

APPENDIX A2
Boring Logs and Well Installation Diagrams
(Previous Investigations)



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
					0		Concrete (10 inches)
					2		BROWN SILTY SAND WITH GRAVEL (SM), moist, fine to medium, little fine to coarse subangular to subrounded gravel up to 3-inch diameter, little fines, occasional subrounded cobbles up to 4-inch diameter, occasional orange staining, air knifed to 7 ft bgs
	0.1				6		
	2.1				8		
	3.3				10		at 10 feet: no staining
	3.9			96	12		
	3.5				14		
	3.7				16		
	1.9				18		at 19 feet: slightly coarser sand, few gravel
	5.1	B-214-15		60	20		
	2.7				22		BROWN SANDY SILT (ML), moist, some fine to medium sand, few fine subrounded gravel, non-plastic
	4.5				24		GRAY-BROWN SILTY SAND (SM), moist, fine to medium, some fines, few fine to coarse subrounded gravel up to 1-inch diameter
	3.5				26		at 25 feet: little gravel
	4.6				28		BROWN SILT WITH SAND (ML), moist, little fine to coarse sand, non-plastic, frequent orange staining
	3.4				30		GRAY SILTY SAND (SM), moist, fine to medium, little fines, few fine to coarse subrounded gravel, subrounded cobbles up to 4-inch diameter
	5.3	B-214-25		120	32		GRAY SANDY SILT (ML), moist, some fine to medium sand, few fine to coarse subrounded to rounded gravel
	4.2				34		
	5.1				36		
	3.8				38		
	2.7				40		at 30 feet: occasional inclusions of medium sand
3.2							
4.8							
4.5							
7.9							
6.4							
9.0	B-214-35		120				
3.8							
6.9							
7.6							
5.5							

Project: Former American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: CJD
 Ecology Well Tag: N/A

Total Drilled Depth: 120 Feet
 Diameter of Boring: 6 inches
 Drill Date: 09/07/17-09/08/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
	4.2	B-214-45	120	42-46	42		GRAY SILT WITH SAND (ML), moist, little fine to medium sand, non-plastic
	4.3				44		
	4.8				46		
	3.2				48		
	3.5	B-214-55	60	50-54	50		GRAY SILTY SAND (SM), moist, fine to medium, some fines, trace fine subangular to subrounded gravel up to 0.75-inch diameter at 50 feet: (sample fell out of sampler during bagging and was collected as dry powder)
	1.3				52		
	3.4				54		
	2.3				56		
	2.3	B-214-65	120	60-64	60		GRAY SILT WITH SAND (ML), moist, little fine sand, trace fine subangular to subrounded gravel at 60 feet: (sample fell out of sampler during bagging and was collected as dry powder)
	2.9				62		
	1.4				64		
	3.1				66		
	1.6	B-214-75	120	66-70	66		GRAY SANDY SILT (ML), moist, hard, some fine to medium sand, few fine to coarse subangular to subrounded gravel, occasional cobbles
	3.1				68		
	1.9				70		
	1.0				72		
	3.1	B-214-75	120	72-76	72		GRAY SILTY SAND (SM), moist, fine to coarse, some fines, few fine to coarse subangular to subrounded gravel up to 2-inch diameter
	3.7				74		
	5.0				76		
	3.5				78		
4.5					80		

Project: Former American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: CJD
 Ecology Well Tag: N/A

Total Drilled Depth: 120 Feet
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 Drill Date: 09/07/17-09/08/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
	5.4	B-214-85 B-908-100	120	82-86	82		GRAY SANDY SILT (ML), moist, hard, some fine sand, non-plastic
	5.6				84		
	1.7				86		
	2.2				88		
	4.9				90		
	7.1	B-214-95	120	92-98	92		GRAY SANDY SILT (ML), moist, some fine to medium sand, few fine to coarse subangular to rounded gravel, higher moisture content, abundant irregular inclusions of medium sand
	6.3				94		
	8.1				96		
	7.8				98		
	4.3				100		
	6.6	B-214-105	120	102-110	102		GRAY SILTY SAND WITH GRAVEL (SM), moist, fine to medium, some fines, little fine to coarse subrounded to rounded gravel up to 2-inch diameter, fine wood organics, flattened wood piece 4 inches long
	4.8				104		
	6.9				106		
	6.7				108		
	6.8				110		
	7.0	B-214-115	120	112-118	112		at 99 feet: some gravel, occasional irregular inclusions of medium sand, higher moisture content, soil Color-Tec reading <0.003 mg/kg
	4.5				114		
	5.4				116		
	4.8				118		
	5.0				120		
4.3	B-214-120	120	120-120	120		BROWN WOOD, wet (tree trunk?)	
2.9				120		GRAY SAND WITH SILT (SP), wet, fine to medium, few fine to coarse subangular to subrounded gravel up to 1-inch diameter, few fines	
2.8						at 110 feet: fine sand, trace gravel	
2.5						at 112 feet: brown, abundant orange mottling, intervals of slightly coarser sand up to 6 inches thick	
0.9						at 115 feet: gray, fine sand coarser than above	
1.3						at 120 feet: soil Color-Tec reading <0.003 mg/kg	
0.4							
1.5							
1.9							
0.9							
2.1							
1.9							

Project: Former American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: CJD
 Ecology Well Tag: N/A

Total Drilled Depth: 120 Feet
 Diameter of Boring: 6 inches
 Drill Date: 09/07/17-09/08/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
					122		Bottom of Boring at 120 feet bgs. Boring backfilled with bentonite grout.
					124		
					126		
					128		
					130		
					132		
					134		
					136		
					138		
					140		
					142		
					144		
					146		
					148		
					150		
					152		
					154		
					156		
					158		
					160		

Project: Former American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: CJD
 Ecology Well Tag: N/A

Total Drilled Depth: 120 Feet
 Diameter of Boring: 6 inches
 Drill Date: 09/07/17-09/08/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
					0		Asphalt (4 inches)
					2		BROWN SILTY SAND WITH GRAVEL (SM), moist, fine to medium, little fine to coarse subangular to subrounded gravel up to 3-inch diameter, little fines, air knifed to 7 ft bgs
	3.9		36		8		at 8 feet: wet
	4.1				9		at 9 feet: moist
	2.1				10		
	5.3				12		
	6.3			60		14	
	6.6	B-215-15			16		
	7.1				17		at 17 feet: medium sand
	9.8			60		18	
	6.7				20		
	6.9				22		BROWN SILTY SAND (SM), moist, fine to medium, some fines, few fine to coarse subangular to subrounded gravel, mottling
	9.5				24		BROWN SILTY SAND (SM), moist, fine to medium, little fines, few fine to coarse subangular to subrounded gravel
	9.8				26		
	10.0	B-215-25	120		28		BROWN SILT (ML), moist to wet, hard, few fine sand, non-plastic, orange mottling
	7.9				30		BROWN SAND WITH SILT AND GRAVEL (SP), moist, fine to medium, little fine subangular to subrounded gravel up to 0.75-inch diameter, few fines
	12.7				32		at 33 feet: horizon of medium sand 2 inches thick, followed by horizon of coarse sand 1 inch thick, followed by horizon of dark orange staining 2 inches thick
	17.1				34		BROWN SILTY SAND WITH GRAVEL (SM), moist, fine to medium, some fines, little fine to coarse subangular to subrounded gravel
	19.2				36		
	20.2				38		GRAY SILTY SAND (SM), wet, fine to medium, little fines
21.6				40		GRAY SILTY SAND (SM), moist, fine to medium, some fines, few fine to coarse subrounded to rounded gravel up to 1-inch diameter	
22.1							
23.0							
31	B-215-35	120					
6.7							
11.8							
9.6							
5.8							

Project: Former American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: CJD
 Ecology Well Tag: N/A

Total Drilled Depth: 95 Feet
 Diameter of Boring: 6 inches
 Drill Date: 09/12/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description	
	2.1	B-215-45	120	[Sample Interval]	42			
	3.7				44			
	6.8				46			
	5.7				48			
	6.8	B-215-55	60	[Sample Interval]	49		at 49 feet: slightly coarser sand, gravel up to 2-inch diameter	
	10.4				50			
	9.3				52		GRAY SILT WITH SAND (ML), moist, hard, little fine sand, trace fine subrounded to rounded gravel up to 0.75-inch diameter, non-plastic	
	5.1				54		GRAY SILTY SAND (SM), moist, fine to medium, some fines, few fine to coarse subangular to subrounded gravel up to 2-inch diameter	
	3.8	B-215-65	120	[Sample Interval]	56			
	4.7				58			at 58 feet: moist to wet, some gravel up to 3-inch diameter, occasional cobbles
	13.6				60			at 61 feet: few gravel
	17.1				62			
	10.6	B-215-75	120	[Sample Interval]	64			
	6.7				66			at 65.5 feet: soil Color-Tec reading 0.380 mg/kg
	21.4				68			
	46.3				70			
	56.2	B-215-75	120	[Sample Interval]	72			
	27.6				74			GRAY SANDY SILT (ML), moist, hard, some fine to medium sand, few gravel, non-plastic
	21.3				76			
	18.4				78			GRAY SILTY SAND (SM), moist to wet, fine to medium, little fines
12.7	B-215-75	120	[Sample Interval]	79				
13.1				80			GRAY SANDY SILT (ML), moist, hard, some fine to medium sand, few gravel, non-plastic	
10.1								
9.7								
4.1								
5.3								
2.9								

Project: Former American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: CJD
 Ecology Well Tag: N/A

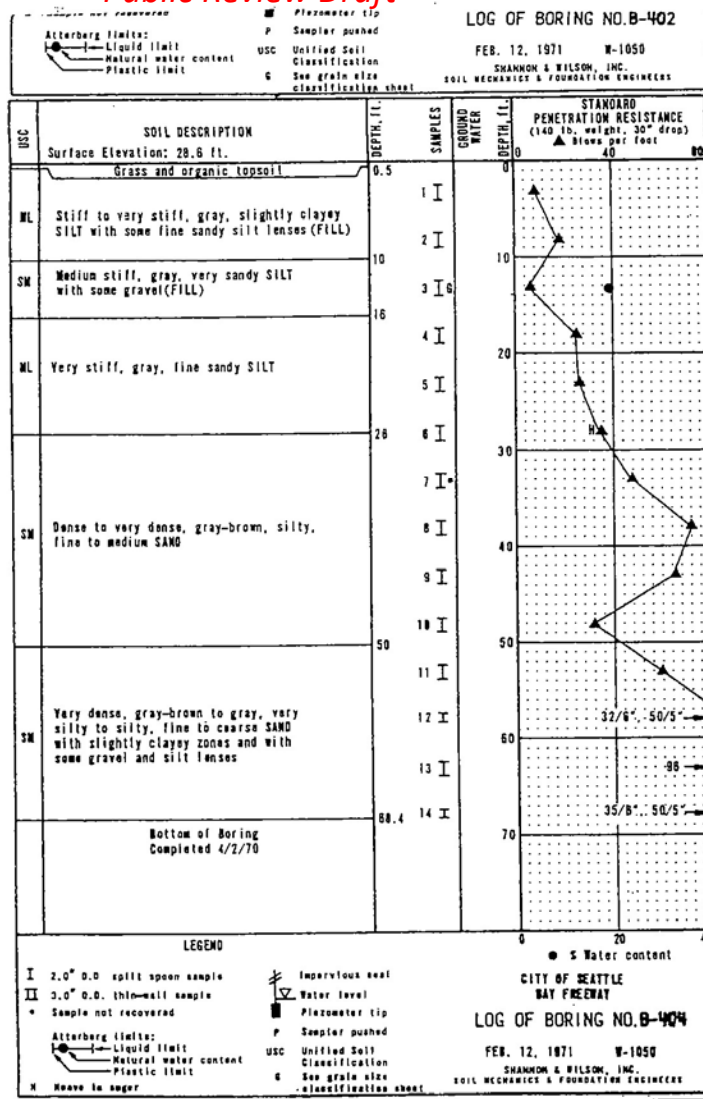
Total Drilled Depth: 95 Feet
 Diameter of Boring: 6 inches
 Drill Date: 09/12/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
<p>Bentonite Grout</p>	16.3						
	22.0				82		GRAY SILTY SAND (SM), moist, fine to medium, some fines, few fine to coarse subangular to subrounded gravel up to 1-inch diameter
	31.5				84		
	31.5	B-215-85					at 85 feet: soil Color-Tec reading <0.003 mg/kg
	14.4	B-909-105			86		GRAY SANDY SILT (ML), moist, some fine to medium sand, few fine to coarse subangular to subrounded gravel
	13.8				88		
	11.3				90		GRAY SILTY SAND WITH GRAVEL (SM), wet, fine to medium, some fine to coarse subrounded to rounded gravel up to 3-inch diameter, little fines, occasional cobbles
	12.6		120		92		BROWN SAND (SP), wet, fine to medium, few fine to coarse subrounded to rounded gravel, few fines
	13.1				94		at 95 feet: attempted to collect water sample but couldn't advance sampler, soil Color-Tec reading <0.003 mg/kg
	18.7				96		Bottom of Boring at 95 feet bgs. Boring backfilled with bentonite grout.
	9.2	B-215-95			98		
					100		
					102		
					104		
					106		
				108			
				110			
				112			
				114			
				116			
				118			
				120			

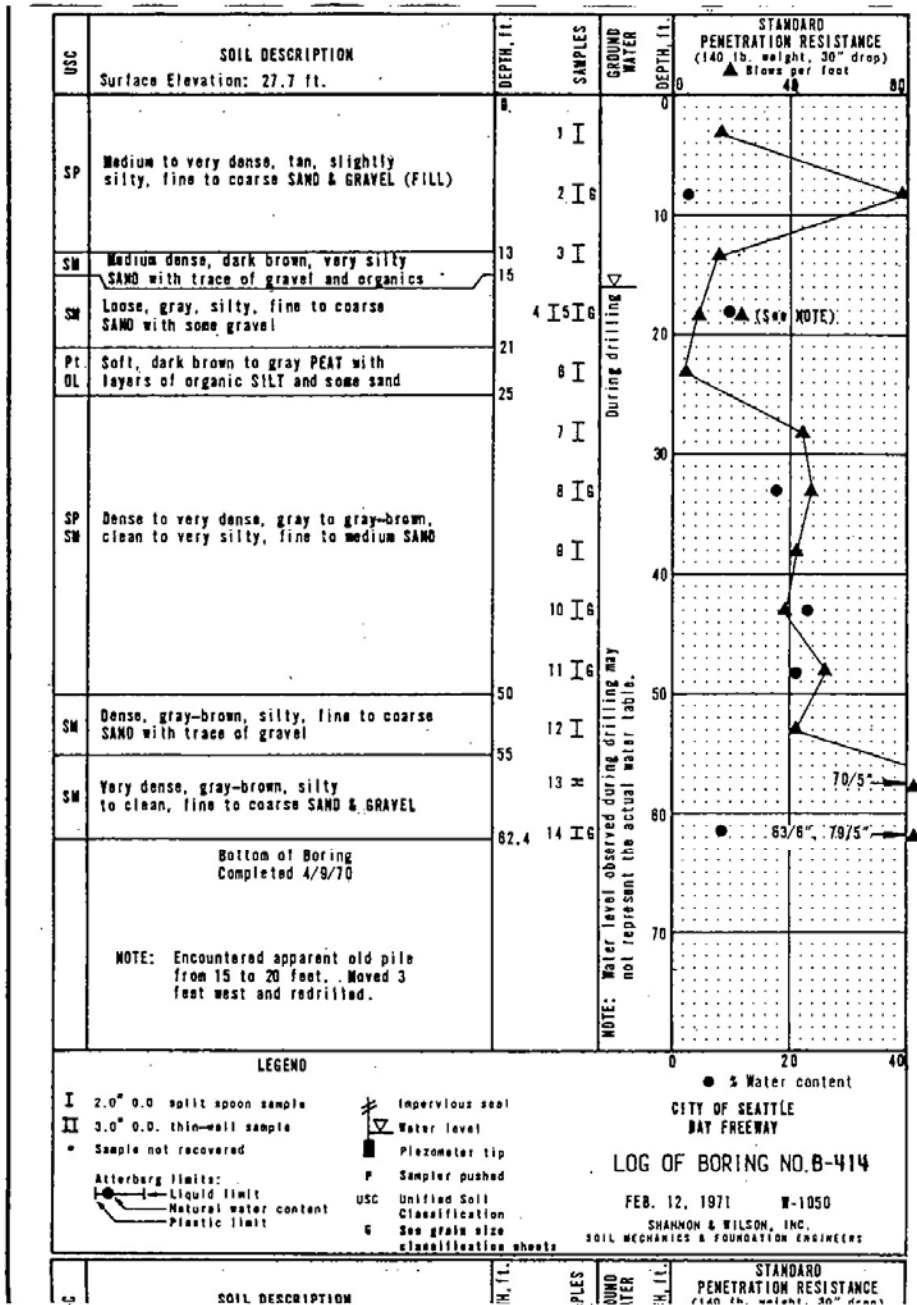
Project: Former American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: CJD
 Ecology Well Tag: N/A

Total Drilled Depth: 95 Feet
 Diameter of Boring: 6 inches
 Drill Date: 09/12/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



