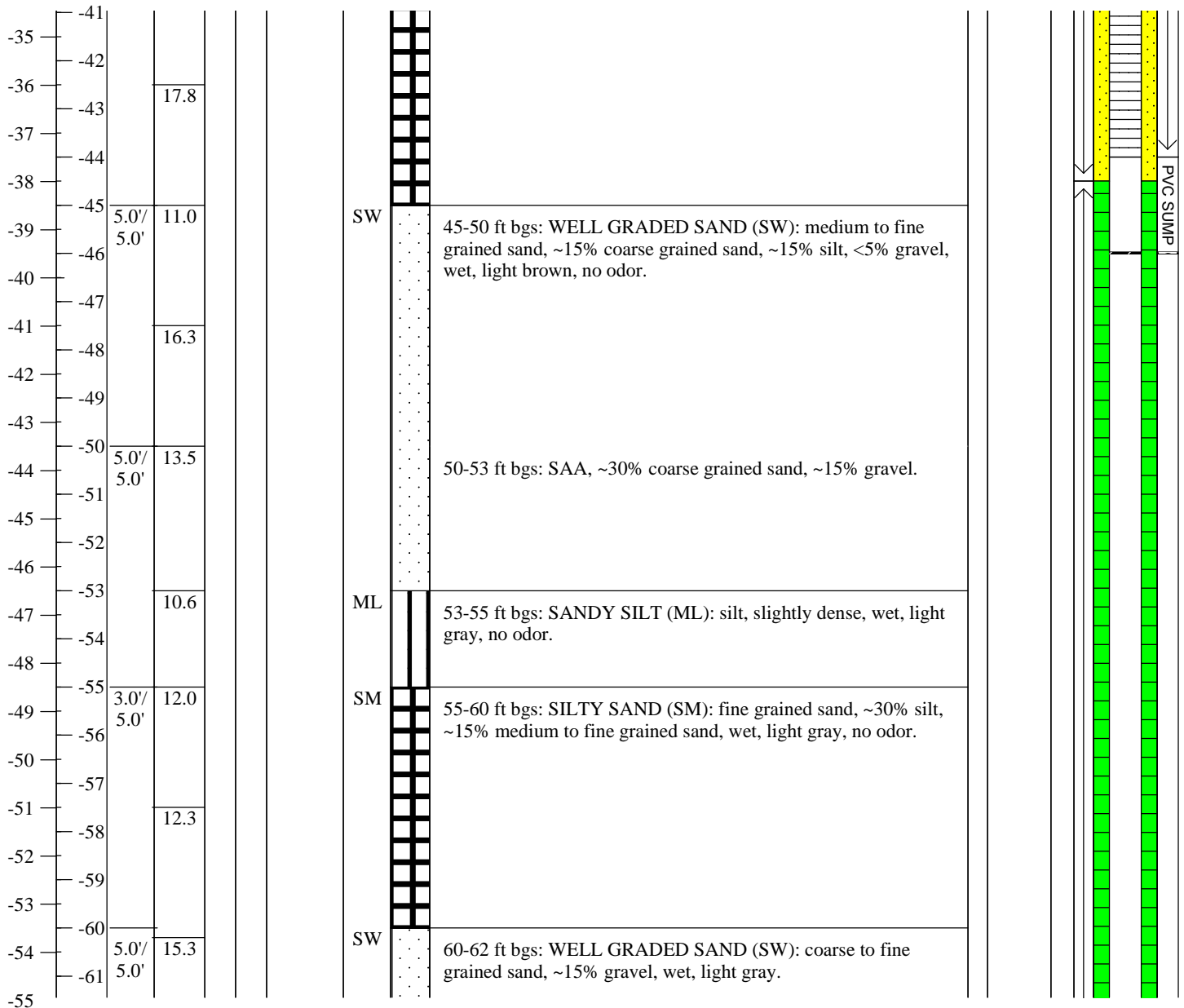
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Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 10/12/11
Date Started/Completed: 10/12/11 - 10/13/11

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Luis Ferreira

Water Level: ~5 ft bgs
Total Depth: 90 ft bgs
Ground Elevation: 6.51 ft bgs
Converted To Well (Y/N): YES
Well ID: MW-25S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-25S MW-25I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-25S/25I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S. - Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-25/MW-25

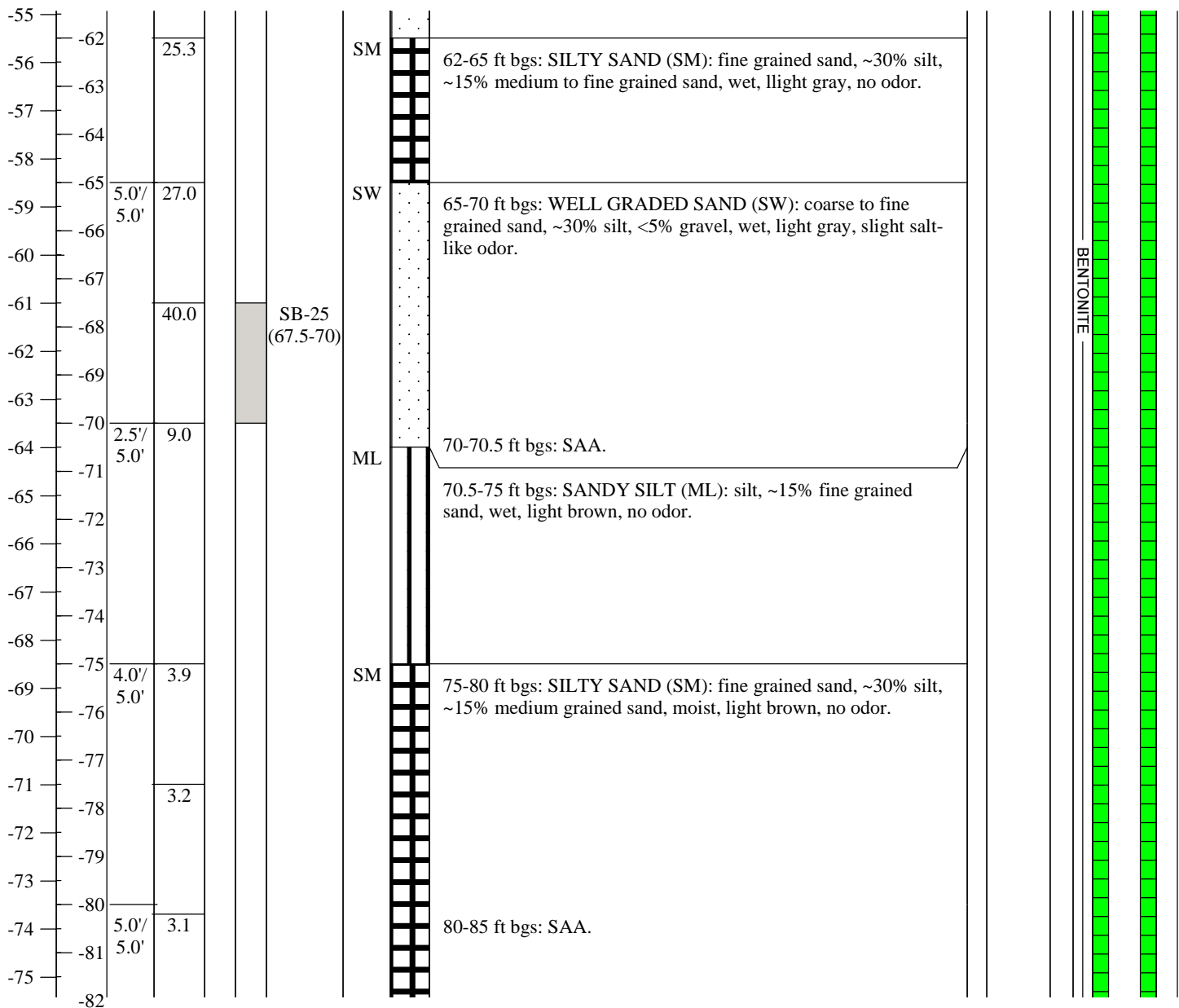
Page 4 of 5

Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 10/12/11
Date Started/Completed: 10/12/11 - 10/13/11