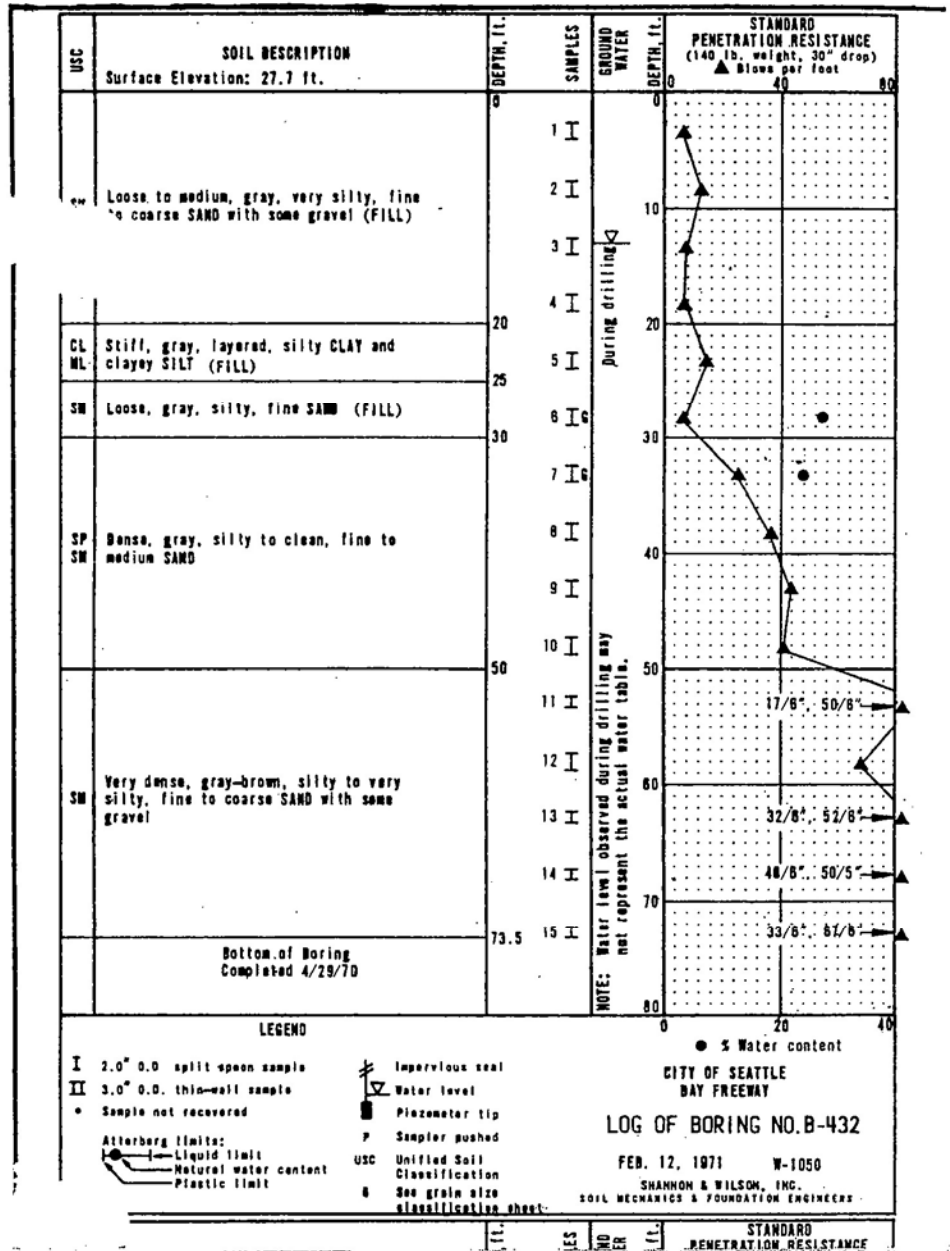
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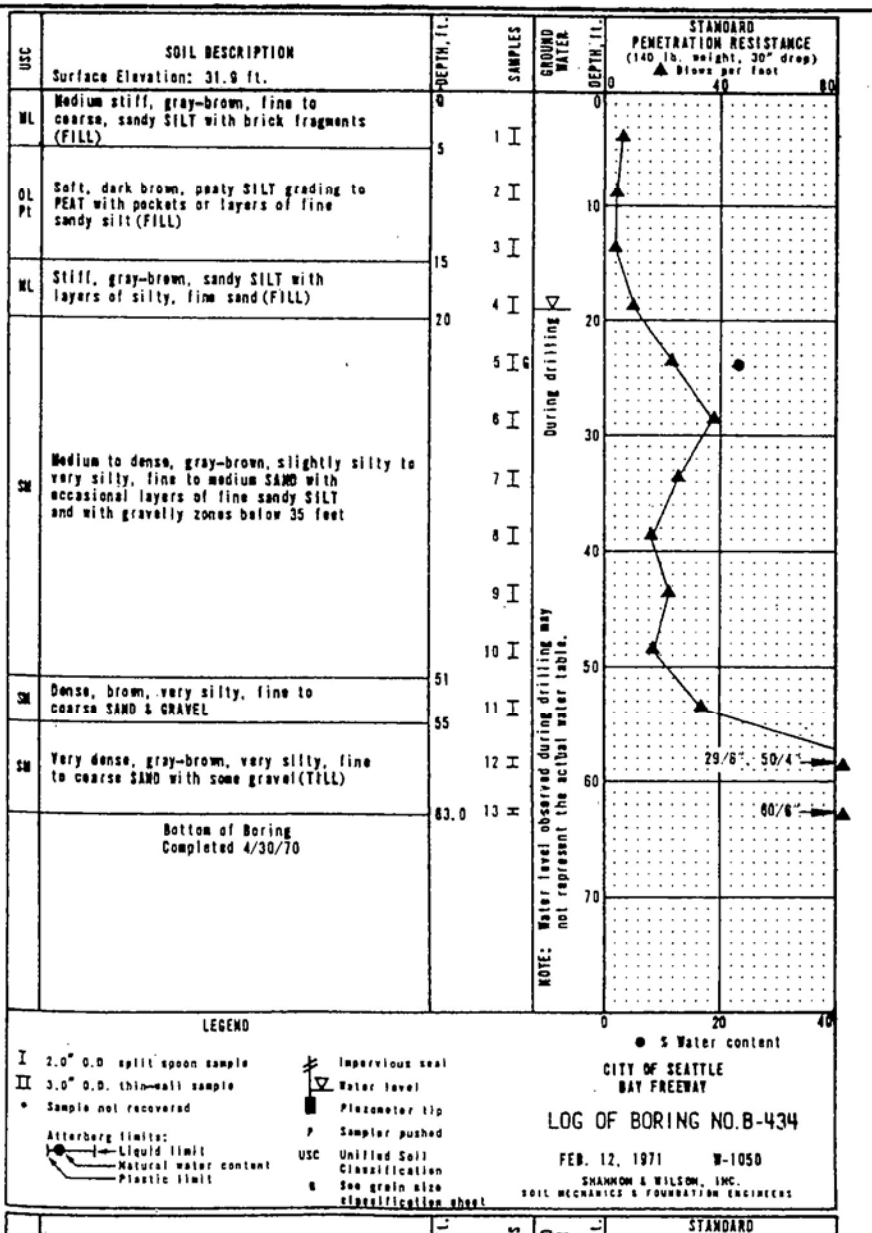


24 - 210, 211

24-210



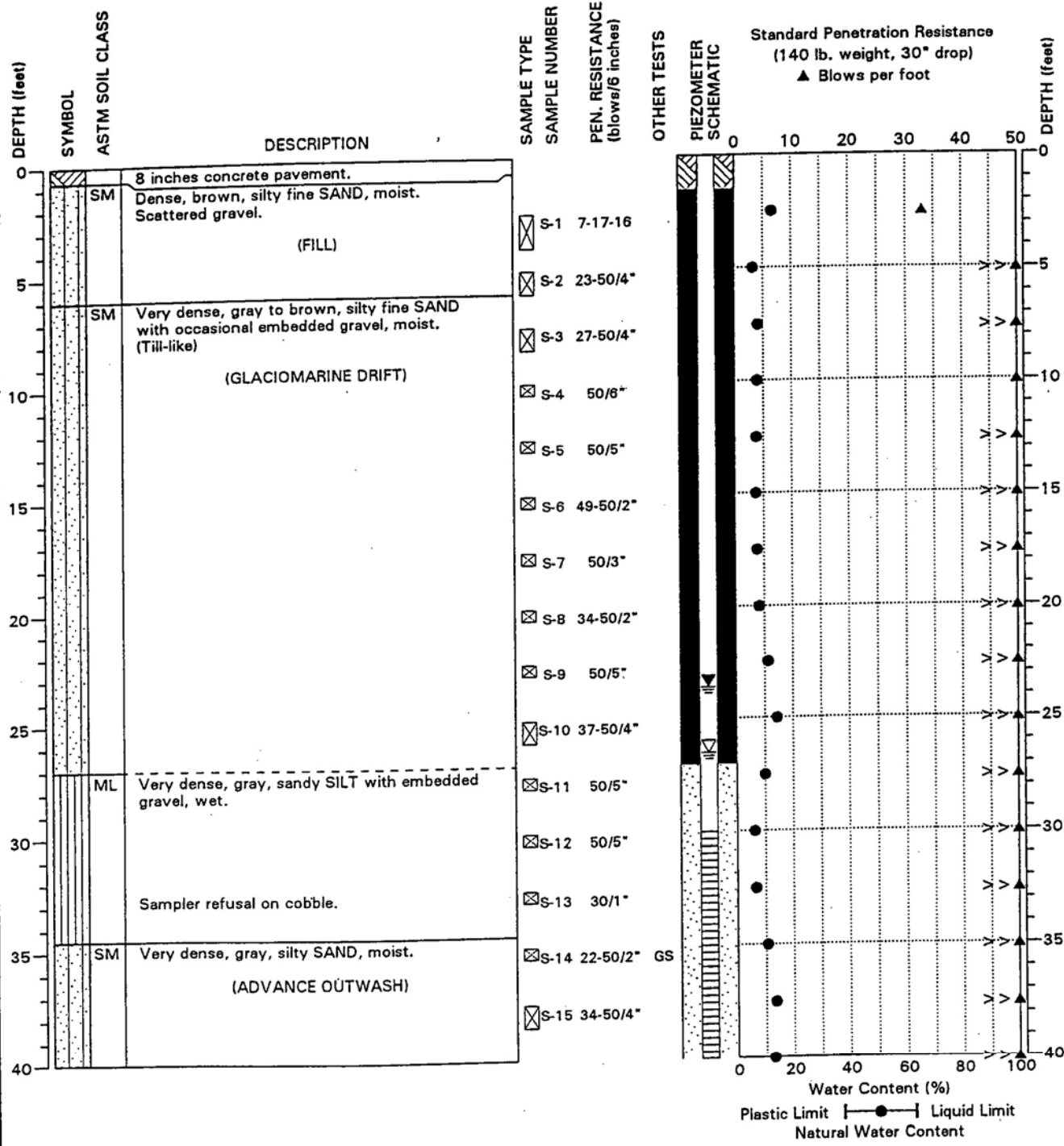
24-212



78-651

DRILLING COMPANY: Hokkaido Drilling
 DRILLING METHOD: B-61 Mobile, 4.5" ID HSA
 SURFACE ELEVATION: 146 ± Feet

LOCATION:
 DATE COMPLETED: 9/3/97
 LOGGED BY: GWE



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

BORING: BB- 5

HWA Denny Way / Lake Union CSO, Contract B
 HWAGEOSCIENCES INC. Seattle, Washington

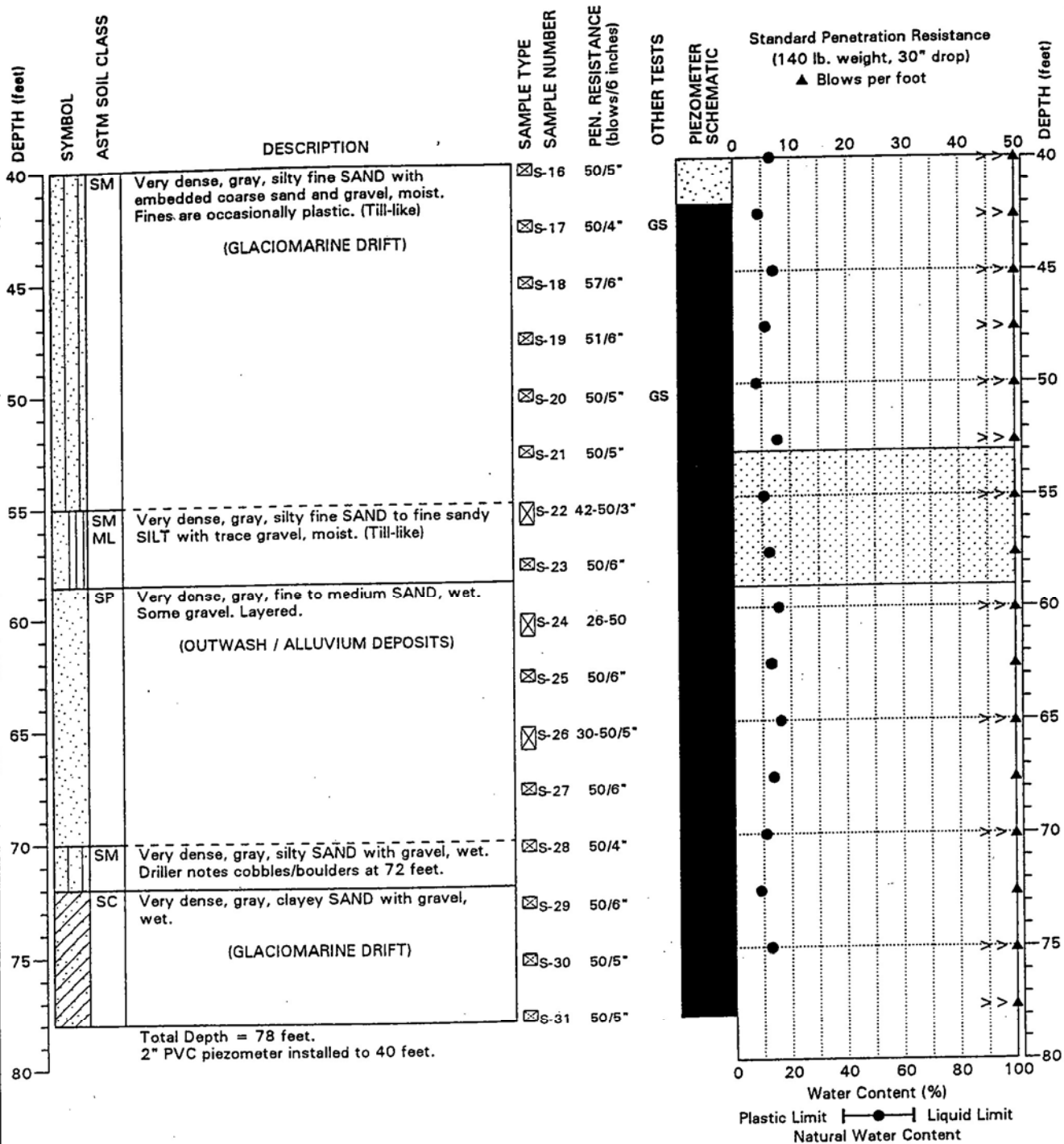
PAGE: 1 of 2

PROJECT NO.: 97061 FIGURE: A-6

PZO DWB 5/1/98

DRILLING COMPANY: Hokkaido Drilling
 DRILLING METHOD: B-61 Mobile, 4.5" ID HSA
 SURFACE ELEVATION: 146 ± Feet

LOCATION:
 DATE COMPLETED: 9/3/97
 LOGGED BY: GWE



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

BORING: BB- 5

HWA Denny Way / Lake Union CSO, Contract B
 HWAGEOSCIENCES INC. Seattle, Washington

PAGE: 2 of 2

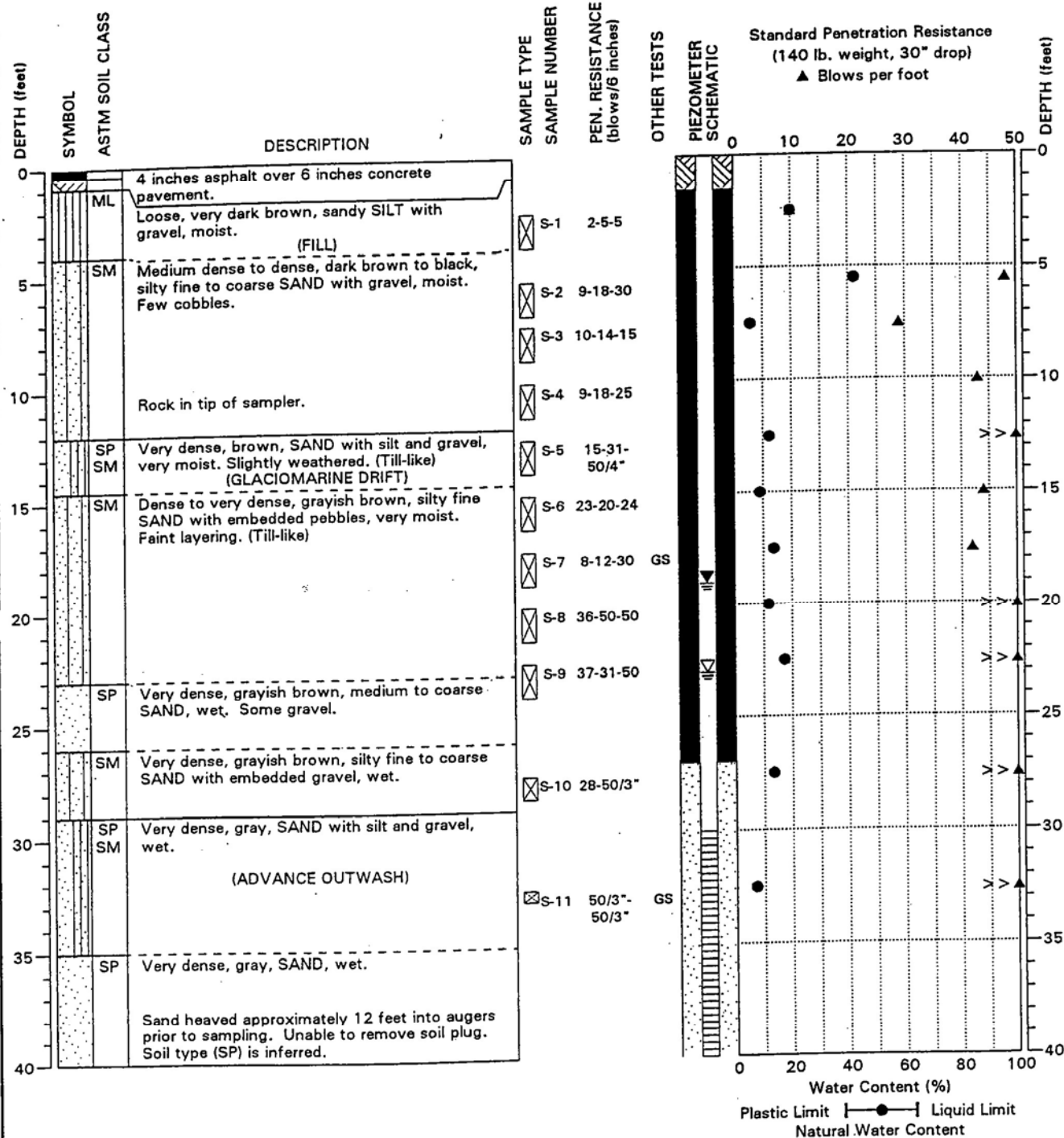
PROJECT NO.: 97061

FIGURE: A-6

78-652

DRILLING COMPANY: Hokkaido Drilling
 DRILLING METHOD: B-61 Mobile, 4.5" ID HSA
 SURFACE ELEVATION: 142 ± Feet

LOCATION:
 DATE COMPLETED: 6/6/97
 LOGGED BY: ADM



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

BORING: BB- 8

HWA Denny Way / Lake Union CSO, Contract B
 HWA GEOSCIENCES INC. Seattle, Washington

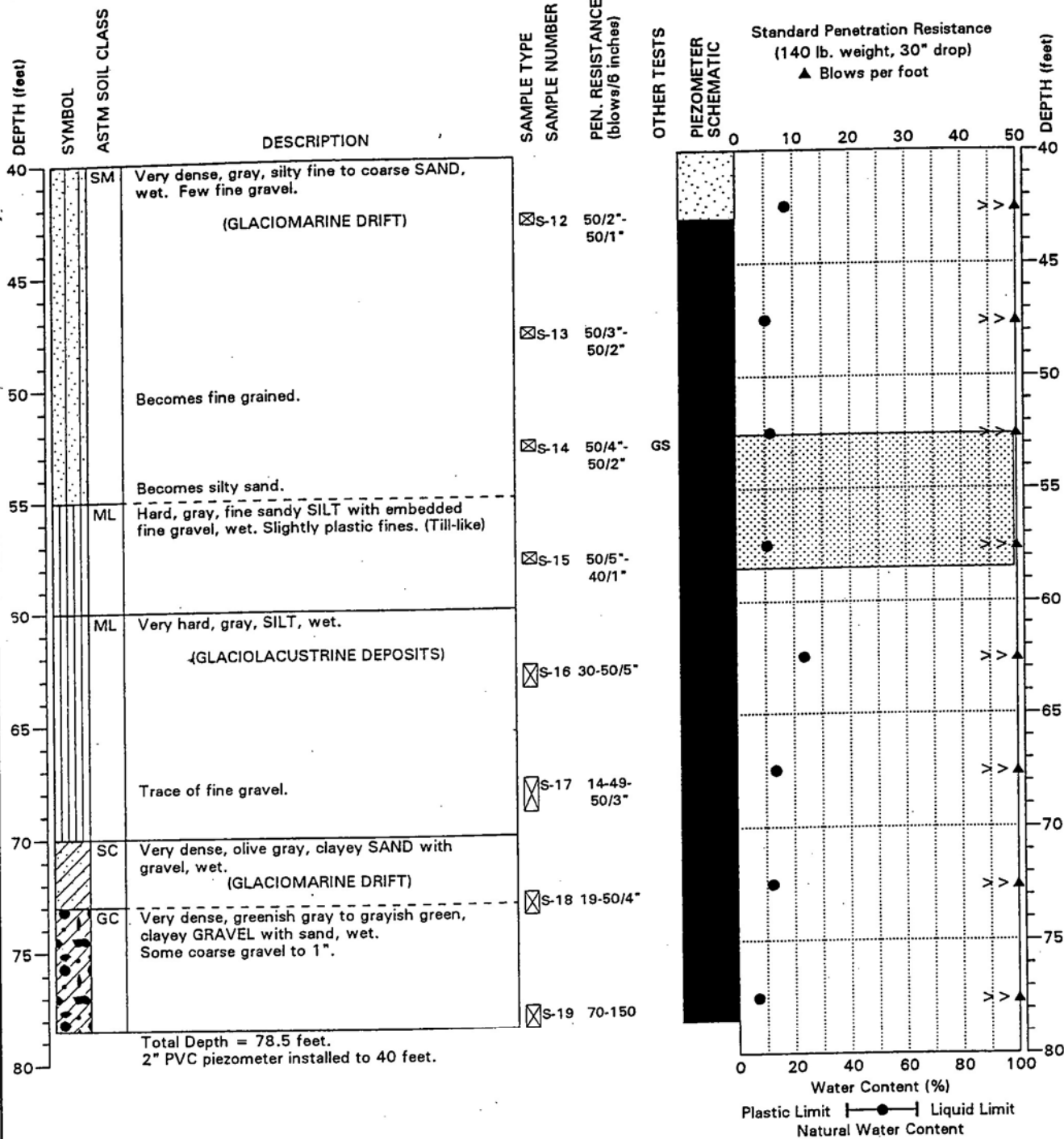
PAGE: 1 of 2

PROJECT NO.: 97061

FIGURE: A-9

DRILLING COMPANY: Hokkaido Drilling
 DRILLING METHOD: B-61 Mobile, 4.5" ID HSA
 SURFACE ELEVATION: 142 ± Feet