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Luis Ferreira

Water Level: ~5 ft bgs
Total Depth: 90 ft bgs
Ground Elevation: 6.51 ft bgs
Converted To Well (Y/N): YES
Well ID: MW-25S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction
										MW-25S MW-25I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-25S/25I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-25/MW-25

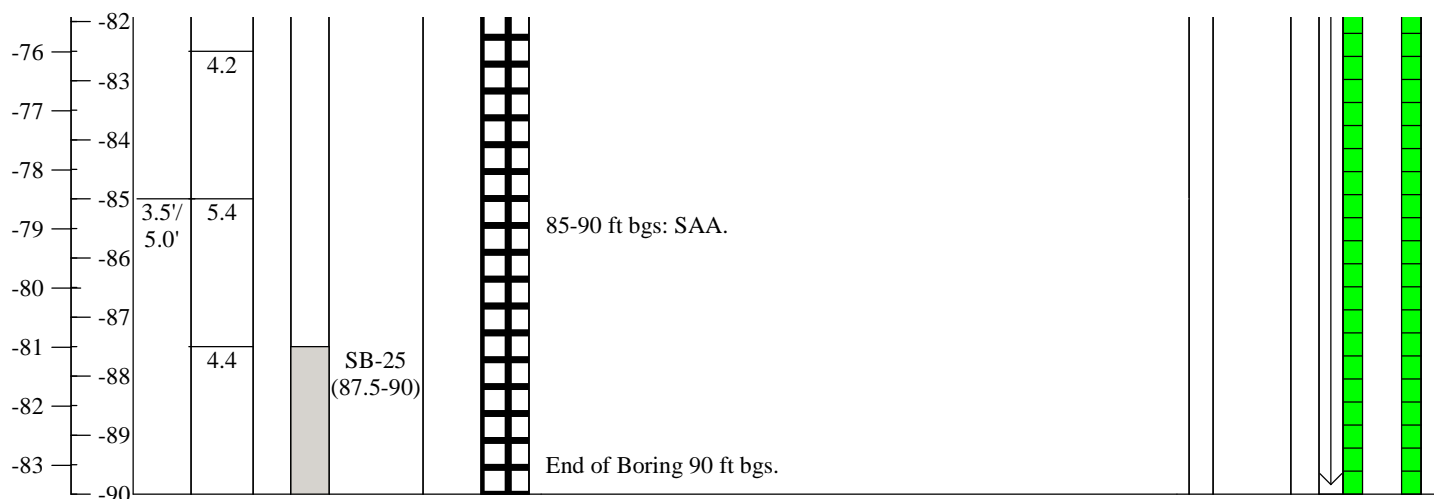
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Project Name: Metropolitan Former MGP
Project Number: 60137361
Client: National Grid
Date Pre-Cleared: 10/12/11
Date Started/Completed: 10/12/11 - 10/13/11

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: 8"
Logged By: Luis Ferreira

Water Level: ~5 ft bgs
Total Depth: 90 ft bgs
Ground Elevation: 6.51 ft bgs
Converted To Well (Y/N): YES
Well ID: MW-25S/I

Elevation (ft)	Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description	Well Construction	
										MW-25S	MW-25I



Notes:

- 1) Location was hand cleared to 5 ft bgs.
- 2) Boring was converted into Monitoring Well: MW-25S/25I
- 3) Riser Pipe: PVC sch. 40, 2" diameter
- 4) Screen: PVC sch. 40, 2" diameter, 0.010 slot size
- 5) Sand pack #0
- 6) Meadow Mat Observed
- 7) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-26

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Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 3/12/12
Date Started/Completed: 3/12/12- 3/13/12

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: TBD
Logged By: Steve Wright