LOCATION:
 DATE COMPLETED: 6/6/97
 LOGGED BY: ADM



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

BORING: BB- 8

HWA Denny Way / Lake Union CSO, Contract B
 HWAGEOSCIENCES INC. Seattle, Washington

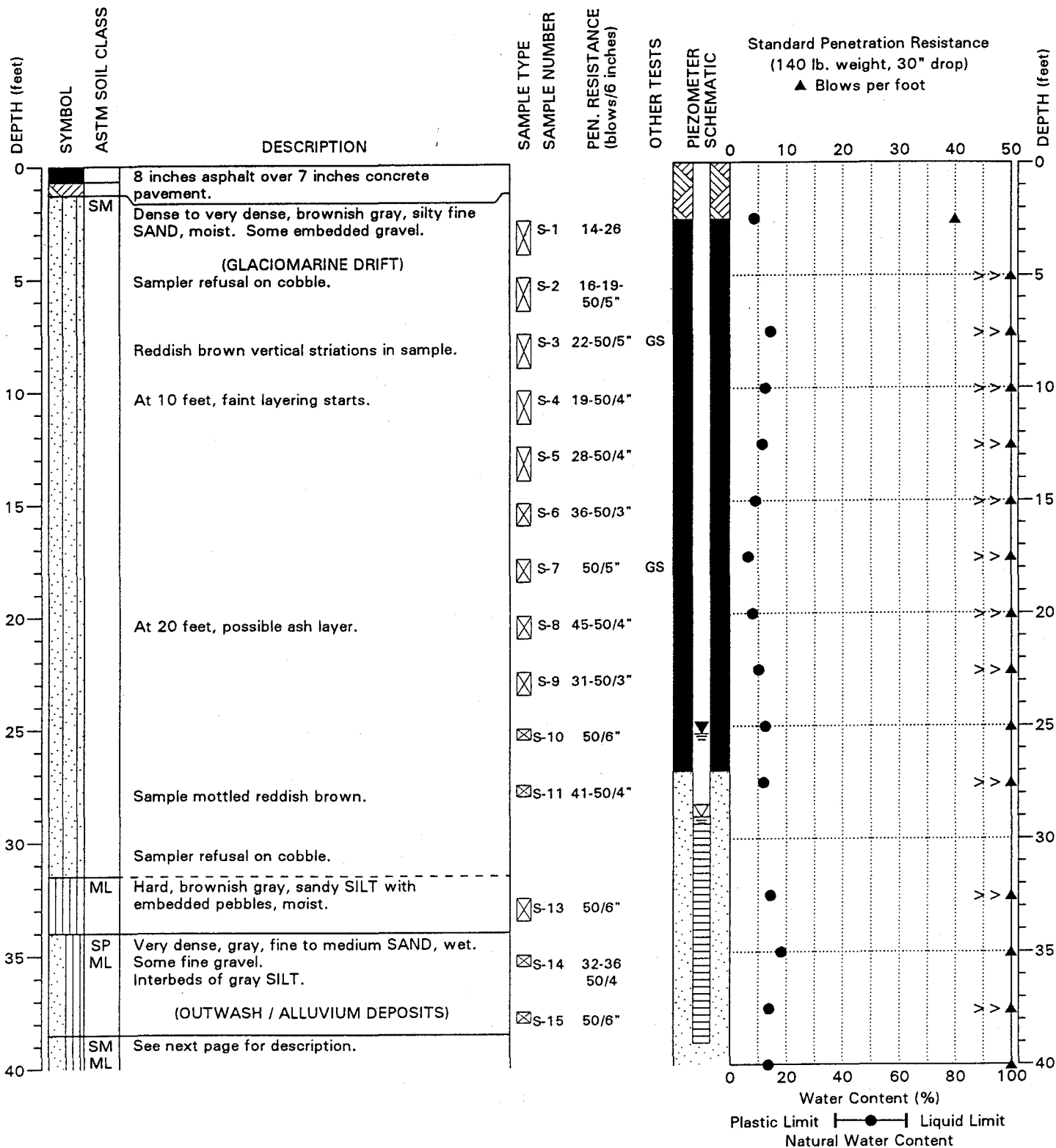
PAGE: 2 of 2

PROJECT NO.: 97061

FIGURE: A-9

DRILLING COMPANY: Hokkaido Drilling
 DRILLING METHOD: B-61 Mobile, 4.5" ID HSA
 SURFACE ELEVATION: 153 ± Feet

LOCATION:
 DATE COMPLETED: 8/29/97
 LOGGED BY: GWE

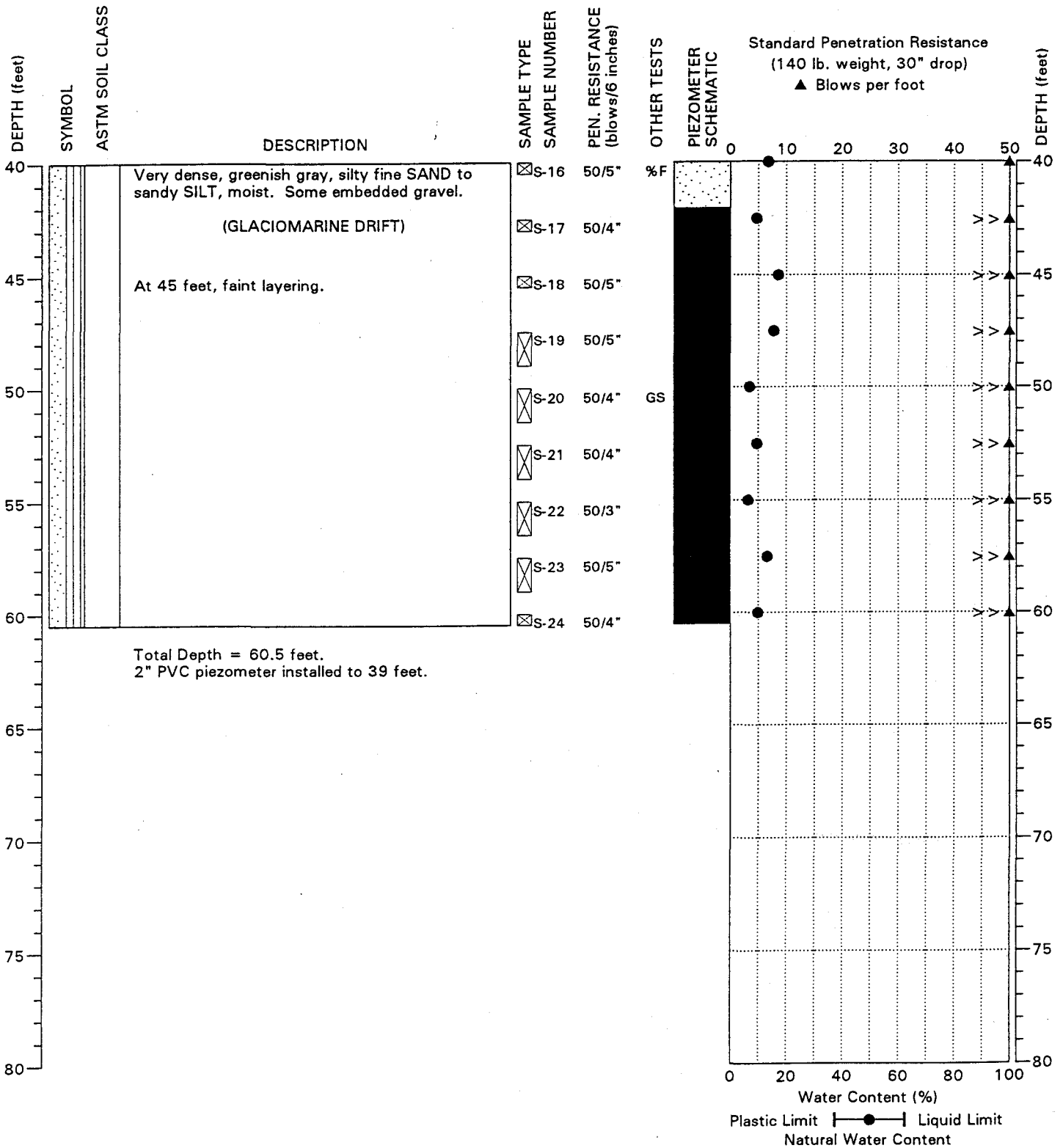


BORING: BB-10

HWA Denny Way / Lake Union CSO, Contract B
 Seattle, Washington
HWA GEOSCIENCES INC.

DRILLING COMPANY: Hokkaido Drilling
 DRILLING METHOD: B-61 Mobile, 4.5" ID HSA
 SURFACE ELEVATION: 153 ± Feet

LOCATION:
 DATE COMPLETED: 8/29/97
 LOGGED BY: GWE



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

BORING: BB-10

HWA Denny Way / Lake Union CSO, Contract B
 HWAGEOSCIENCES INC. Seattle, Washington

PAGE: 2 of 2

PROJECT NO.: 97061

FIGURE: A-10

Please print, sign and return by mail to Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. REG9958

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission (select one)

Construction

Decommission ORIGINAL INSTALLATION Notice of Intent Number _____

Consulting Firm Farallon (5545)

Unique Ecology Well ID _____

Tag No. BEE 085

Type of Well (select one)

Resource Protection
 Geotech Soil Boring

Property Owner City of Seattle

Site Address 816 Mercer ST

City Seattle County King

Location NW 1/4-1/4 SE 1/4 Sec 30 Twn 25 NR 4E BWS WWA

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee Name (Print): Thomas Crumey
Driller/Engineer/Trainee Signature Thomas Crumey
Driller or Trainee License No. 2409

If trainee, licensed driller's Signature and License No. _____

Lat/Long (s, t, r) Lat Deg _____ Lat Min/Sec _____
still REQUIRED) Long Deg _____ Long Min/Sec _____

Tax Parcel No. 224900-0006

Cased or Uncased Diameter 2" Static Level 42'

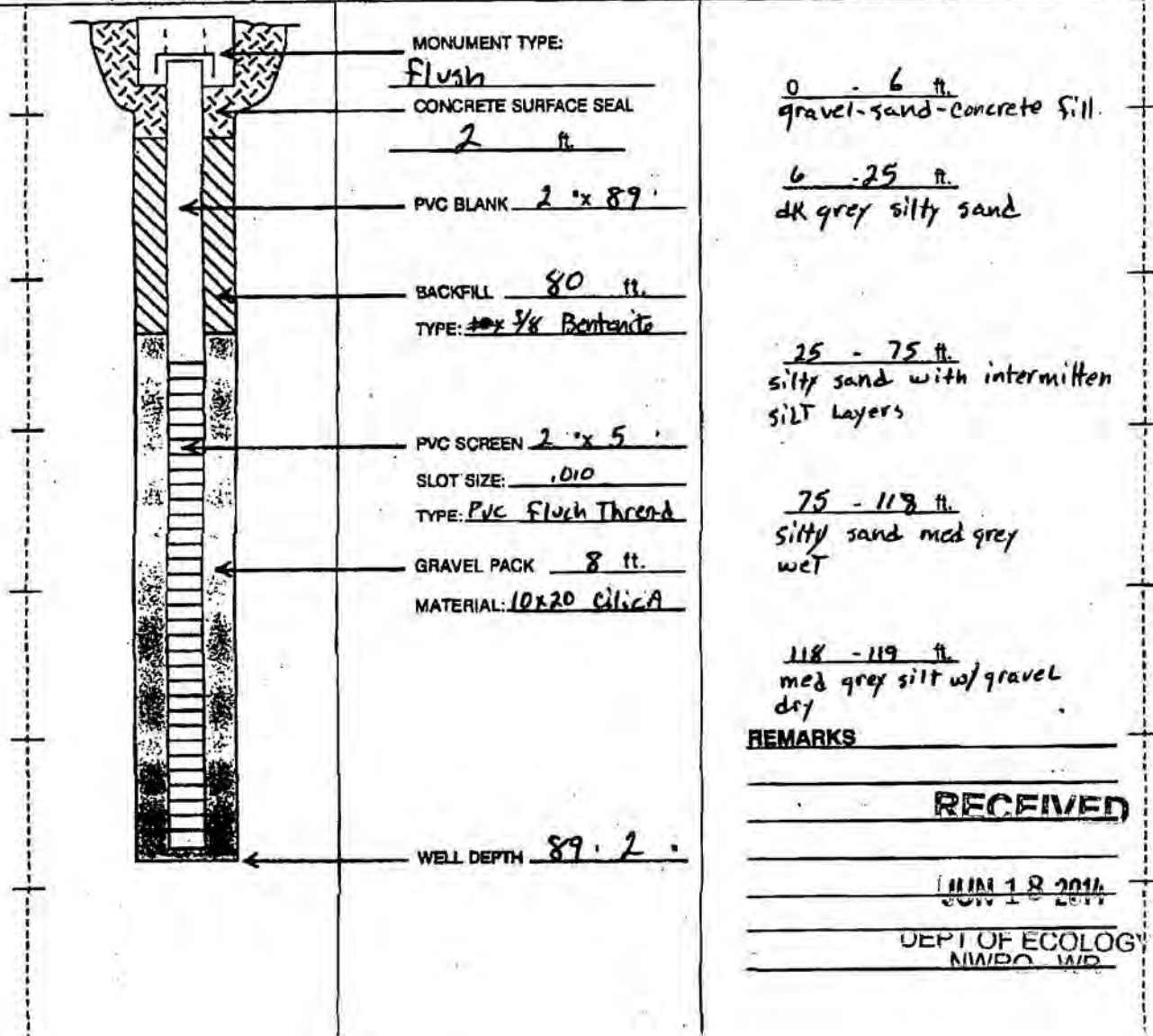
Work/Decommission Start Date 5-13-14

Work/Decommission Completed Date 5-16-14

Construction/Design

Well Data

Formation Description



RECEIVED

JUN 18 2014

DEPT OF ECOLOGY
NWBO WR

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report

LOG OF GEOPROBE

Date Started	5/14/12	Location	South end of utility trench in Dexter north of Broad Street.	Ground Elevation:	Approx. NA feet
Date Completed	5/14/12			Typical Run Length	4 feet
Total Depth (ft)	11.0	Drilling Company:	ESN Northwest	Hole Diameter:	2 inches




Depth (ft)	Probe Run	Soil Description <small>Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.</small>	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
		CONCRETE	0.5				GP-7:0-7	
		Dark gray/brown, slightly sandy SILT, trace of gravel; moist; ML.	1.2					
		Light gray/brown, slightly silty, gravelly SAND; moist; SW-SM.						
5	G							5
		Gray, slightly silty to silty, medium to fine SAND, trace of fine gravel; moist; SW-SM/SM.	7.8				GP-7:7-11	
10	G							10
		BOTTOM OF GEOPROBE COMPLETED 5/14/2012	11.0					
		- Refusal at 11 feet.						

Log: CMJ
 Rev: CMJ
 Typ: CLP
 GEOPROBE 21-21417 GPJ 21-16604 GPJ 8/22/12

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- | | | |
|---|------------------------------------|---|
|  | 2" Plastic Tube - No Soil Recovery | |
|  | 2" Plastic Tube with Soil Recovery |  |
| | Run No. | Estimated Water Level |

Mercer West Limited Environmental Characterization Report Seattle, Washington	
<h3>LOG OF GEOPROBE GP-7</h3>	
August 2012	21-1-21417-130
SHANNON & WILSON, INC. Geotechnical and Environmental Consultants	FIG. A-8

LOG OF GEOPROBE

Date Started	5/14/12	Location	South end of utility trench in Dexter north of Broad Street.	Ground Elevation:	Approx. NA feet
Date Completed	5/14/12			Typical Run Length	4 feet
Total Depth (ft)	12.0	Drilling Company:	ESN Northwest	Hole Diameter:	2 inches




Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
		CONCRETE	0.5				GP-8:0-7	
		Gray to dark gray, slightly to trace of silty, sandy GRAVEL; moist; GP-GW.						
		Light brown, slightly silty SAND; moist; SP-SM.	3.0					
		Light gray/brown, slightly to trace of silty, gravelly SAND; moist; SW.	3.8					
5	G							5
		Light brown/gray, slightly sandy to sandy SILT; moist; ML-SM/ML.	7.9				GP-8:7-12	
10	G							10
		BOTTOM OF GEOPROBE COMPLETED 5/14/2012	12.0					
		- Refusal at 12 feet.						

Log: CMJ
 Rev: CMJ
 Typ: CLP
 GEOPROBE 21-21417.GPJ 21-16604.GPJ 8/22/12

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- | | | | |
|---|------------------------------------|---|-----------------------|
|  | 2" Plastic Tube with Soil Recovery |  | Estimated Water Level |
|  | 2" Plastic Tube - No Soil Recovery | | |
- Run No.

Mercer West Limited Environmental Characterization Report Seattle, Washington	
<h3>LOG OF GEOPROBE GP-8</h3>	
August 2012	21-1-21417-130
SHANNON & WILSON, INC. Geotechnical and Environmental Consultants	FIG. A-9

LOG OF GEOPROBE

Date Started	5/14/12	Location	North end of utility trench in Dexter north of Broad Street.	Ground Elevation:	Approx. NA feet
Date Completed	5/14/12			Typical Run Length	4 feet
Total Depth (ft)	19.0	Drilling Company:	ESN Northwest	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description <small>Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.</small>	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
		CONCRETE	0.5				GP-9.0-7	
		Very dark brown, slightly sandy, gravelly SILT; moist; ML.	1.0					
		Light gray/brown, gravelly SAND, trace of silt; moist; SP.						
5	G							5
							GP-9.7-14	
		Gray, sandy GRAVEL, trace of silt; moist; GW.	9.5					
10	G							10
		Gray, gravelly SAND, trace of silt; moist; SW.	14.2				GP-9.14-19	
15	G							15
		Gray-brown, slightly sandy SILT; moist; ML.	15.8					
		Gray-brown, slightly silty, medium to fine SAND; moist; SP-SM.	16.5					
			19.0					
		BOTTOM OF GEOPROBE COMPLETED 5/14/2012						

Typ: CLP
 Rev: CMJ
 Log: CMJ
 GEOPROBE 21-21417.GPJ 21-16604.GPJ 8/22/12

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- | | | | |
|---|------------------------------------|---|-----------------------|
| 3 | 2" Plastic Tube - No Soil Recovery | | |
| 2 | 2" Plastic Tube with Soil Recovery | ∇ | Estimated Water Level |
| 1 | Run No. | | |

CONTINUED NEXT PAGE

Mercer West Limited Environmental Characterization Report Seattle, Washington	
<h3>LOG OF GEOPROBE GP-9</h3>	
August 2012	21-1-21417-130
SHANNON & WILSON, INC. Geotechnical and Environmental Consultants	FIG. A-10 Sheet 1 of 2

LOG OF GEOPROBE

Date Started	5/12/17	Location	E of Existing UST in NW Parking Lot	Ground Elevation:	Approx. NA feet
Date Completed	5/12/17			Typical Run Length	5 feet
Total Depth (ft)	10.2	Drilling Company:	Holt	Hole Diameter:	2 inches

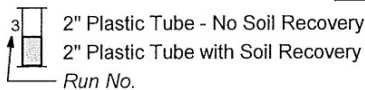
Depth (ft)	Probe Run	Soil Description <small>Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.</small>	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
1	1	Olive, coarse Sand (SP); dry. (Fill)		●	0.2			
		Light, gray-brown, fine, Silty Sand (SM); dry.	3.0	■		None Observed During Drilling		
5	2	Very hard, light gray, Silty Sand (SM); dry; slight hydrocarbon odor at 9 feet.	8.0	■	0			
10	3	BOTTOM OF GEOPROBE COMPLETED 5/12/2017	10.2		0		21416-MB1:9	10

GEOPROBE WELL 21-21417-206.GPJ 21-20447.GPJ 12/29/17
 Log: BON Rev: BON Typ: LKN

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND



Mercer Corridor Project Broad Megablock Phase II Seattle, Washington	
LOG OF GEOPROBE 21417-MB1	
January 2018	21-1-21417-206
SHANNON & WILSON, INC. <small>Geotechnical and Environmental Consultants</small>	FIG. A-2

LOG OF GEOPROBE



Date Started	5/12/17	Location	15 Ft NE of Central Power Pole in NW Parking Lot	Ground Elevation:	Approx. NA feet
Date Completed	5/12/17			Typical Run Length	5 feet
Total Depth (ft)	10.0	Drilling Company:	Holt	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
	1	Asphalt.	0.5					
		Olive, coarse Sand Fill with Gravel (SP); dry.			0		21417-MB2:1	
	2	Hard, gray-brown, fine, Silty Sand (SM); dry.	5.0			None Observed During Drilling		5
		Very hard, light gray, Silty Sand (SM); dry; hydrocarbon odor from 9.5 to 10 feet.	9.0		0			
		BOTTOM OF GEOPROBE COMPLETED 5/12/2017	10.0				21417-MB2:10	10

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- | | |
|---|------------------------------------|
|  | 2" Plastic Tube - No Soil Recovery |
|  | 2" Plastic Tube with Soil Recovery |
- Run No.

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB2

January 2018

21-1-21417-206

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

FIG. A-3

GEOPROBE WELL 21-21417-206.GPJ 21-20447.GPJ 12/29/17 Log: BON Rev: BON Typ: LKN

LOG OF GEOPROBE

Date Started	5/12/17	Location	SW Corner Near Conex Containers
Date Completed	5/12/17	Ground Elevation:	Approx. NA feet
Total Depth (ft)	29.0	Typical Run Length	5 feet
Drilling Company:	Holt	Hole Diameter:	2 inches

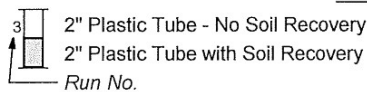
Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
		<i>Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.</i>						
1		Asphalt.	0.5					
		Olive, coarse Sand (SP) fill with few gravels; moist at 18 feet.					21417-MB3:1	
5	2				0.1	None Observed During Drilling		5
					0.1			
10	3				0.2			10
					0.1			
15	4				0.1			15

CONTINUED NEXT PAGE

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND



Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB3

January 2018

21-1-21417-206

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FIG. A-4
Sheet 1 of 2

GEOPROBE WELL 21-21417-206.GPJ 21-20447.GPJ 12/29/17 Log: BON Rev: BON Typ: LKN

LOG OF GEOPROBE

Date Started	5/12/17	Location	SW Corner Near Conex Containers	Ground Elevation:	Approx. NA feet
Date Completed	5/12/17			Typical Run Length	5 feet
Total Depth (ft)	29.0	Drilling Company:	Holt	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
		Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.						
5	5			0.1			21417-MB3:20	
25	6	Light gray-brown, fine, Silty Sand (SM) with clay lense at 25 feet; moist.	24.0	0.1				25
30		BOTTOM OF GEOPROBE COMPLETED 5/12/2017	29.0					30

GEOPROBE WELL 21-21417-206.GPJ 21-20447.GPJ 12/29/17
Log: BON Rev: BON Typ: LKN

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- 2" Plastic Tube - No Soil Recovery
 - 2" Plastic Tube with Soil Recovery
- Run No.

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB3

January 2018

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SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

FIG. A-4
Sheet 2 of 2

LOG OF GEOPROBE

Date Started	5/12/17	Location	SW Corner Near Fill Stockpiles
Date Completed	5/12/17	Ground Elevation:	Approx. NA feet
Total Depth (ft)	25.0	Typical Run Length	5 feet
Drilling Company:		Holt	
		Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
	1	Asphalt.	0.5					
		Olive, coarse Sand (SP) fill with few gravels; dry.			0			
		Gray, coarse Sand (SM) fill with few gravels; moist.	4.0					
5	2	Olive, coarse Sand (SM) fill with few gravels; moist.	5.0		0			5
10	3				0			10
15	4	Gray Clay (CH).	15.0		0			15
		Light gray-brown, fine, Silty Sand (SM) with coarse sand lense; slight hydrocarbon odor at 24 feet.	18.0		0			

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- 2" Plastic Tube - No Soil Recovery
- 2" Plastic Tube with Soil Recovery
- Run No.
- Ground Water Level ATD

CONTINUED NEXT PAGE

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB4

January 2018

21-1-21417-206

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

FIG. A-5
Sheet 1 of 2

GEOPROBE WELL 21-21417-206.GPJ 21-20447.GPJ 12/29/17 Log: BON Rev: BON Typ: LKN

LOG OF GEOPROBE

Date Started	5/12/17	Location	SW Corner Near Fill Stockpiles	Ground Elevation:	Approx. NA feet
Date Completed	5/12/17			Typical Run Length	5 feet
Total Depth (ft)	25.0	Drilling Company:	Holt	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
5	1	<i>Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.</i>		0			21417-MB4:24 21417-MB4:GW	
25		BOTTOM OF GEOPROBE COMPLETED 5/12/2017	25.0			During Drilling		25
30								30
35								35

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- 2" Plastic Tube with Soil Recovery
- 2" Plastic Tube - No Soil Recovery
- Ground Water Level ATD

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB4

January 2018

21-1-21417-206

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

FIG. A-5
Sheet 2 of 2

GEOPROBE WELL: 21-21417-206.GPJ 21-20447.GPJ 12/29/17 Log: BON Rev: BON Typ: LKN

LOG OF GEOPROBE



Date Started	5/12/17	Location	Approximate Center of West Half of Site	Ground Elevation:	Approx. NA feet
Date Completed	5/12/17			Typical Run Length	5 feet
Total Depth (ft)	10.0	Drilling Company:	Holt	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description <small>Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.</small>	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
1	1	Olive, coarse Sand (SP) fill with little gravels; asphalt at 3 inches.		0		None Observed During Drilling	21417-MB5:9	
5	2	Light gray-brown, Silty Sand (SM) with few gravels; moist.	7.0	0				
10		BOTTOM OF BORING COMPLETED 5/12/2017	10.0					

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- 3  2" Plastic Tube - No Soil Recovery
 -  2" Plastic Tube with Soil Recovery
- Run No.

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB5

January 2018

21-1-21417-206

SHANNON & WILSON, INC.
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FIG. A-6

GEOPROBE WELL: 21-21417-206.GPJ 21-20447.GPJ 12/29/17 Log: BON Rev: BON Typ: LKN

LOG OF GEOPROBE

Date Started	5/11/17	Location	Center Section, North	Ground Elevation:	Approx. NA feet
Date Completed	5/11/17			Typical Run Length	5 feet
Total Depth (ft)	15.0	Drilling Company:	Holt	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
		Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.						
	1	Olive, coarse Sand (SP) fill with some gravels; dry.	0.0	•••••				
		Olive, Silty Sand (SM); dry.	2.0	•••••	0			
		Olive, Silty Sand (SM) with trace gravels; gray vein at 9 feet; dry.	3.0	•••••				
5	2			•••••		None Observed During Drilling		5
				•••••	0			
10	3	Olive, Silty Sand (SM) with trace gravels; dry. Refusal at 15 feet.	10.0	•••••			21417-MB6:9	10
				•••••	0			
15		BOTTOM OF GEOPROBE COMPLETED 5/11/2017	15.0	•••••				15

GEOPROBE WELL 21-21417-206.GPJ 21-20447.GPJ 12/29/17
 Log: BON Rev: BON Typ: LKN

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- | | |
|---|------------------------------------|
| 3 | 2" Plastic Tube - No Soil Recovery |
| 1 | 2" Plastic Tube with Soil Recovery |
- Run No.

Mercer Corridor Project Broad Megablock Phase II Seattle, Washington	
LOG OF GEOPROBE 21417-MB6	
January 2018	21-1-21417-206
SHANNON & WILSON, INC. Geotechnical and Environmental Consultants	FIG. A-7

LOG OF GEOPROBE

Date Started	5/11/17	Location	Center Section, South
Date Completed	5/11/17	Ground Elevation:	Approx. NA feet
Total Depth (ft)	12.0	Typical Run Length	5 feet
		Drilling Company:	Holt
		Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
		Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.						
1		Olive, coarse Sand (SP) fill with some gravel; dry.		•••••				
2.0		Hard, olive, Silty Sand (SM) with few gravels; slightly moist at 8 feet; dry. Refusal at 12 feet.	2.0	•••••	0.3	None Observed During Drilling		
5	2			•••••	0.1			5
10	3			•••••	0.1		21417-MB7:11	10
12.0		BOTTOM OF GEOPROBE COMPLETED 5/11/2017	12.0	•••••	0.1			12.0

GEOPROBE WELL: 21-21417-206.GPJ 21-20447.GPJ 12/29/17
 Log: BON Rev: BON Typ: LKN

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- 2" Plastic Tube - No Soil Recovery
 - 2" Plastic Tube with Soil Recovery
- Run No.

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB7

January 2018

21-1-21417-206

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

FIG. A-8

LOG OF GEOPROBE

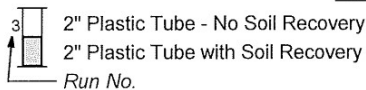
Date Started	5/11/17	Location	North of Sediment Ponds Near 802 Roy	Ground Elevation:	Approx. NA feet
Date Completed	5/11/17			Typical Run Length	5 feet
Total Depth (ft)	28.0	Drilling Company:	Holt	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
1		Olive, coarse Sand (SP) fill with organics; dry.	1.0	0		None Observed During Drilling		1
		Olive-gray, coarse Sand (SP) fill with some gravels; dry.		0.1				5
5	2			0.1				10
10	3	Olive, Silty Sand (SM) with few gravels, getting harder with depth; moist at 13 feet.	11.0	0.1				15
15	4			0				

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND



CONTINUED NEXT PAGE

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB8

January 2018

21-1-21417-206

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

FIG. A-9
Sheet 1 of 2

GEOPROBE WELL 21-21417-206.GPJ 21-20447.GPJ 12/29/17 Log: BON Rev: BON Typ: LKN

LOG OF GEOPROBE

Date Started	5/11/17	Location	North of Sediment Ponds Near 802 Roy	Ground Elevation:	Approx. NA feet
Date Completed	5/11/17			Typical Run Length	5 feet
Total Depth (ft)	28.0	Drilling Company:	Holt	Hole Diameter:	2 inches

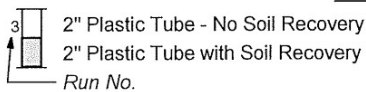
Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
5	6	<p>Soil Description</p> <p><i>Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.</i></p>		0.1				
25				0			21417-MB8:27	25
		<p>BOTTOM OF GEOPROBE COMPLETED 5/11/2017</p>	28.0					
30								30
35								35

GEOPROBE WELL 21-21417-206.GPJ 21-20447.GPJ 12/29/17
 Log: BON Rev: BON Typ: LKN

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND



Mercer Corridor Project Broad Megablock Phase II Seattle, Washington	
<h3>LOG OF GEOPROBE 21417-MB8</h3>	
January 2018	21-1-21417-206
SHANNON & WILSON, INC. Geotechnical and Environmental Consultants	FIG. A-9 Sheet 2 of 2

LOG OF GEOPROBE

Date Started	5/11/17	Location	NE Corner	Ground Elevation:	Approx. NA feet
Date Completed	5/11/17			Typical Run Length	5 feet
Total Depth (ft)	25.0	Drilling Company:	Holt	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
1	1	Olive-gray, coarse Sand (SP) fill with some gravels; organics on top 1 inch.		0				
5	2			0				5
10	3	Olive-brown, Well-graded Gravel (GW) with some coarse sand; dry.	10.0	0.1			21417-MB9:13	10
15	4			0.1		During Drilling [∇]	21417-MB9:GW	15
18.0		Light gray, Silty Sand (SM) getting finer with depth; moist at 22 feet; coarse sand vein at 24.5 feet.	18.0					

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- 2" Plastic Tube - No Soil Recovery
- 2" Plastic Tube with Soil Recovery
- Run No.
- Ground Water Level ATD

CONTINUED NEXT PAGE

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB9

January 2018

21-1-21417-206

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

FIG. A-10
Sheet 1 of 2

GEOPROBE WELL 21-21417-206.GPJ 21-20447.GPJ 12/29/17 Log: BON Rev: BON Typ: LKN

LOG OF GEOPROBE

Date Started	5/11/17	Location	NE Corner	Ground Elevation:	Approx. NA feet
Date Completed	5/11/17			Typical Run Length	5 feet
Total Depth (ft)	25.0	Drilling Company:	Holt	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description <small>Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.</small>	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
5								
25		BOTTOM OF GEOPROBE COMPLETED 5/11/2017	25.0		0.1		21417-MB9:22	25
30								30
35								35

GEOPROBE WELL 21-21417-206.GPJ 21-20447.GPJ 12/29/17 Log: BON Rev: BON Typ: LKN

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- 2" Plastic Tube - No Soil Recovery
- 2" Plastic Tube with Soil Recovery
- Run No.
- Ground Water Level ATD

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB9

January 2018

21-1-21417-206

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

FIG. A-10
Sheet 2 of 2

LOG OF GEOPROBE

Date Started	5/11/17	Location	E Border, Center	Ground Elevation:	Approx. NA feet
Date Completed	5/11/17			Typical Run Length	5 feet
Total Depth (ft)	30.0	Drilling Company:	Holt	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
1	1	Olive, coarse Sand (SP) fill with few gravels; dry.		0				
5	2			0				5
10	3			0.1				10
15	4	Light gray, Silty Sand (SM) with few gravels; moist at 15 feet; organics at 21 feet; sand vein at 28 feet; slight blue tint at soil-water interface.	13.0	0.1				15

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- 2" Plastic Tube with Soil Recovery
- 2" Plastic Tube - No Soil Recovery
- Run No.
- Ground Water Level ATD

CONTINUED NEXT PAGE

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB10

January 2018

21-1-21417-206

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

FIG. A-11
Sheet 1 of 2

GEOPROBE WELL 21-21417-206.GPJ 21-20447.GPJ 12/29/17 Log: BOW Rev: BOW Typ: LKN

LOG OF GEOPROBE

Date Started	5/11/17	Location	E Border, Center	Ground Elevation:	Approx. NA feet
Date Completed	5/11/17			Typical Run Length	5 feet
Total Depth (ft)	30.0	Drilling Company:	Holt	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
5		Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.		o				
25	6				o			
30		BOTTOM OF GEOPROBE COMPLETED 5/11/2017	30.0			During Drilling ∇	21417-MB10:28 21417-MB10:GW	30
35								35

GEOPROBE WELL: 21-21417-206.GPJ 21-20447.GPJ 12/29/17
 Log: BON Rev: BON Typ: LKN

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- 2" Plastic Tube with Soil Recovery
- 2" Plastic Tube - No Soil Recovery
- Run No.
- Ground Water Level ATD

Mercer Corridor Project Broad Megablock Phase II Seattle, Washington	
LOG OF GEOPROBE 21417-MB10	
January 2018	21-1-21417-206
SHANNON & WILSON, INC. Geotechnical and Environmental Consultants	FIG. A-11 Sheet 2 of 2

LOG OF GEOPROBE

Date Started	5/11/17	Location	SE Corner of Site	Ground Elevation:	Approx. NA feet
Date Completed	5/11/17			Typical Run Length	5 feet
Total Depth (ft)	25.0	Drilling Company:	Holt	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
1	1	Light gray and dark green, coarse Sand (SP) fill with organics at top; dry.	1.5	0				1.5
5	2	Olive, coarse Sand (SP) fill with few gravels; dry.	9.0	0				9.0
10	3	Light gray, Silty Sand (SM) with few gravel; moist at 19.5 feet.		0				15
15	4			0				20

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- 2" Plastic Tube - No Soil Recovery
- 2" Plastic Tube with Soil Recovery
- Run No.
- Ground Water Level ATD

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Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB11

January 2018

21-1-21417-206

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

FIG. A-12
Sheet 1 of 2

GEOPROBE WELL 21-21417-206.GPJ 21-20447.GPJ 12/29/17 Log: BON Rev: BON Typ: LKN

LOG OF GEOPROBE

Date Started	5/11/17	Location	SE Corner of Site	Ground Elevation:	Approx. NA feet
Date Completed	5/11/17			Typical Run Length	5 feet
Total Depth (ft)	25.0	Drilling Company:	Holt	Hole Diameter:	2 inches

Depth (ft)	Probe Run	Soil Description <small>Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.</small>	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
5	5	Light gray, Silty Sand (SM); wet at 23 feet; hard silt layer with tree root at 22 feet.	20.0	[Symbol]	0	During Drilling [Symbol]	21417-MB11:GW @ 1000 21417-MB11:23 @ 945	
25		BOTTOM OF GEOPROBE COMPLETED 5/11/2017	25.0					25
30								30
35								35

NOTES

1. In some cases where recovery was low in the upper part of the run, the soil sample may have slid down in the tube prior to removal from the ground.
2. Groundwater level, if indicated above, was estimated during probing and should be considered approximate.
3. Refer to KEY for definitions and explanation of symbols.
4. CT = corrosion test sample; TR = thermal resistivity sample; EN = environmental sample; GE = geotechnical sample; AR = archeological sample.

LEGEND

- 2" Plastic Tube - No Soil Recovery
- 2" Plastic Tube with Soil Recovery
- Run No.
- Ground Water Level ATD

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB11

January 2018

21-1-21417-206

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

FIG. A-12
Sheet 2 of 2

GEOPROBE WELL: 21-21417-206.GPJ 21-20447.GPJ 12/29/17
Log: BON Rev: BON Typ: LKN



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/13/12
Surface Conditions: Concrete
Well Location N/S: 36.2' south of SE corner of 700 Dexter property
Well Location E/W: 79.3' east of SE corner of 700 Dexter property
Reviewed by: CCC
Date Completed: 8/13/12

BORING LOG | **B105**
 MW105

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 21 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0						Concrete		Concrete and brick surfacing.	
			80			SM (FILL)		Damp, dense, silty fine SAND with gravel, brown, no solvent or hydrocarbon odor (25-60-15). Fill material.	
						SM (FILL)		Damp, dense, silty fine SAND with gravel, brown, no solvent or hydrocarbon odor (25-60-15).	
5				0.1		SM (FILL)		Damp, dense, silty fine SAND with gravel, brown, no solvent or hydrocarbon odor (25-60-15).	
				0.0		SM (FILL)		Damp, dense, silty SAND with gravel, asphalt debris, black, no solvent or hydrocarbon odor (25-60-15). Fill material.	
			100			SM (FILL)		Damp, dense, silty SAND with gravel, dark gray, no solvent or hydrocarbon odor (25-70-5).	
				0.1		SM (FILL)		Damp, loose, silty SAND with gravel, brown, no solvent or hydrocarbon odor (15-80-5). Fill material.	
10				0.0	B105-10	SM (FILL)		Damp, loose, silty SAND with gravel, brown, no solvent or hydrocarbon odor (15-80-5). Fill material.	
				0		SM (FILL)		Damp, dense, SILT with gravel, dark brown, no solvent or hydrocarbon odor (25-60-15). Fill material.	
			100			SM (FILL)		Damp, dense, silty SAND with gravel, dark brown, no solvent or hydrocarbon odor (25-60-15). Brick.	
				0.0		SM-SP (FILL)		Damp, dense, medium fine SAND with silt, reddish brown, no solvent or hydrocarbon odor (10-80-10). Fill material.	
15				0.0		SM-SP (FILL)		Damp, dense, medium fine SAND with silt and gravel, reddish brown, no solvent or hydrocarbon odor (10-80-10). Fill material.	