Water Level: ~12 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 12.35 ft NAVD88
Converted To Well (Y/N): No
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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0							FILL	0-3 ft bgs: FILL: fine to coarse grained silty sand with gravel, moist, non-plastic, non-cohesive, ~10% of cobbles and brick fragments.
-1								
-2								
-3	5'/5'	0					SM	3-5 ft bgs: SILTY SAND (SM): fine to coarse grained sand and silt, and ~5% fine to coarse gravel, non-plastic, non-cohesive, moist.
-4								
-5								5-10 ft bgs SAA
-6								
-7								
-8	4'/5'	0						
-9								
-10								10-15 ft bgs SILTY SAND (SM): fine grained silty sand, brown, gray at 14 ft bgs, wet at 12 ft bgs.
-11								
-12								
-13	3.4'/5'	0						
-14								
-15								15-17.5 ft bgs SAA
-16								
-17								
-18	5'/5'	0					PT	17.5-18.5 ft bgs FIBROUS AND FRIABLE PEAT (PT): peat, dark gray, wet.
-19							SP	18.5-20 ft bgs POORLY GRADED SAND (SP): fine grained silty sand, gray, wet.
-20								20 -23 ft bgs SAA, grading to brown, wet.

Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
- 7) PID - Photo Ionization Detector
- 8) ppm - parts per million
- 9) NAPL - Non-Aqueous Phase Liquid



Boring ID: SB-26

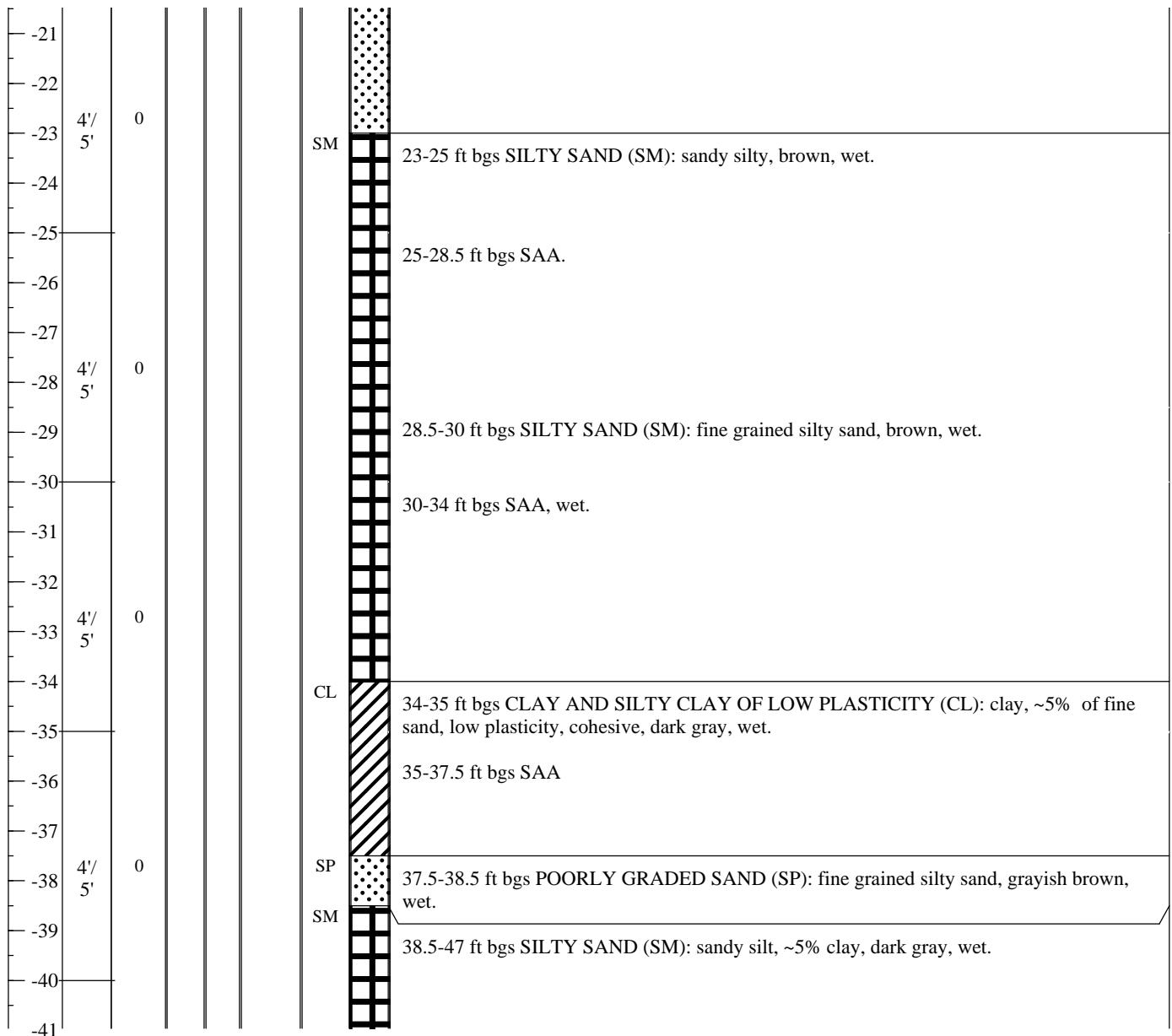
Page 2 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 3/12/12
Date Started/Completed: 3/12/12- 3/13/12