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 018

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/13/12
Surface Conditions: Concrete
Well Location N/S: 36.2' south of SE corner of 700 Dexter property
Well Location E/W: 79.3' east of SE corner of 700 Dexter property
Reviewed by: CCC
Date Completed: 8/13/12

BORING LOG | **B105**
 MW105

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 21 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15				0.0		SM		Damp, dense, silty SAND with gravel, trace cobbles, brown, no solvent or hydrocarbon odor (25-65-10).	
			100	0.0		SM		Damp, dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (25-65-10).	
				0.0		SM-SP		Damp, dense, medium fine SAND with silt and gravel, brown, no solvent or hydrocarbon odor (15-70-15).	
				0.0		SM-SP		Damp, dense, medium to fine SAND with silt and gravel, brown, no solvent or hydrocarbon odor (15-70-15).	
20				0.0	B105-20	SM		Wet, loose, silty SAND with gravel, grayish brown, no solvent or hydrocarbon odor (20-70-10).	
			100	0.0		SM		Wet, loose, silty SAND with gravel, grayish brown, no solvent or hydrocarbon odor (20-70-10).	
				0.0		SP-SM		Moist, loose, medium to fine SAND with silt and gravel, brown, no solvent or hydrocarbon odor (10-80-10).	
				0.0		SP-SM		Moist, loose, medium to fine SAND with gravel and silt, brown, no solvent or hydrocarbon odor (10-80-10).	
25				0.1		SM		Dry, very dense, silty fine SAND with gravel, grayish brown, cohesive, no solvent or hydrocarbon odor (25-60-15).	
			100	1.1		SM		Dry, very dense, silty fine SAND with gravel, grayish brown, cohesive, no solvent or hydrocarbon odor (25-60-15).	
				1.1		SM		Dry, very dense, silty fine SAND with gravel, grayish brown, cohesive, no solvent or hydrocarbon odor (35-45-20).	
30				2.7		SM		Dry, very dense, silty fine SAND with gravel, grayish brown, cohesive, no solvent or hydrocarbon odor (35-45-20).	

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 018

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/13/12
Surface Conditions: Concrete
Well Location N/S: 36.2' south of SE corner of 700 Dexter property
Well Location E/W: 79.3' east of SE corner of 700 Dexter property
Reviewed by: CCC
Date Completed: 8/13/12

BORING LOG | **B105**
 MW105

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 21 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30				0.0	B105-30	SM		Wet, loose, silty SAND with gravel, gray, no solvent or hydrocarbon odor (25-70-5).	
			100	0.5		SM		Wet, loose, silty SAND with gravel, gray, no solvent or hydrocarbon odor (25-70-5).	
				0.1		SM		Moist, very loose, silty SAND with gravel, cohesive gray, no solvent or hydrocarbon odor (30-55-15).	
				1.2		SM		Wet, loose, silty SAND with gravel, gray, no solvent or hydrocarbon odor (35-55-10).	
35				0.0		SM		Wet, loose, silty SAND with gravel, gray, no solvent or hydrocarbon odor (25-75-5).	
			50	0.0		SM		Wet, loose, silty SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
				0.0		SM		Damp, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-55-10).	
				0.0		SM		Damp, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-55-10).	
40				0.0	B105-40	SM		Moist, very dense, silty SAND with gravel and cobbles, gray, no solvent or hydrocarbon odor (35-60-5).	
				0.0		SM		Moist, very dense, silty SAND with gravel and cobbles, gray, no solvent or hydrocarbon odor (35-60-5).	
			50	2.2				No recovery.	
45									

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 018

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/13/12
Surface Conditions: Concrete
Well Location N/S: 36.2' south of SE corner of 700 Dexter property
Well Location E/W: 79.3' east of SE corner of 700 Dexter property
Reviewed by: CCC
Date Completed: 8/13/12

BORING LOG | **B105**
 MW105

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 21 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45				0.0		SM-ML		Moist, very dense, silty SAND with gravel, gray, cobbles, no solvent or hydrocarbon odor (40-40-20).	
			90	0.0		SM		Damp, very dense, silty SAND with gravel, gray, cohesive, no solvent or hydrocarbon odor (20-60-20).	
				0.0		SM		Damp, very dense, silty SAND with gravel, gray, cohesive, no solvent or hydrocarbon odor (20-60-20).	
50				0.0	B105-50	SM		Wet, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (35-50-15).	
			50	0.3		SM		Wet, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (35-50-15).	
								No recovery.	
55				0.3		SM		Damp, very dense, silty SAND with gravel, dark gray, cohesive, no solvent or hydrocarbon odor (35-45-20).	
			100	0.7		SM		Damp, very dense, silty SAND with gravel, dark gray, cohesive, no solvent or hydrocarbon odor (35-45-20).	
				0.7		SM		Damp, very dense, silty SAND with gravel, dark gray, cohesive, no solvent or hydrocarbon odor (35-45-20).	
60				0.0		SM		Damp, very dense, silty SAND with gravel, dark gray, cohesive, no solvent or hydrocarbon odor (35-45-20).	

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 018

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:

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Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/13/12
Surface Conditions: Concrete
Well Location N/S: 36.2' south of SE corner of 700 Dexter property
Well Location E/W: 79.3' east of SE corner of 700 Dexter property
Reviewed by: CCC
Date Completed: 8/13/12

BORING LOG | **B105**
 MW105

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 21 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail	
60				0.3	B105-60	SP		Damp, dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (5-90-5).		
			100	0.3		SM		Damp, very dense, silty SAND with gravel, gray, cohesive, no solvent or hydrocarbon odor (35-50-15).		
				0.3		ML		Dry, hard, SILT with fine sand and gravel, cohesive, dark gray, no solvent or hydrocarbon odor (55-35-10).		
				0.3		ML		Dry, hard, SILT with fine sand and gravel, cohesive, very gray, no solvent or hydrocarbon odor (55-35-10).		
65				0.0		ML		Dry, hard, SILT with fine sand and gravel, cohesive, dark gray, no solvent or hydrocarbon odor (50-40-10).		
			100	0.0		ML		Dry, hard, SILT with fine sand and gravel, cohesive, dark gray, no solvent or hydrocarbon odor (50-40-10).		
				0.0		ML		Dry, hard, SILT with fine sand and gravel, cohesive, dark gray, no solvent or hydrocarbon odor (50-40-10).		
				0.0		GM		Damp, very dense, silty GRAVEL with sand, cohesive, dark gray, no solvent or hydrocarbon odor (35-25-40).		
70				0.0		B105-70	GM			Damp, very dense, silty gravelly SAND, cohesive, dark gray, no solvent or hydrocarbon odor (35-25-40).
			--	0.0			GM			Damp, very dense, silty gravelly SAND, cohesive, dark gray, no solvent or hydrocarbon odor (35-25-40).
				0.0	GM			Damp, very dense, silty gravelly SAND, cohesive, dark gray, no solvent or hydrocarbon odor (35-25-40).		
75				0.0						

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 018

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:

 Page: | **5 of 10**



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/13/12
Surface Conditions: Concrete
Well Location N/S: 36.2' south of SE corner of 700 Dexter property
Well Location E/W: 79.3' east of SE corner of 700 Dexter property
Reviewed by: CCC
Date Completed: 8/13/12

BORING LOG | **B105**
 MW105

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 21 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
75				0.3		SM		Moist, very dense, silty SAND with gravel, cohesive, grayish brown, no solvent or hydrocarbon odor (35-50-15).	
			100	0.3		SM		Moist, very dense, silty SAND with gravel, cohesive, grayish brown, no solvent or hydrocarbon odor (35-50-15).	
				0.3		SM		Moist, very dense, silty SAND with gravel, cohesive, grayish brown, no solvent or hydrocarbon odor (35-50-15).	
				0.3	B105-80	SM		Moist, very dense, silty SAND with gravel, cohesive, grayish brown, no solvent or hydrocarbon odor (35-50-15).	
80								Bentonite plug.	
			50			SM		Damp, very dense, silty SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (35-50-15).	
				0.1					
				0.1					
85				0.0		GM		Wet, very dense, gravelly, silty SAND, gray, no solvent or hydrocarbon odor (35-30-40).	
			100	0.0		GM			
				0.0					
				0.0		SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (35-45-20).	
90				0.0					

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 018

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:

 Page: **6 of 10**



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/13/12
Surface Conditions: Concrete
Well Location N/S: 36.2' south of SE corner of 700 Dexter property
Well Location E/W: 79.3' east of SE corner of 700 Dexter property
Reviewed by: CCC
Date Completed: 8/13/12

BORING LOG | **B105**
 MW105

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 21 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
90				0.0	B105-90	GM		Wet, very dense, silty sandy GRAVEL, gray, no solvent or hydrocarbon odor (30-30-40).	
			100	0.0		GM		Wet, very dark, silty sandy GRAVEL, gray, no solvent or hydrocarbon odor (30-30-40).	
				0.0		SM		Damp, very dense, silty SAND with gravel, gray, cohesive, no solvent or hydrocarbon odor (35-50-15).	
				0.0		SM		Moist, very dense, silty medium to fine SAND and gravel, dark gray, no solvent or hydrocarbon odor (20-75-5).	
95				0.0		SP-SM		Wet, loose, medium to fine SAND with silt and gravel, dark brown, no solvent or hydrocarbon odor (10-85-5).	
			100	0.0					
				0.0					
				0.0					
100				0.0	B105-100	SP-SM		Wet, loose, medium to fine SAND with silt, brown, no solvent or hydrocarbon odor (10-90-0).	
				0.0					
			100	0.0		SP-SM		Wet, loose, fine SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0					
				0.0					
105				0.0					

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 018

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:

 Page: | **7 of 10**



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/13/12
Surface Conditions: Concrete
Well Location N/S: 36.2' south of SE corner of 700 Dexter property
Well Location E/W: 79.3' east of SE corner of 700 Dexter property
Reviewed by: CCC
Date Completed: 8/13/12

BORING LOG | **B105**
 MW105

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 21 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
105				105.5		SP-SM		Wet, loose, fine SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
			100	0.0		SP-SM		Wet, loose, fine to medium SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0		SP-SM		Wet, loose, fine to medium SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
110				0.0	B105-110	SP-SM		Wet, loose, coarse to medium SAND with gravel and silt, gray, no solvent or hydrocarbon odor (10-60-30).	
			100			SP-SM		Wet, loose, coarse to medium SAND with gravel and silt, gray, no solvent or hydrocarbon odor (10-60-30).	
						SP-SM		Wet, loose, coarse to medium SAND with gravel and silt, gray, no solvent or hydrocarbon odor (10-60-30).	
115						SP-SM		Wet, loose, medium to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
			--						
120									

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 018

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:

 Page: | **8 of 10**



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/13/12
Surface Conditions: Concrete
Well Location N/S: 36.2' south of SE corner of 700 Dexter property
Well Location E/W: 79.3' east of SE corner of 700 Dexter property
Reviewed by: CCC
Date Completed: 8/13/12

BORING LOG | **B105**
 MW105

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 21 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
120				0.0	B105-120	SP-SM		Wet, loose, coarse to medium SAND with gravel, dark gray, no solvent or hydrocarbon odor (10-65-25).	
			100	0.0		SP-SM		Wet, loose, coarse to medium SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-65-25).	
				0.0		SM		Damp, very dense, silty SAND with gravel, dark gray, no solvent or hydrocarbon odor (20-55-25).	
				0.0		SM		Damp, very dense, silty SAND with gravel, dark gray, no solvent or hydrocarbon odor (20-55-25).	
125					B105-130	SP-SM		Wet, loose, coarse to medium SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-70-20).	
			--			SP-SM		Wet, very dense, coarse to medium SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-60-30).	
						SP-SM		Wet, loose, medium to coarse SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
						SP-SM		Wet, loose, medium to coarse SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
						SP-SM		Wet, loose, medium to coarse SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
130				0.0	B105-130	SP-SM		We, loose, medium to coarse SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
			100	0.0		SP-SM		Wet, loose, medium to coarse SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
				0.0		SP-SM		Wet, loose, medium to coarse SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-70-20).	
135									

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 018

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/13/12
Surface Conditions: Concrete
Well Location N/S: 36.2' south of SE corner of 700 Dexter property
Well Location E/W: 79.3' east of SE corner of 700 Dexter property
Reviewed by: CCC
Date Completed: 8/13/12

BORING LOG | **B105**
 MW105

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 21 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
135			100	0.0	B105-138	SP-SM		Wet, loose, coarse to medium SAND with gravel and silt, gray no solvent or hydrocarbon odor (10-70-20).	
			0.0	SP-SM			Wet, loose, coarse to medium SAND with gravel and silt, gray, no solvent or hydrocarbon odor (10-70-20).		
			0.0	ML			Dry, hard, SILT with fine sand and gravel, brown, no solvent or hydrocarbon odor (70-20-5).		
			0.0	ML			Dry, hard, SILT with fine sand, brown, no solvent or hydrocarbon odor (70-30-0).		
140								Boring terminated at 140 feet bgs, backfilled with bentonite grout from 2 feet to 128 feet depth. Two-inch-diameter well installed to a depth of 140 feet bgs, screened from 130 to 140 feet bgs, with silica sand from 128 to 140 feet bgs, bentonite seal from 118 to 128 feet bgs, bentonite grout from 2 to 118 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW105	
145									
150									

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 018

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/14/12
Surface Conditions: Concrete
Well Location N/S: 84.7' south of SE corner of 700 Dexter
Well Location E/W: 112' west of SE corner of 700 Dexter
Reviewed by: CCC
Date Completed: 08/16/12

BORING LOG | **B106**
 MW106

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling -- feet bgs
 Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0						Asphalt		4"-thick asphalt surfacing. Boring hand-cleared to 5 feet bgs.	
5			100	0.1		SM		Dry, dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (20-60-20).	
				0.5		SM		Dry, dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (20-60-20).	
				0.5		SM		Dry, dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (20-60-20).	
				1.3		SM		Dry, dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (20-60-20).	
10				0.1	B106-10	SM		Dry, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (20-60-20).	
				0.1		SM		Dry, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (20-60-20).	
			100	0.1		SM		Dry, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (20-60-20).	
				0.1		SM		Dry, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (20-60-20).	
15				0.0		SM		Dry, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (20-60-20).	

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 019

Well/Auger Diameter: 2/8.6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/14/12
Surface Conditions: Concrete
Well Location N/S: 84.7' south of SE corner of 700 Dexter
Well Location E/W: 112' west of SE corner of 700 Dexter
Reviewed by: CCC
Date Completed: 08/16/12

BORING LOG | B106
MW106

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling -- feet bgs
 Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15				0.0		SM		Dry, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (25-65-10).	
			100	0.0		SM		Dry, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (25-65-10).	
				0.0		SM		Dry, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (25-65-10).	
				0.0		SM		Dry, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (25-65-10).	
20				0.0	B106-20	SM		Damp, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (25-65-10).	
			100	0.0		SM		Damp, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (25-65-10).	
				0.0		SM		Dry, very dense, silty SAND with gravel, dark brown, no solvent or hydrocarbon odor (25-65-10).	
				0.0		SM		Dry, very dense, silty SAND with gravel, dark brown, no solvent or hydrocarbon odor (25-65-10).	
25				0.0		SM		Dry, very dense, silty SAND with gravel, cohesive gray, no solvent or hydrocarbon odor (35-55-10).	
				0.0		SM		Dry, very dense, silty SAND with gravel, cohesive gray, no solvent or hydrocarbon odor (35-55-10).	
			100	0.0		SM		Dry, very dense, silty SAND with gravel, cohesive gray, no solvent or hydrocarbon odor (35-55-10).	
				0.0		SM		Dry, very dense, silty SAND with gravel, cohesive gray, no solvent or hydrocarbon odor (35-55-10).	
30				0.0		SM		Damp, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (35-55-10).	

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 019

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/14/12
Surface Conditions: Concrete
Well Location N/S: 84.7' south of SE corner of 700 Dexter
Well Location E/W: 112' west of SE corner of 700 Dexter
Reviewed by: CCC
Date Completed: 08/16/12

BORING LOG | B106
MW106

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling -- feet bgs

Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30				0.0	B106-30	SP-SM		Moist, dense, fine to medium SAND with silt and gravel, light brown, no solvent or hydrocarbon odor (10-80-10).	
			100	0.0		SP-SM		Moist, dense, fine to medium SAND with silt and gravel, light brown, no solvent or hydrocarbon odor (10-80-10).	
				0.0		SP-SM		Moist, dense, fine to medium SAND with silt and gravel, light brown, no solvent or hydrocarbon odor (10-80-10).	
				0.0		SP-SM		Moist, dense, fine to medium SAND with silt and gravel, light brown, no solvent or hydrocarbon odor (10-80-10).	
35				10.4		SP-SM		Wet, dense, medium to fine SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (10-80-10).	
			--	4.9		SP-SM		Wet, dense, medium to fine SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (10-80-10).	
				1.3		SP-SM		Wet, dense, medium to fine SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (10-80-10).	
				0.5		SP-SM		Wet, dense, medium to fine SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (10-80-10).	
40				0.5	B106-40	SP-SM			
				0.5		SM-ML		Dry, hard, fine sandy SILT with gravel, gray cohesive, no solvent or hydrocarbon odor (50-35-15).	
			--	0.5		SP-SM		Damp, dense, fine to medium SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (10-80-10).	
				0.5		SP-SM			
				0.5		SP-SM		Damp, dense, fine to medium SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (10-80-10).	
45									

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 019

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/14/12
Surface Conditions: Concrete
Well Location N/S: 84.7' south of SE corner of 700 Dexter
Well Location E/W: 112' west of SE corner of 700 Dexter
Reviewed by: CCC
Date Completed: 08/16/12

BORING LOG | B106
MW106

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling -- feet bgs
 Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45				0.5		SM		Damp, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-45-20).	
			100	0.5		SM		Damp, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-45-20).	
				1.3		SM		Moist, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-45-20).	
				0.1		SM		Moist, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-45-20).	
50				0.5	B106-50	SM		Damp, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-45-20).	
			100	0.1		SM		Damp, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-45-20).	
				0.0		SM		Damp, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-45-20).	
				0.0		SM		Damp, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-45-20).	
55				0.0		SM		Damp, very dense, silty SAND with gravel and cobbles, cohesive dark gray, no solvent or hydrocarbon odor (35-55-10).	
			100	0.0		SM		Moist, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-55-10).	
				0.1		SM		Moist, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-55-10).	
60				0.1		SM		Damp, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-55-10).	

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 019

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/14/12
Surface Conditions: Concrete
Well Location N/S: 84.7' south of SE corner of 700 Dexter
Well Location E/W: 112' west of SE corner of 700 Dexter
Reviewed by: CCC
Date Completed: 08/16/12

BORING LOG | **B106**
 MW106

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling -- feet bgs
 Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
60				0.0	B106-60	SM		Moist, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-55-10).	
			100	0.0		SM		Moist, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-55-10).	
				0.0		SM		Dry, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-55-10).	
				0.0		SM		Dry, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-55-10).	
65				0.0		SM		Dry, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-50-15).	
			100	0.0		SM		Dry, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-50-15).	
				0.0		SM		Dry, very dense, silty SAND with gravel, dark gray cohesive, no solvent or hydrocarbon odor (35-50-15).	
				0.0		SM		Dry, very dense, silty SAND with gravel, dark gray cohesive, no solvent or hydrocarbon odor (35-50-15).	
70				0.0	B106-70	SM		Damp, very dense, silty SAND with gravel, dark gray cohesive, no solvent or hydrocarbon odor (35-55-10).	
			100	0.0		SM		Damp, very dense, silty SAND with gravel, dark gray cohesive, no solvent or hydrocarbon odor (35-55-10).	
				0.0		ML		Damp, hard, fine sandy SILT, weak lamination, cohesive gray, no solvent or hydrocarbon odor (60-40-0).	
				0.0		ML		Dry, hard, fine sandy SILT, weak lamination, cohesive gray, no solvent or hydrocarbon odor (60-40-0).	
75				0.0					

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 019

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
 Project Number: 0797-001
 Logged by: RAH
 Date Started: 8/14/12
 Surface Conditions: Concrete
 Well Location N/S: 84.7' south of SE corner of 700 Dexter
 Well Location E/W: 112' west of SE corner of 700 Dexter
 Reviewed by: CCC
 Date Completed: 08/16/12

BORING LOG | **B106**
 MW106

Site Address: 700 Dexter Avenue North
 Seattle, Washington

▽ Water Depth At Time of Drilling -- feet bgs
 ▽ Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
75				0.0		SM		Damp, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-50-15).	
			100	0.0		SM		Damp, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-50-15).	
				0.0		SM		Dry, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-50-15).	
				0.0		SM		Damp, very dense, silty SAND with gravel, cohesive dark gray, no solvent or hydrocarbon odor (35-50-15).	
80				0.0	B106-80	SM-GM		Damp, very dense, gravelly silty SAND, dark gray, no solvent or hydrocarbon odor (30-30-40).	
				0.0		SM-GM		Damp, very dense, gravelly silty SAND, dark gray, no solvent or hydrocarbon odor (30-30-40).	
			100	0.0		SM-ML		Damp, very dense, silty SAND, dark gray, no solvent or hydrocarbon odor (35-40-25).	
				0.0		SM-ML		Damp, very dense, silty SAND, dark gray, no solvent or hydrocarbon odor (35-40-25).	
85				0.3		SM		Moist, very dense, silty SAND, dark gray cohesive, no solvent or hydrocarbon odor (30-70-0).	
				0.0		SM		Moist, very dense, silty SAND, dark gray cohesive, no solvent or hydrocarbon odor (30-70-0).	
			100	0.0		SP-SM		Moist, very dense, medium to fine SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (15-75-10).	
				0.0		SP-SM		Moist, very dense, medium to fine SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (15-75-10).	
90				0.0		SP-SM		Moist, very dense, medium to fine SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (15-75-10).	

Drilling Co./Driller: Major Drilling/Dan
 Drilling Equipment: LAR Sonic
 Sampler Type: Core Barrel
 Hammer Type/Weight: -- lbs
 Total Boring Depth: 140 feet bgs
 Total Well Depth: 140 feet bgs
 State Well ID No.: BCK 019

Well/Auger Diameter: 2/8,6 inches
 Well Screened Interval: 130 to 140 feet bgs
 Screen Slot Size: 0.010 inches
 Filter Pack Used: Colorado Silica Sand
 Surface Seal: Concrete
 Annular Seal: Bentonite grout
 Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/14/12
Surface Conditions: Concrete
Well Location N/S: 84.7' south of SE corner of 700 Dexter
Well Location E/W: 112' west of SE corner of 700 Dexter
Reviewed by: CCC
Date Completed: 08/16/12

BORING LOG | **B106**
 MW106

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling -- feet bgs
 Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
90				0.0	B106-90	SP-SM		Wet, dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0		SP-SM		Wet, dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
			100	0.0		SP-SM		Wet, dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0		SP-SM		Wet, dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
95				0.0		SP-SM		Wet, dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
			100	0.0		SP-SM		Wet, dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0		SP-SM		Wet, dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
100				0.0	B106-100	SP-SM		Wet, dense, medium to fine SAND with silt and gravel, dark brown, no solvent or hydrocarbon odor (10-85-5).	
				0.0		SP-SM		Wet, dense, medium to fine SAND with silt and gravel, dark brown, no solvent or hydrocarbon odor (10-85-5).	
			100	0.0		SP-SM		Wet, dense, medium to fine SAND with silt and gravel, dark brown, no solvent or hydrocarbon odor (10-85-5).	
				0.0		SP-SM		Wet, dense, medium to fine SAND with silt and gravel, dark brown, no solvent or hydrocarbon odor (10-85-5).	
105				0.0		SP-SM		Wet, dense, medium to fine SAND with silt and gravel, dark brown, no solvent or hydrocarbon odor (10-85-5).	

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 019

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/14/12
Surface Conditions: Concrete
Well Location N/S: 84.7' south of SE corner of 700 Dexter
Well Location E/W: 112' west of SE corner of 700 Dexter
Reviewed by: CCC
Date Completed: 08/16/12

BORING LOG | **B106**
 MW106

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling -- feet bgs
 Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
105				0.0		SP-SM		Moist, dense, coarse to medium SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
			100	0.0		SP-SM		Moist, dense, coarse to medium SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
				0.0		SP-SM		Moist, dense, coarse to medium SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0		SP-SM		Moist, dense, coarse to medium SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-90-0).	
110				0.0	B106-110	SP-SM		Wet, dense, coarse to medum SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0		SP-SM		Wet, dense, coarse to medum SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0		SP-SM		Wet, dense, medum to fine SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
			100	0.0		SP-SM		Wet, dense, medum to fine SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
115				0.0		SP-SM		Wet, dense, fine to medium SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0		SP-SM		Wet, dense, fine to medium SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0		SP-SM		Wet, dense, fine to medium SAND with silt and trace gravel, dark gray, no solvent or hydrocarbon odor (10-87-03).	
				0.0		SP-SM		Wet, dense, fine to medium SAND with silt and trace gravel, dark gray, no solvent or hydrocarbon odor (10-87-03).	
120				0.0		SP-SM		Wet, dense, fine to medium SAND with silt and trace gravel, dark gray, no solvent or hydrocarbon odor (10-87-03).	

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 019

Well/Auger Diameter: 2/8,6 Inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/14/12
Surface Conditions: Concrete
Well Location N/S: 84.7' south of SE corner of 700 Dexter
Well Location E/W: 112' west of SE corner of 700 Dexter
Reviewed by: CCC
Date Completed: 08/16/12

BORING LOG | **B106**
 MW106

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling -- feet bgs
 Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
120				0.0	B106-120	SP-SM		Wet, dense, medium SAND gravel with silt, dark gray, no solvent or hydrocarbon odor (10-70-10).	
			100	0.0		SP-SM		Wet, dense, coarse, medium SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-50-10).	
				0.0		SP-SM		Wet, dense, medium SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0		SP-SM		Wet, dense, medium SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
125				0.0		SP-SM		Wet, dense, fine to medium SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
			100	0.0		SP-SM		Wet, dense, fine to medium SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0		SP		Wet, dense, gravelly, coarse to medium SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (5-60-35).	
				0.0		SP		Wet, dense, gravelly, coarse to medium SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (5-60-35).	
130				0.0	B106-130	GM		Wet, dense, silty sandy GRAVEL, dark gray, no solvent or hydrocarbon odor (25-25-50).	
				0.0		GM		Wet, dense, silty sandy GRAVEL, dark gray, no solvent or hydrocarbon odor (25-25-50).	
				0.0		GM		Wet, dense, silty sandy GRAVEL, dark gray, no solvent or hydrocarbon odor (25-25-50).	
				0.0		GM		Wet, dense, silty sandy GRAVEL, dark gray, no solvent or hydrocarbon odor (25-25-50).	
135				0.0		GM		Wet, dense, silty sandy GRAVEL, dark gray, no solvent or hydrocarbon odor (25-25-50).	

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 019

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter Property
Project Number: 0797-001
Logged by: RAH
Date Started: 8/14/12
Surface Conditions: Concrete
Well Location N/S: 84.7' south of SE corner of 700 Dexter
Well Location E/W: 112' west of SE corner of 700 Dexter
Reviewed by: CCC
Date Completed: 08/16/12

BORING LOG | **B106**
 MW106

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling -- feet bgs
 Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
135					B106-140	SP-SM		Wet, dense, medium to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
						SP-SM		Wet, dense, medium to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
						SP-SM		Wet, dense, medium SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
140						SP-SM		Wet, dense, medium SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
145								Boring terminated at 140 feet bgs, backfilled with bentonite grout from 2 feet to 118 feet depth. Two-inch diameter well installed to a depth of 140 feet bgs, screened from 130 to 140 feet bgs, with silica sand from 128 to 140 feet bgs, bentonite seal from 118 to 128 feet bgs, bentonite grout from 2 to 118 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW106	
150									

Drilling Co./Driller: Major Drilling/Dan
Drilling Equipment: LAR Sonic
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Total Boring Depth: 140 feet bgs
Total Well Depth: 140 feet bgs
State Well ID No.: BCK 019

Well/Auger Diameter: 2/8,6 inches
Well Screened Interval: 130 to 140 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: Colorado Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite grout
Monument Type: Flush Mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001
Logged by: RAH
Date Started: 12/10/12
Surface Conditions: Gravel
Well Location N/S: 145.4' S of SE corner OF 700 Dexter bldg.
Well Location E/W: 75' W of SE corner OF 700 Dexter bldg.
Reviewed by: CCC
Date Completed: 12/10/12

BORING LOG | B114
MW114

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 30 feet bgs
Water Depth After Completion 17.05 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0									
5	2 2 3		50	0.8		SP-SM (FILL)		Damp, loose, medium to fine SAND with gravel and silt, brown, no solvent or hydrocarbon odor (10-75-15). Fill material.	
10									
15									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: HSA
Sampler Type: Dames and Moore
Hammer Type/Weight: 300 lbs
Total Boring Depth: 45.5 feet bgs
Total Well Depth: 45 feet bgs
State Well ID No.: BHS768

Well/Auger Diameter: 2/8.25 inches
Well Screened Interval: 35 to 45 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: 2/12 Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001
Logged by: RAH
Date Started: 12/10/12
Surface Conditions: Gravel
Well Location N/S: 145.4' S of SE corner OF 700 Dexter bldg.
Well Location E/W: 75' W of SE corner OF 700 Dexter bldg.
Reviewed by: GCC
Date Completed: 12/10/12

BORING LOG | B114
MW114

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 30 feet bgs
Water Depth After Completion 17.05 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15	50/5"		100	0.0	B114-15	SM		Dry, very dense, silty fine SAND with gravel, light brown, no solvent or hydrocarbon odor (25-65-10).	
20	50/6"		100	0.0		SM		Dry, very dense, silty fine SAND with gravel, light brown, no solvent or hydrocarbon odor (25-65-10).	
25	50/6"		100	0.8	B114-25	SM		Dry, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (35-55-10).	
30									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: HSA
Sampler Type: Dames and Moore
Hammer Type/Weight: 300 lbs
Total Boring Depth: 45.5 feet bgs
Total Well Depth: 45 feet bgs
State Well ID No.: BHS768

Well/Auger Diameter: 2/8.25 inches
Well Screened Interval: 35 to 45 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: 2/12 Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001
Logged by: RAH
Date Started: 12/10/12
Surface Conditions: Gravel
Well Location N/S: 145.4' S of SE corner OF 700 Dexter bldg.
Well Location E/W: 75' W of SE corner OF 700 Dexter bldg.
Reviewed by: CCC
Date Completed: 12/10/12

BORING LOG | **B114**
 MW114

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 30 feet bgs
Water Depth After Completion 17.05 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30	50/6"		100	0.2		SP-SM		Wet, very dense, medium to fine SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-80-10).	
35	50/6"		100	42.8	B114-35	SM		Moist, very dense, silty fine SAND, gray, no solvent or hydrocarbon odor (45-55-0).	
	50/6"		100	40.2		SM		Moist, very dense, silty fine SAND, gray, no solvent or hydrocarbon odor (45-55-0).	
40	50/6"		100	0.8	B114-40	SM-SP		Wet, very dense, medium to fine SAND with silt, light gray, no solvent or hydrocarbon odor (15-85-0).	
	50/2"		100	0.2		SM-ML		Moist, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (40-45-15).	
45									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: HSA
Sampler Type: Dames and Moore
Hammer Type/Weight: 300 lbs
Total Boring Depth: 45.5 feet bgs
Total Well Depth: 45 feet bgs
State Well ID No.: BHS768

Well/Auger Diameter: 2/8.25 inches
Well Screened Interval: 35 to 45 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: 2/12 Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:
 Page: | 3 of 4



Project: 700 Dexter
Project Number: 0797-001
Logged by: RAH
Date Started: 12/10/12
Surface Conditions: Gravel
Well Location N/S: 145.4' S of SE corner OF 700 Dexter bldg.
Well Location E/W: 75' W of SE corner OF 700 Dexter bldg.
Reviewed by: CCC
Date Completed: 12/10/12

BORING LOG | **B114**
 MW114

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 30 feet bgs
Water Depth After Completion 17.05 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45	X 50/3"	100	1.3	B114-45	SM-ML		Damp, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (40-45-15). Boring terminated at 45.5 feet below ground surface. Two-inch-diameter well installed to a depth of 45 feet bgs, screened from 35 to 45 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW114.		
50									
55									
60									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: HSA
Sampler Type: Dames and Moore
Hammer Type/Weight: 300 lbs
Total Boring Depth: 45.5 feet bgs
Total Well Depth: 45 feet bgs
State Well ID No.: BHS768

Well/Auger Diameter: 2/8.25 inches
Well Screened Interval: 35 to 45 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: 2/12 Silica Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001
Logged by: RAH
Date Started: 02/04/13
Surface Conditions: Asphalt
Well Location N/S: 96' south of power pole at SE corner of the intersection of Roy and Dexter
Well Location E/W: 12.6' west of power pole at SE corner of the intersection of Roy and Dexter
Reviewed by: CCC
Date Completed: 02/04/13

BORING LOG | **B117**
 MW117

Site Address: 700 Dexter Avenue North
 Seattle, WA

Water Depth At Time of Drilling 40 feet bgs
Water Depth After Completion feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0								Asphalt 6" thick. Boring cleared with a vector truck to a depth of 8' below ground surface (bgs).	
10	50/4"	10		0.0	B117-10	SM		Damp, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (30-55-15).	
15									

Drilling Co./Driller: Cascade Drilling Co./Curtis
Drilling Equipment: HSA LAR
Sampler Type: Split-spoon
Hammer Type/Weight: 140 lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: BHS 885

Well/Auger Diameter: 2/8.25 inches
Well Screened Interval: 40 to 55 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: #2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite Chips
Monument Type: Flush mount

Notes/Comments:

 Page: | **1 of 4**



Project: 700 Dexter
Project Number: 0797-001
Logged by: RAH
Date Started: 02/04/13
Surface Conditions: Asphalt
Well Location N/S: 96' south of power pole at SE corner of the intersection of Roy and Dexter
Well Location E/W: 12.6' west of power pole at SE corner of the intersection of Roy and Dexter
Reviewed by: CCC
Date Completed: 02/04/13

BORING LOG | **B117**
 MW117

Site Address: 700 Dexter Avenue North
 Seattle, WA

Water Depth At Time of Drilling 40 feet bgs
Water Depth After Completion feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15	50/5"	33	0.0	B117-15	SM		Moist, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (25-65-10).		
20	50/5"	33	0.0	B117-20	SP-SM		Damp, very dense, medium to fine SAND with silt and gravel, light brown, no solvent or hydrocarbon odor (15-75-10).		
25	50/5"	30	0.0	B117-25	SM		Damp, very dense, silty SAND with gravel, cohesive, light brown, no solvent or hydrocarbon odor (40-50-10).		
30									

Drilling Co./Driller: Cascade Drilling Co./Curtis
Drilling Equipment: HSA LAR
Sampler Type: Split-spoon
Hammer Type/Weight: 140 lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: BHS 885

Well/Auger Diameter: 2/8.25 inches
Well Screened Interval: 40 to 55 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: #2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite Chips
Monument Type: Flush mount

Notes/Comments:

 Page: | **2 of 4**



Project: 700 Dexter
Project Number: 0797-001
Logged by: RAH
Date Started: 02/04/13
Surface Conditions: Asphalt
Well Location N/S: 96' south of power pole at SE corner of the intersection of Roy and Dexter
Well Location E/W: 12.6' west of power pole at SE corner of the intersection of Roy and Dexter
Reviewed by: CCC
Date Completed: 02/04/13

BORING LOG | **B117**
 MW117

Site Address: 700 Dexter Avenue North
 Seattle, WA

Water Depth At Time of Drilling 40 feet bgs
Water Depth After Completion feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30	50/5"	30	0.0	B117-30	SM		Wet, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (25-60-15).		
35	50/5"	30	0.0	B117-35	SM		Moist, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).		
40	50/6"	100	0.0	B117-40	SP-SM		Wet, very dense, medium to fine SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-80-10).		
45									

Drilling Co./Driller: Cascade Drilling Co./Curtis
Drilling Equipment: HSA LAR
Sampler Type: Split-spoon
Hammer Type/Weight: 140 lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: BHS 885

Well/Auger Diameter: 2/8.25 inches
Well Screened Interval: 40 to 55 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: #2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite Chips
Monument Type: Flush mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001
Logged by: RAH
Date Started: 02/04/13
Surface Conditions: Asphalt
Well Location N/S: 96' south of power pole at SE corner of the intersection of Roy and Dexter
Well Location E/W: 12.6' west of power pole at SE corner of the intersection of Roy and Dexter
Reviewed by: CCC
Date Completed: 02/04/13

BORING LOG | **B117**
 MW117

Site Address: 700 Dexter Avenue North
 Seattle, WA

Water Depth At Time of Drilling 40 feet bgs
Water Depth After Completion feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45	50/6"	100	0.0	B117-45	SP-SM		Wet, very dense, medium to fine sand with silt and gravel, gray, no solvent or hydrocarbon odor (10-80-10).		
50	50/5"	30	0.0	B117-50	SM-ML		Moist, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (45-45-10).		
55	50/5"	20	0.0	B117-55	SM ML		Damp, very dense, silty SAND, gray, no solvent or hydrocarbon odor (20-80-0). Damp, very dense, SILT with fine sand, no solvent or hydrocarbon odor (55-45-0).		
60							Boring terminated at 55.5 feet below ground surface. A two-inch diameter well was installed to a depth of 55 feet bgs, screened from 40 to 55 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW117.		

Drilling Co./Driller: Cascade Drilling Co./Curtis
Drilling Equipment: HSA LAR
Sampler Type: Split-spoon
Hammer Type/Weight: 140 lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: BHS 885

Well/Auger Diameter: 2/8.25 inches
Well Screened Interval: 40 to 55 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: #2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite Chips
Monument Type: Flush mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001-02
Logged by: EBF
Date Started: 03/21/13
Surface Conditions: Asphalt
Well Location N/S: On S property line of vacant lot in sidewalk
Well Location E/W: On Mercer St, 76' E of NE corner of intersection with Dexter Ave N
Reviewed by: CCC
Date Completed: 03/21/13

BORING LOG | **B118**
 MW118

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 20 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0								3 inches of asphalt.	
5	10 15 25		100			SM		Moist, dense, silty fine SAND with medium-large gravel, brown, no solvent or hydrocarbon odor (30-55-15).	
10	32 50/6		100	0.1	B118-10	SM		Moist, very dense, silty fine SAND with gravel, increasing silt with depth, brown, no solvent or hydrocarbon odor (35-55-10).	
15									

Drilling Co./Driller: Cascade Drilling/ James
Drilling Equipment: HSA
Sampler Type: D+M
Hammer Type/Weight: 300 lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 50 feet bgs
State Well ID No.: BIC 079

Well/Auger Diameter: 2 inches
Well Screened Interval: 40-50 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: 2/12 Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001-02
Logged by: EBF
Date Started: 03/21/13
Surface Conditions: Asphalt
Well Location N/S: On S property line of vacant lot in sidewalk
Well Location E/W: On Mercer St, 76' E of NE corner of intersection with Dexter Ave N
Reviewed by: CCC
Date Completed: 03/21/13

BORING LOG | **B118**
 MW118

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 20 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15	26 50/5	150	0.0			SM ML		Moist, very dense, silty fine SAND with some gravel, brown, no solvent or hydrocarbon odor (25-65-10). Moist, hard, fine sandy SILT, gray, no solvent or hydrocarbon odor (80-20-0).	
20	50/6	125	0.0	B118-20	ML SP-SM SM-ML		Moist, hard, fine sandy SILT, gray, no solvent or hydrocarbon odor (80-20-0). Moist to wet, very dense, fine to medium SAND with trace gravel and trace silt, no solvent or hydrocarbon odor (10-85-5). Moist, very dense, fine sandy SILT, gray-brown, no solvent or hydrocarbon odor (60-40-0).		
25	50/6	125	0.1			SM		Moist, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
30									

Drilling Co./Driller: Cascade Drilling/ James
Drilling Equipment: HSA
Sampler Type: D+M
Hammer Type/Weight: 300 lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 50 feet bgs
State Well ID No.: BIC 079

Well/Auger Diameter: 2 inches
Well Screened Interval: 40-50 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: 2/12 Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001-02
Logged by: EBF
Date Started: 03/21/13
Surface Conditions: Asphalt
Well Location N/S: On S property line of vacant lot in sidewalk
Well Location E/W: On Mercer St, 76' E of NE corner of intersection with Dexter Ave N
Reviewed by: CCC
Date Completed: 03/21/13

BORING LOG | **B118**
 MW118

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 20 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30	50/6	125	3.0	B118-30	SM		Moist to wet, very dense, silty fine to medium SAND with lenses of cleaner medium sand, gray, no solvent or hydrocarbon odor (25-75-0).		
35	50/6	150	2.4		SM		Wet, very dense, silty fine to medium SAND with trace fine gravel, gray, no solvent or hydrocarbon odor (20-75-5).		
40	50/6	150		B118-40	SM SM-ML		Wet, very dense, silty fine to medium SAND with trace fine gravel, gray, no solvent or hydrocarbon odor (20-75-5). Moist, very dense, silty fine SAND, gray, no solvent or hydrocarbon odor (45-55-0).		
45									

Drilling Co./Driller: Cascade Drilling/ James
Drilling Equipment: HSA
Sampler Type: D+M
Hammer Type/Weight: 300 lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 50 feet bgs
State Well ID No.: BIC 079

Well/Auger Diameter: 2 inches
Well Screened Interval: 40-50 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: 2/12 Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001-02
Logged by: EBF
Date Started: 03/21/13
Surface Conditions: Asphalt
Well Location N/S: On S property line of vacant lot in sidewalk
Well Location E/W: On Mercer St, 76' E of NE corner of intersection with Dexter Ave N
Reviewed by: CCC
Date Completed: 03/21/13

BORING LOG | **B118**
 MW118

Site Address: 700 Dexter Avenue North
 Seattle, Washington

Water Depth At Time of Drilling 20 feet bgs
Water Depth After Completion -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45	50/5	125	6.0			SM		Moist to wet, very dense, silty fine SAND, gray, no solvent or hydrocarbon odor (35-65-0). Lenses of silty SAND present within sample (30-70-0).	
50	50/5	125	1.2	B118-50	SM		Moist, very dense, silty fine SAND with trace gravel, gray, no solvent or hydrocarbon odor (35-60-5).		
55	50/5	125			SM		Moist, very dense, silty fine SAND with trace gravel, gray, no solvent or hydrocarbon odor (35-60-5).		
60							Boring terminated at 55.5 feet below ground surface (bgs). Boring was backfilled with bentonite chips to 50 feet bgs. Two-inch diameter well installed to a depth of 50 feet bgs, screened from 40 to 50 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW118.		