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: TBD
Logged By: Steve Wright

Water Level: ~12 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 12.35 ft NAVD88
Converted To Well (Y/N): No
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
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- 3) Impacts include visual and olfactory

Definitions:

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Boring ID: SB-26

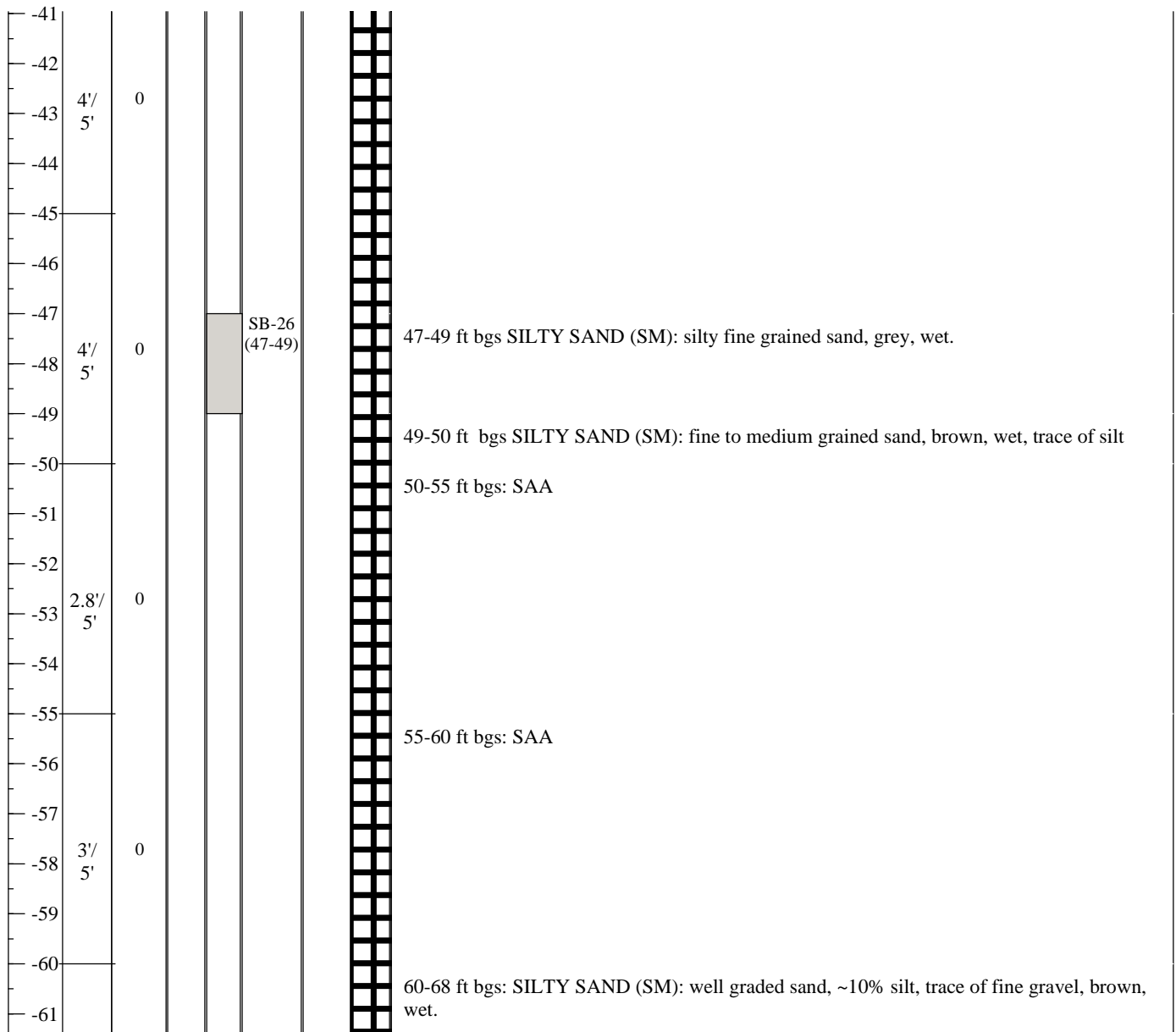
Page 3 of 4

Project Name: Metropolitan Former MGP
Project Number: 60137361-300
Client: National Grid
Date Pre-Cleared: 3/12/12
Date Started/Completed: 3/12/12- 3/13/12

Drilling Company: Boart Longyear
Drilling Method: Sonic
Sampling Method: 5' disposable plastic liner
Boring Diameter: TBD
Logged By: Steve Wright

Water Level: ~12 ft bgs
Total Depth: 70 ft bgs
Ground Elevation: 12.35 ft NAVD88
Converted To Well (Y/N): No
Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S.	Lithology	Geologic Description
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Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

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Boring ID: SB-26