Drilling Co./Driller: Cascade Drilling/ James
Drilling Equipment: HSA
Sampler Type: D+M
Hammer Type/Weight: 300 lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 50 feet bgs
State Well ID No.: BIC 079

Well/Auger Diameter: 2 inches
Well Screened Interval: 40-50 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: 2/12 Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001-02
Logged by: EBF
Date Started: 03/21/13
Surface Conditions: Concrete
Well Location N/S: SW corner of intersection of Broad St and 9th Ave N
Well Location E/W:
Reviewed by: CCC
Date Completed: 03/21/13

BORING LOG | **B119**
 MW119

Site Address: 700 Dexter Avenue North
 Seattle, WA

Water Depth At Time of Drilling 10 feet bgs
Water Depth After Completion feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0								Concrete cored prior to drilling. Concrete 4 inches thick.	
5	20 18 20		100			SM (FILL)		Moist, dense, silty, gravelly, fine to medium SAND, brown, no solvent or hydrocarbon odor (15-70-15).	
10	4 3 3		100	0.9	B119-10	SM (FILL) ML (FILL)		Moist to wet, loose, gravelly, silty, fine to medium SAND with some coarse sand, gray-brown, no solvent or hydrocarbon odor (15-65-20). Moist, soft, fine sandy SILT with gravel, dark brown, black staining, wood debris, no solvent or hydrocarbon odor (60-30-10).	
15									

Drilling Co./Driller: Cascade Drilling/ James
Drilling Equipment: HSA
Sampler Type: D+M
Hammer Type/Weight: 300 lbs
Total Boring Depth: 46 feet bgs
Total Well Depth: 45 feet bgs
State Well ID No.: BIC 080

Well/Auger Diameter: 2 inches
Well Screened Interval: 35-45 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: 2/12 Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Flush-mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001-02
Logged by: EBF
Date Started: 03/21/13
Surface Conditions: Concrete
Well Location N/S: SW corner of intersection of Broad St and 9th Ave N
Well Location E/W:
Reviewed by: CCC
Date Completed: 03/21/13

BORING LOG | **B119**
 MW119

Site Address: 700 Dexter Avenue North
 Seattle, WA

Water Depth At Time of Drilling 10 feet bgs
Water Depth After Completion feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15	16-29-33		100	0.9		SM-ML		Wet, very dense, silty fine SAND with trace gravel, blue-gray, no solvent or hydrocarbon odor (45-50-5).	
20	10-7-10		30	0.9	B119-20	SM		Wet, medium dense, silty fine SAND, organics, wood debris, glass shards, gray, no solvent or hydrocarbon odor (40-60-0).	
25	10-10-10		100	0.7		SM ML		Wet, medium dense, silty fine SAND, organics, wood debris, glass shards, dark brown, no solvent or hydrocarbon odor (35-50-15). Moist, stiff, SILT with fine sand, blue-gray, no solvent or hydrocarbon odor (90-10-0).	
30									

Drilling Co./Driller: Cascade Drilling/ James
Drilling Equipment: HSA
Sampler Type: D+M
Hammer Type/Weight: 300 lbs
Total Boring Depth: 46 feet bgs
Total Well Depth: 45 feet bgs
State Well ID No.: BIC 080

Well/Auger Diameter: 2 inches
Well Screened Interval: 35-45 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: 2/12 Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Flush-mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001-02
Logged by: EBF
Date Started: 03/21/13
Surface Conditions: Concrete
Well Location N/S: SW corner of intersection of Broad St and 9th Ave N
Well Location E/W:
Reviewed by: CCC
Date Completed: 03/21/13

BORING LOG | **B119**
 MW119

Site Address: 700 Dexter Avenue North
 Seattle, WA

Water Depth At Time of Drilling 10 feet bgs
 Water Depth After Completion feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30	30	50/6	150	0.1	B119-30	SP-SM		Moist, very dense, fine SAND with silt, gray, no solvent or hydrocarbon odor (15-85-0).	
35	13 15 15	100	0.9		SP-SM		Moist to wet, medium dense, fine SAND with silt, gray, no solvent or hydrocarbon odor (15-85-0).		
40	13 15 15	100	0.9	B119-40	SP-SM		Wet, medium dense, fine SAND with some silt, brown, no solvent or hydrocarbon odor (10-90-0).		
45									

Drilling Co./Driller: Cascade Drilling/ James
Drilling Equipment: HSA
Sampler Type: D+M
Hammer Type/Weight: 300 lbs
Total Boring Depth: 46 feet bgs
Total Well Depth: 45 feet bgs
State Well ID No.: BIC 080

Well/Auger Diameter: 2 inches
Well Screened Interval: 35-45 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: 2/12 Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Flush-mount

Notes/Comments:



Project: 700 Dexter
Project Number: 0797-001-02
Logged by: EBF
Date Started: 03/21/13
Surface Conditions: Concrete
Well Location N/S: SW corner of intersection of Broad St and 9th Ave N
Well Location E/W:
Reviewed by: CCC
Date Completed: 03/21/13

BORING LOG | **B119**
 MW119

Site Address: 700 Dexter Avenue North
 Seattle, WA

Water Depth At Time of Drilling 10 feet bgs
Water Depth After Completion feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45	28	125	1.0			SP		Wet, very dense, fine to medium SAND with trace silt, gray to brown, no solvent or hydrocarbon odor (5-95-0).	
	50/6							Boring terminated at 46 feet below ground surface (bgs). Two-inch diameter well installed to a depth of 45 feet bgs, screened from 35 to 45 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW119.	
50									
55									
60									

Drilling Co./Driller: Cascade Drilling/ James
Drilling Equipment: HSA
Sampler Type: D+M
Hammer Type/Weight: 300 lbs
Total Boring Depth: 46 feet bgs
Total Well Depth: 45 feet bgs
State Well ID No.: BIC 080

Well/Auger Diameter: 2 inches
Well Screened Interval: 35-45 feet bgs
Screen Slot Size: 0.010 inches
Filter Pack Used: 2/12 Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Flush-mount

Notes/Comments:



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
<p>Concrete</p> <p>Sch. 40 PVC Casing</p> <p>Bentonite Grout</p>					0		LIGHT BROWN SILTY SAND (SM), moist, fine to medium sand, little fines, few fine subangular to subrounded gravel up to 0.5-inch diameter
	2.8				2		
	2.3				4		
	2.5		36		6		LIGHT GRAY TO BROWN SANDY SILT (ML), moist, some fine to coarse sand, few fine angular to subangular gravel up to 0.5-inch diameter, trace anthropogenics, black staining (FILL)
	2.3				8		at 6 feet: brown, orange staining
	2.6		60		10		BROWN SILTY SAND (SM), moist, fine to medium, little fines
	2.6				12		at 12 feet: fine to coarse sand, few fine subangular to subrounded gravel up to 0.5-inch diameter
	6.7				14		
	5.5				16		LIGHT BROWN SANDY SILT (ML), moist, firm, some fine to coarse sand, few fine subangular to subrounded gravel up to 0.5-inch diameter, orange staining
	8.9				18		
	3.7				20		LIGHT BROWN TO LIGHT GRAY SILTY SAND (SM), moist, medium dense, fine to coarse, little fines, few fine to coarse subangular to subrounded gravel up to 0.5-inch diameter
	3.5				22		
	4.0		120		24		LIGHT BROWN TO LIGHT GRAY SANDY SILT (ML), moist, hard, some fine to coarse sand, few fine subangular to subrounded gravel up to 0.5-inch diameter
	2.8				26		
	5.6				28		LIGHT GRAY SILTY SAND (SM), moist, dense, fine to medium, some fines, few fine subangular to subrounded gravel up to 0.5-inch diameter, homogeneous
	7.0				30		at 30 feet: little fines
	0.6		MW-137-25	120		31	at 31 feet: wet
	0.7					32	at 32 feet: lense of medium to coarse silty sand 2 inches thick
	1.2					34	LIGHT GRAY SANDY SILT (ML), wet, hard, some fine to medium sand, few fine to coarse subangular to subrounded gravel up to 1-inch diameter, homogeneous
	2.6					36	LIGHT GRAY SILTY SAND (SM), moist, dense, fine to medium, little fines, few fine to coarse subangular to subrounded gravel up to 1.5-inch diameter, homogeneous
2.1					38		
2.0					40		
1.6							
1.4							
3.0		60					
2.4							
3.9							
3.5							
1.6							
2.1							
4.2							
4.2							
4.2							
0.8			120				

Project: Fromer American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: KWS/SEM
 Ecology Well Tag:

Total Drilled Depth: 115 feet bgs
 Diameter of Boring: 6 inches
 Drill Date: 08/31/17-09/01/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description						
<p>Bentonite Grout</p> <p>Sch. 40 PVC Casing</p>	2.6	MW-137-45	60	42-48	42-48		LIGHT GRAY SILTY SAND (SM), moist, dense, fine to coarse, some fines, few fine subangular to subrounded gravel up to 0.75-inch diameter, homogeneous						
	2.8												
	3.2												
	2.0												
	1.3												
	2.9												
	2.3												
	1.4												
	1.1												
	2.5												
	4.4	MW-137-75	120	50-56	50-56		LIGHT GRAY SILT (ML), moist, firm, few fine sand, sample collected for grain size analysis at 50 feet: soil sample for physical analysis LIGHT GRAY SILTY SAND (SM), moist, dense, fine to coarse, some fines, few fine subangular to subrounded gravel up to 0.75-inch diameter, homogeneous						
	5.3												
	4.4												
	6.3												
	6.7												
	5.3												
	4.1												
	- 60 to 70 feet bgs fell out of the sampler and was recovered very loose and wet												
	3.9							MW-137-76 -W B-905-60-W	120	60-68	60-68		LIGHT GRAY SANDY SILT (ML), wet, firm, some fine to coarse sand, few fine subangular to subrounded gravel up to 0.5-inch diameter, homogeneous
	4.8												
2.4													
5.5													
4.7													
4.6													
3.6													
3.5													
at 75 feet: water Color-Tec reading <0.003 mg/L, soil Color-Tec reading <0.003 mg/kg													
at 78 feet: moist, little fine to medium sand, trace gravel.													
at 80 feet: some sand, few gravel													

Project: Former American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: KWS/SEM
 Ecology Well Tag:

Total Drilled Depth: 115 feet bgs
 Diameter of Boring: 6 inches
 Drill Date: 08/31/17-09/01/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description	
<p>Sch. 40 PVC Casing</p> <p>Bentonite Grout</p> <p>Bentonite Chips</p> <p>10x20 Sand</p> <p>0.020-inch Sch. 40 PVC Screen</p> <p>End Cap</p>	4.1	MW-137-85	60		82			
	2.5							
	3.3							
	1.5							
	3.0							
	4.2	MW-137-95	120		86		at 90 feet: sample collected for physical analysis	
	2.4							
	5.6							
	5.3							
	5.4							
	4.8	MW-137-107-W	96	36		94		at 95 feet: soil Color-Tec reading <0.003 mg/kg
	2.7							
	9.1							
	5.0							
	4.9							
6.5	MW-137-115	108			102		LIGHT GRAY SILTY SAND (SM) wet, very dense, fine to medium, some fines, few fine subangular to subrounded gravel up to 0.5-inch diameter at 103 feet: soil Color-Tec reading <0.003 mg/kg LIGHT GRAY TO LIGHT BROWN SAND (SP), wet, loose, fine to medium, few fines, orange mottling at 107 feet: water Color-Tec reading <0.003 mg/L at 115 feet: soil Color-Tec reading <0.003 mg/kg, soil collected for physical analysis	
6.6								
7.8								
28.3								
1.9								
7.0	MW-137-115	108			108		at 115 feet: soil Color-Tec reading <0.003 mg/kg, soil collected for physical analysis Bottom of Boring at 115.3 feet. Well Completion Details: Well constructed with 2-inch Schedule 40 PVC pipe and a 0.020-inch machine slotted screen with 10x20 Colorado Silica Sand. Total Well Depth: 115.3 feet.	
16.9								
13.1								
7.2					112			
5.4					114			
					116			
					118			
					120			

Project: Former American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: KWS/SEM
 Ecology Well Tag:

Total Drilled Depth: 115 feet bgs
 Diameter of Boring: 6 inches
 Drill Date: 08/31/17-09/01/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
					122		Well Sump/Endcap: 115.0 to 115.3 feet. Well Screen: 105.0 to 115.0 feet. Filter Pack: 103 to 115.3 feet. Well Seal: 2 to 100 feet (bentonite grout), and 100 to 103 (hydrated bentonite chips). Surface Seal: 0 to 2 feet (concrete). Well Monument: Flush with grade steel monument.
					124		
					126		
					128		
					130		
					132		
					134		
					136		
					138		
					140		
					142		
					144		
					148		
					148		
					150		
					152		
					154		
					156		
					158		
					160		

Project: Fromer American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: KWS/SEM
 Ecology Well Tag:

Total Drilled Depth: 115 feet bgs
 Diameter of Boring: 6 inches
 Drill Date: 08/31/17-09/01/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
					0		Concrete (14 inches)
	2.7				2		BROWN SAND WITH SILT AND GRAVEL (SP), moist, loose, fine to coarse, some subrounded to subangular gravel up to 1.25-inch diameter, few fines, trace cobbles, soil cleared with air knife to 7 feet bgs (FILL)
	6.8				4		
	4.7		120		6		
	1.1				8		
	0.7				10		
	0.9				12		
	1.1				14		
	2.2		60		16		
	8.5				18		
					20		
	16.4				22		BROWN SAND WITH SILT AND GRAVEL (SP), moist, dense, fine to coarse, little subrounded gravel up to 0.5-inch diameter, few fines (FILL)
	15.3				24		
	14.6				26		
	15.7		120		28		
	17.5				30		
	11.9				32		
	15.4				34		
	11.5				36		
	13.8				38		
	17.3		60		40		
	17.5						GRAY SILTY SAND (SM), moist, fine to coarse, little fine subangular to subrounded gravel up to 0.75-inch diameter, little fines
	3.5				36		
	11				39		
	11.7				40		
	10.4						
	12.1						

Project: Fromer American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: KWS/SEM
 Ecology Well Tag: BKA 296

Total Drilled Depth: 115.3 feet bgs
 Diameter of Boring: 8" 0-40 ft & 6" 40-115.3 ft
 Drill Date: 09/12/17-09/15/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
	14.6	MW-138-45	120	-	42		GRAY SANDY SILTY (ML), moist, some fine to medium sand, few fine subangular to subrounded gravel up to 0.5-inch diameter at 51 feet: fine to coarse sand, little gravel
	14.7						
	18.1						
	19.4						
	19.7						
	20.5						
	20.7						
	15.3						
	19.3						
	6.4						
	0.2	MW-138-56	120	-	54		GRAY SILT (ML), moist, hard, few fine subangular to subrounded gravel up to 0.5-inch diameter, few fine sand
	8.4						
	0						
	0.2						
	1.1						
	10.4						
	9.7						
	7.7						
	9						
	46.6						
	41.7	MW-138-65 B-910-90	120	-	60		GRAY SILTY SAND (SM), moist, dense, some fines, few fine subangular to subrounded gravel up to 0.5-inch diameter at 65 feet: sample collected for physical analysis, soil Color-Tec reading <0.003 mg/kg
	20.8						
	14.4						
	3.6						
	0						
	0.1						
	0.2						
	10.7						
	13.1						
	10.7						
	12.4	MW-138-75	120	-	68		GRAY SILT (ML), moist, very hard, some fine sand GRAY SANDY SILT (ML), moist, firm, some fine to coarse sand, few fine to coarse subangular to subrounded gravel up to 1-inch diameter GRAY SILT (ML), moist, very hard, few fine subangular to subrounded gravel up to 0.75-inch diameter, few fine sand
	12.7						
	12.2						
	13.6						
	10.7						
	13.1						

Project: Fromer American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: KWS/SEM
 Ecology Well Tag: BKA 296

Total Drilled Depth: 115.3 feet bgs
 Diameter of Boring: 8" 0-40 ft & 6" 40-115.3 ft
 Drill Date: 09/12/17-09/15/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
	11.3	MW-138-85	120	-	82		GRAY SANDY SILT (ML), moist, firm, some fine to coarse sand, few fine subangular to subrounded gravel up to 0.5-inch diameter
	1.1				84		GRAY SILT WITH SAND (ML), moist, very hard, little fine to medium sand
	10.7				86		GRAY SILTY SAND (SM), medium dense, fine to medium, some fines, few fine to coarse subangular to subrounded gravel up to 1-inch diameter, trace cobbles
	11.9				88		GRAY SANDY SILT (ML), moist, some fine to medium sand
	12.3				90		at 90 feet: fine to coarse sand, few fine subangular to subrounded gravel
	13.3	MW-138-95	60	-	92		at 92 feet: trace cobbles
	10.3				94		GRAY SILTY SAND (SM), moist, some fines, few fine to coarse subangular to subrounded gravel up to 1-inch diameter
	1.7				96		
	11.9				98		
	19				100		GRAY SAND WITH SILT (SP), wet, fine to medium, few fines, homogeneous
	17.1	MW-138-105	60	-	102		at 105 feet: soil Color-Tec reading <0.003 mg/kg, attempted to collect water sample but couldn't drive sampler
	15.4				104		
	2.8				106		GRAY SAND WITH SILT (SP), wet, fine to coarse, few fine to coarse subangular to subrounded gravel up to 1-inch diameter, few fines
	0.7				108		at 110 feet: brown, loose, medium sand
	0.8				110		
0.9	MW-138-115 MW-138-115-W	60	-	112		at 115 feet: collected sample for grain size analysis, soil Color-Tec reading <0.003 mg/kg, drove water sampler and collected sample with bailer, water Color-Tec reading <0.003 mg/L	
0.8				114			
1.8				116		Bottom of Boring at 115.3 feet.	
1.5		0		118		Well Completion Details: Well constructed with 2-inch Schedule 40 PVC pipe and a 0.020-inch machine slotted screen with 10x20 Colorado Silica Sand.	
				120		Total Well Depth: 115.3 feet.	