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Project Name: Metropolitan Former MGP

Project Number: 60137361-300

Client: National Grid

Date Pre-Cleared: 3/12/12

Date Started/Completed: 3/12/12- 3/13/12

Drilling Company: Boart Longyear

Drilling Method: Sonic

Sampling Method: 5' disposable plastic liner

Boring Diameter: TBD

Logged By: Steve Wright

Water Level: ~12 ft bgs

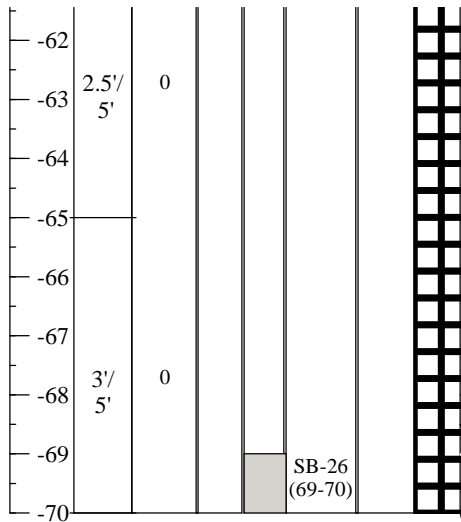
Total Depth: 70 ft bgs

Ground Elevation: 12.35 ft NAVD88

Converted To Well (Y/N): No

Well ID: NA

Depth (ft)	Recovery (ft)	PID (ppm)	Impacts	Interval Sampled	Sample ID	U.S.C.S	Lithology	Geologic Description
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68-68.5 ft bgs: SANDY SILT (SM) silt, ~<5% fine grained sand, wet.

68.5- 70 ft bgs SILTY SAND (SM): silty fine grained sand, brown

END OF BORING 70 ft bgs

Notes:

- 1) The location was pre-cleared to 5 ft bgs by hand-digging
- 2) Meadow Mat Present
- 3) Impacts include visual and olfactory

Definitions:

- 1) NA - Not Applicable
- 2) ft - feet
- 3) bgs - below ground surface
- 4) U.S.C.S.- Unified Soil Classification System
- 5) NAVD 88 - North American Vertical Datum of 1988

- 6) SAA - Same As Above
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