Project: Fromer American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: KWS/SEM
 Ecology Well Tag: BKA 296

Total Drilled Depth: 115.3 feet bgs
 Diameter of Boring: 8" 0-40 ft & 6" 40-115.3 ft
 Drill Date: 09/12/17-09/15/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
					122		Well Sump/Endcap: 115.0 to 115.3 feet. Well Screen: 105.0 to 115.0 feet. Filter Pack: 103 to 115.3 feet. Well Seal: 2 to 100 feet (bentonite grout), and 100 to 103 (hydrated bentonite chips). Surface Seal: 0 to 2 feet (concrete). Well Monument: Flush with grade steel monument.
					124		
					126		
					128		
					130		
					132		
					134		
					136		
					138		
					140		
					142		
					144		
					146		
					148		
					150		
					152		
					154		
					156		
					158		
					160		

Project: Fromer American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: KWS/SEM
 Ecology Well Tag: BKA 296

Total Drilled Depth: 115.3 feet bgs
 Diameter of Boring: 8" 0-40 ft & 6" 40-115.3 ft
 Drill Date: 09/12/17-09/15/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
Concrete					0		Concrete (6 inches)
					2		- soil cleared with air knife to 7 feet bgs
	2.2		36		8		YELLOW-BROWN SAND WITH SILT (SP), moist, fine to medium, few fines, abundant clumps of silty sand up to 3-inch diameter, frequent orange staining (FILL?)
	2.5				10		BROWN SILTY SAND WITH GRAVEL (SM), moist, fine to medium, some fines, little fine to coarse subangular to subrounded gravel up to 1-inch diameter, frequent orange staining
	1.6				12		BROWN SILTY SAND WITH GRAVEL (SM), moist, medium, little fine to coarse subangular to subrounded gravel up to 2-inch diameter, little fines, frequent orange staining, higher moisture content than above
	2.3	MW-140-15	120		14		
	2.5				16		ORANGISH-BROWN SILTY SAND (SM), wet, fine to medium, little fines, few fine to coarse subrounded to rounded gravel up to 1.5-inch diameter, grain size varies from fine to medium sand, rare inclusions of finer grained gray to brown soil up to 0.5-inch diameter
	2.9				18		
	4.1				20		GRAY-BROWN SILTY SAND (SM), moist, fine, some fines, few fine to coarse subrounded to rounded gravel up to 0.75-inch diameter
Sch. 40 PVC Casing	1.7				22		at 23 feet: yellow-brown, abundant orange staining
	3.7				24		
	4.5	MW-140-25	120		26		GRAY SILTY SAND (SM), moist, fine to medium, some, few fine to coarse subrounded to rounded gravel up to 1.75-inch diameter
	0.1				28		
	0				30		
	0				32		
Bentonite Grout	5.4				34		GRAY SILTY SAND (SM), moist, fine to medium, some fines, few fine to coarse subrounded to rounded gravel up to 1.5-inch diameter, irregular inclusions of medium sand up to 2-inch diameter
	16.8				36		at 32 feet: wet
	23.8				38		
	33				40		
	24.2	MW-140-35	120		42		GRAY SILTY SAND (SM), moist, fine, some fines, few fine to coarse subrounded to rounded gravel up to 3-inch diameter, rare cobbles
	7.1				44		at 35 feet: soil Color-Tec sample 0.011 mg/kg
	1.8				46		
	9.4				48		
	14.5				50		

Project: Fromer American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: CJD
 Ecology Well Tag: BKA 301

Total Drilled Depth: 140 feet bgs
 Diameter of Boring: 6 inches
 Drill Date: 08/30/17-08/31/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
	24.6	MW-140-45	60	42-46	42		at 46 feet: little fines
	23.3				44		at 48 feet: some fines, trace gravel
	80.6				46		
	42.1				48		
	9.7	MW-140-55	120	48-50	48		at 50 feet: few gravel
	19.1				50		
	17	MW-140-65	60	50-54	52		GRAY SILTY SAND (SM), moist to wet, fine to medium, little fines, few fine to coarse subrounded to rounded gravel up to 1.5-inch diameter
	19.6				54		
	20.6				56		at 56 feet: driller notes very hard drilling
	19.6				58		
	30.4	MW-140-75	120	58-62	60		GRAY SANDY SILT (ML), moist, some fine to medium sand, few fine to coarse subrounded gravel up to 1-inch diameter
	7.5				62		
	2.6	MW-140-85	60	62-66	64		GRAY SILTY SAND (SM), moist, fine to medium, some fines, few fine to coarse gravel up to 1.25-inch diameter
	1.1				66		
	0				68		
	0				70		
	4.6	MW-140-95	120	66-70	68		GRAY SANDY SILT (ML), moist, some fine to medium sand, few fine to coarse subrounded to rounded gravel up to 2-inch diameter
	4.5				70		
	6.2				72		
	5.4				74		
3.5	MW-140-105	120	70-74	76		at 77 feet: little fine sand, no gravel	
4.2				78			
5.7	MW-140-115	120	74-78	76			
2.9				78			
6.3				80		GRAY SILTY SAND (SM), moist to wet, fine to medium, little fines, few subrounded to	

Project: Former American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: CJD
 Ecology Well Tag: BKA 301

Total Drilled Depth: 140 feet bgs
 Diameter of Boring: 6 inches
 Drill Date: 08/30/17-08/31/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
<p>Sch. 40 PVC Casing</p> <p>Bentonite Grout</p>	2.9	MW-140-90	120		82		rounded gravel up to 2-inch diameter at 80 feet: drive SPT ring sampler for physical analysis
	1.4				84		GRAY SAND WITH SILT (SP), moist to wet, fine to medium, few fine to coarse subrounded to rounded gravel up to 2.5-inch diameter, few fines
	2.1				86		
	3.6				88		DARK GRAY SILTY SAND (SM), moist to wet, fine sand, little fines
	1.1				90		
	1.3				92		at 92 feet: few gravel
	2.1				94		
	1.7				96		BROWN SAND (SP), wet, medium, few fines, trace fine subrounded gravel, grain size varies from fine to medium sand and medium sand over 1-foot intervals at 95 feet: attempted to collect water sample but couldn't advance sampler
	1.1				98		
	2.2				100		at 100 feet: yellow-brown, fine to medium sand, abundant orange staining, collected sample for physical analysis
	1.5	102					
	1.2	104	at 103 feet: orange-brown, dark orange staining				
	2.1	106	at 105 feet: yellow-brown, rare bright orange staining at 106 feet: gray				
	7.4	108					
	7.1	110					
	7.3	112	GRAY SILTY SAND (SM), wet fine, little fines, occasional inclusions of green-black silty sand				
	6.4	114					
	1.3	116					
	2.7	118					
	3.1	120	GRAY SAND WITH SILT (SP), wet, medium to coarse, few fine to coarse subangular to				
3.1							
3.2							

Project: Fromer American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: CJD
 Ecology Well Tag: BKA 301

Total Drilled Depth: 140 feet bgs
 Diameter of Boring: 6 inches
 Drill Date: 08/30/17-08/31/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
Bentonite Grout	2.1						subrounded gravel up to 2-inch diameter, few fines at 120 feet: soil Color-Tec reading <0.003 mg/kg
Sch. 40 PVC Casing	2.4				122		
	3				124		
Bentonite Chips	3.5				126		
	3.2				128		GRAY SAND WITH SILT AND GRAVEL (SP), wet, medium to coarse, some fine to coarse subangular to subrounded gravel up to 3-inch diameter, few fines
	3.5				128		
	2.3	MW-140-130	120		130		at 130 feet: soil Color-Tec reading <0.003 mg/kg
	3.1				132		
10x20 Sand	2.1				134		
0.020-inch Sch. 40 PVC Screen	1.6				136		GRAY SILTY SAND (SM), wet, fine to medium, some fines, few fine subrounded gravel
	1.7		60		136		
	3.1				138		
End Cap	1.2	MW-140-140			140		GRAY SILTY GRAVEL WITH SAND (GM), wet, fine to coarse subangular to subrounded gravel, some fine to coarse sand, little fines at 140 feet: soil Color-Tec reading <0.003 mg/kg
					140		Bottom of Boring at 140 feet.
					142		Well Completion Details: Well constructed with 2-inch Schedule 40 PVC pipe and a 0.020-inch machine slotted screen with 10x20 Colorado Silica Sand.
					144		Total Well Depth: 139.9 feet.
					146		Well Sump/Endcap: 139.5 to 139.9 feet.
					148		Well Screen: 129.5 to 139.5 feet.
					150		Filter Pack: 128 to 140 feet.
					152		Well Seal: 3 to 123 feet (bentonite grout), and 123 to 128 (hydrated bentonite chips).
					154		Surface Seal: 0 to 3 feet (concrete).
					156		Well Monument: Flush with grade steel monument.
					158		
					160		

Project: Fromer American Linen Supply
 Project Number: 1413.001.02.602
 Site Location: Seattle, WA
 Logged By: CJD
 Ecology Well Tag: BKA 301

Total Drilled Depth: 140 feet bgs
 Diameter of Boring: 6 inches
 Drill Date: 08/30/17-08/31/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



Well Completion	PID (PPM)	Sample ID	Blow Count	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
						0		Lithology consistent with adjacent MW-147. See MW-147 log for lithology.
						2		Air knife/Vac to 5 feet bgs
						4		
						6		
						8		
						10		
						12		
						14		
						16		
						18		
						20		
						22		
						24		
						26		
						28		
						30		
						32		
						34		
						36		
						38		
						40		
						42		
						44		
						46		
						48		
						50		Bottom of Boring at 50.3 feet
						52		Well Completion Details:
						54		Well constructed with 2-inch Schedule 40 PVC pipe and a 0.020-inch machine slotted screen with #2/12 Sand
						56		Total Well Depth: 503 feet
						58		Well Sump/Endcap: 49.9 to 50.3 feet
						60		Well Screen: 39.9 to 49.9 feet
						62		Well Riser: 0.6 to 39.9 feet
						64		Filter Pack: 38 to 50 feet
								Well Seal: 4 to 27 feet (hydrated bentonite chips) & 27 to 38 feet (hydrated bentonite pellets)
								Surface Seal: 0 to 4 feet (concrete)
								Well Monument: Flush with grade 8-inch steel monument

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: RTM
 Ecology I.D.: BKF-349

Total Drilled Depth: 503 feet
 Diameter of Boring: 9 inches
 Drill Date: 3/30/18
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger



Well Completion	PID (PPM)	Sample ID	Blow Count	Sample Recovery	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
Concrete						0		Concrete (6 inches)
	0.0		8		17	4		BROWN SILTY SAND WITH GRAVEL (SM), moist, loose to medium dense, fine to coarse, some fines, few to little fine to coarse gravel
	0.0		8			6		Airknife/Vac to 5 feet bgs
	0.0		8			8		
	0.1	MW-147-10	23	50/6	12	10		
	0.1		50/6			12		LIGHT BROWN SILTY SAND (SM), moist, very dense, fine to medium, some fines, occasional sandier lenses
	0.0		50/6	6	6	14		
	0.0		50/6	6	6	16		
	0.0	MW-147-20	50/6	6	6	18		GRAY BROWN LEAN CLAY (CL), moist, very hard, little fine sand
	0.0		50/6	6	6	20		LIGHT BROWN SILTY SAND (SM), moist, very dense, fine to medium, some fines
Sch. 40 PVC blank casing	0.0		50/6	6	6	24		GRAY SANDY SILT (ML), moist, very hard, some fine to medium sand, trace subrounded gravel up to 0.5-inch diameter
Bentonite Chips	0.0	MW-147-30	50/6	6	6	30		
	0.0		50/6	6	6	32		
	0.0		26	50/6	12	34		
	0.0		50/6	6	6	36		
	0.0	MW-147-40	50/6	6	6	38		GRAY SILTY SAND (SM), moist, very dense, fine to medium sand, little fines
	0.0		50/6	6	6	40		

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: RTM
 Notes: 300 lbs. Hammer w/ D&M

Total Drilled Depth: 81.5
 Diameter of Boring: 9 Inches
 Drill Date: 4/2/16
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger





Well Completion	PID (PPM)	Sample ID	Blow Count	Sample Recovery	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
<p>Sch. 40 PVC blank casing</p> <p>Bentonite Pellets</p> <p>#2/12 Sand Filler Pack</p> <p>0.020-inch Sch. 40 PVC Screen</p>	0.0		50/6	6	44	42		
	0.0	MW-147-50	50/6	6	48	46		GRAY SANDY SILT (ML), moist, very hard, some fine to coarse sand
	0.0					50		
	0.0					52		
	0.0					54		GRAY SILTY SAND (ML), moist, very dense, fine to coarse, some fines, little fine gravel
	0.0	MW-147-60 MW-901-10	50/6	6	58	56		
	0.0					60		
	0.0					62		
	0.0					64		GRAY SANDY SILT (ML), moist, very hard, some fine to medium sand
	0.0					66		
	0.0	MW-147-70	50/6	6	68	66		
	0.0					70		
	0.0					72		
	0.0					74		GRAY SILTY SAND (SM), moist, very dense, fine to medium, some fines, trace fine to coarse subrounded gravel up to 2-inch diameter
	0.0					76		
0.0					78			
0.0	MW-147-80	50/6	6	80	78		GREY SANDY SILT (ML), moist, very hard, some fine to medium sand, trace fine to coarse subrounded gravel up to 1.5-inch diameter, low plasticity	

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: RTM
 Notes: 300 lbs. Hammer w/ D&M

Total Drilled Depth: 81.5
 Diameter of Boring: 9 inches
 Drill Date: 4/2/18
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger



Well Completion	PID (PPM)	Sample ID	Blow Count	Sample Recovery	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
 End Cap	0.0		50/6	6		82		GRAY-GREEN SILTY SAND WITH GRAVEL (SM), moist, very dense, fine to coarse sand, little fine to coarse gravel Extra sample driven from 81 to 81.5 feet bgs due to miscommunication with driller Submitted for grain size analysis
						84		Bottom of borehole @ 81.5 feet bgs Boring backfilled with #2/12 sand from 81 to 81.5 feet bgs
						86		
						88		
						90		
						92		
						94		
						96		
						98		
						100		
						102		
						104		
						106		
						108		
						110		
						112		
						114		
						116		
						118		
						120		

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: RTM
 Notes: 300 lbs. Hammer w/ D&M

Total Drilled Depth: 81.5
 Diameter of Boring: 9 Inches
 Drill Date: 4/2/18
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger



Well Completion	PID (PPM)	Sample ID	Blow Count	Sample Recovery	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
Concrete						0		Concrete (6 inches)
						2		BROWN SILTY SAND WITH GRAVEL (SM), moist to wet, loose, fine to coarse, little fines, little subrounded to subangular gravel, trace roots and debris, (FILL)
	0.0		4		18	4		Airknife/Vac to 5 feet bgs
	0.0		5			6		
						8		BROWN SILTY SAND WITH GRAVEL (SM), moist to wet, medium dense, fine to coarse, little fines, few to little subrounded gravel up to 2-inch diameter
	0.0	MW-148-11	7		12	10		
			10			12		
						14		BROWN SAND WITH GRAVEL (SP), moist to wet, medium dense, fine to medium, few to little subrounded gravel up to 1-inch diameter
	0.0		12		18	16		
			13			18		
			12			20		BROWN SILTY SAND (SM), moist, very dense, fine to medium, little fines, trace subrounded gravel up to 0.5-inch diameter
Bentonite Chips	3.3	MW-148-20	50/6	6		22		
						24		
Sch. 40 PVC blank casing	1.4		50/6	6		26		@ 25 feet bgs orange mottling present
						28		GRAY SILTY SAND (SM), wet, very dense, fine to medium, little fines, trace subrounded gravel up to 0.5-inch diameter
	53.4	MW-148-30	21		12	30		@ 30 feet bgs ColorTec reading <0.007 mg/kg
			50/6			32		
						34		
	34.3		50/6	6		36		
						38		
		MW-148-40				40		

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: KWS
 Notes: 300 lbs. Hammer w/ D&M

Total Drilled Depth: 80.5
 Diameter of Boring: 9 Inches
 Drill Date: 4/9/18
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger



Well Completion	PID (PPM)	Sample ID	Blow Count	Sample Recovery	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
	34.1		50/6	6	42-44	42		GRAY SILTY SAND (SM), moist to wet, very dense, fine to medium, few to little fines, trace subrounded gravel up to 0.5-inch diameter
	15.6		50/6	6	44-46	46		
	7.2	MW-148-50		6	46-50	50		
						52		
	1.0		50/6	6	50-54	54		GRAY SANDY SILT (ML), moist, very hard, little fine to medium sand, low plasticity
	2.3	MW-148-60	50/6	6	54-58	58		DARK GRAY SAND (SP), wet, very dense, fine to medium, trace silt
						60		@ 60 feet bgs sample collected for grainsize analysis
	1.1		31 50/6	12	58-66	66		
	1.0	MW-148-70	50/6	6	66-70	70		GRAY SAND WITH SILT (SP-SM), wet, very dense, fine to coarse, few fines, trace subrounded gravel up to 1-inch diameter
	0.0		60/6	6	70-74	74		Driller noted passing through approximately 1 foot of gravel (GP) GRAY SILTY SAND WITH GRAVEL (SM), wet, very dense, fine to coarse, few to little fines, little subrounded to subangular gravel up to 2-inch diameter
					76			
					78			
					80			

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: KWS
 Notes: 300 lbs. Hammer w/ D&M

Total Drilled Depth: 80.5
 Diameter of Boring: 9 Inches
 Drill Date: 4/9/16
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger



Well Completion	PID (PPM)	Sample ID	Blow Count	Sample Recovery	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
End Cap	3.2	MW-148-80	80/6	6	X	80.5		Bottom of borehole @ 80.5 feet bgs
						82		
						84		
						86		
						88		
						90		
						92		
						94		
						96		
						98		
						100		
						102		
						104		
						106		
						108		
						110		
						112		
						114		
						116		
						118		
						120		

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: KWS
 Notes: 300 lbs. Hammer w/ D&M

Total Drilled Depth: 80.5
 Diameter of Boring: 9 Inches
 Drill Date: 4/9/18
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger



Well Completion	PID (PPM)	Sample ID	Blow Count	Sample Recovery	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
Concrete						0		Concrete (6 inches)
	0.0		50/6	6	4	2		GRAY BROWN SILTY SAND (SM), moist, medium to very dense, fine to coarse, little to some fines, trace subrounded to subangular gravel up to 1-inch diameter
						6		Air knife/Vac to 5 feet bgs
	0.0 0.1 0.0	MW-153-10	12 18 18	17	10	8		
Bentonite Chips						12		
	0.1		50/6	6	14	14		
	0.1 0.1	MW-153-20	33 50/8	12	20	18		
						20		GRAY SANDY SILT (ML), moist, very hard, some fine to medium sand
	0.1		50/6	6	24	22		
Sch. 40 PVC blank casing						24		BROWN GRAY SILTY SAND (SM), moist, very dense, fine to medium, some fines, mottling present
	0.1	MW-153-30	50/6	6	30	26		
Bentonite Grout						30		
	0.0		50/6	6	34	28		
	0.1 0.1	MW-153-40	34 50/5	12	40	36		
						36		GRAY GRAVEL WITH SAND (GP), wet, very dense, fine to coarse, few fines, some medium to coarse sand

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: RTM
 Notes: 300 lbs. Hammer w/ D&M

Total Drilled Depth: 130.5
 Diameter of Boring: 9 Inches
 Drill Date: 3/27/18
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger



Well Completion	FID (PPM)	Sample ID	Blow Count	Sample Recovery	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
<p>Bentonite Grout</p> <p>Sch. 40 PVC blank casing</p>						42		GRAY SILTY SAND (SM), moist, very dense, fine to coarse, some fines, trace rounded gravel
	0.1		31 50/6	12	44	46		GRAY SILTY SAND (SM), moist, very dense, fine to coarse, little to some fines
	0.1	MW-153-50	50/6	5	48	50		GRAY SILTY SAND (SM), moist, very dense, predominantly fine sand with some medium to coarse, some fines, close to being sandy silt
	0.1		50/6	4	54	56		GRAY SILTY SAND (SM), moist, very dense, fine to coarse, some fines, few fine to coarse-subangular to subrounded gravel
	0.1	MW-153-61	80/5	5	60	62		GRAY SANDY SILT (ML), moist, very hard, some fine to medium sand, trace coarse rounded gravel
	0.0		50/6	6	64	66		GRAY SILTY SAND (SM), moist, very dense, fine to medium, some fines, trace subrounded to subangular gravel up to 0.5-inch diameter
	0.1	MW-153-70	80/6	6	68	70		GRAY SANDY SILT (ML), moist, very hard, some fine to medium sand, very consolidated
	0.0		80/6	6	74	76		
	0.0	MW-153-80	80/5	5	78	80		

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: RTM
 Notes: 300 lbs. Hammer w/ D&M

Total Drilled Depth: 130.5
 Diameter of Boring: 9 Inches
 Drill Date: 3/27/18
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger



Well Completion	PID (PPM)	Sample ID	Blow Count	Sample Recovery	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
						82		GRAY SILTY SAND (SM), moist, very dense, fine to medium, little fines
	0.1		60/6	6	84			
						86		
	0.0	MW-153-80	50/6	6	88			GRAY SILTY SAND (SM), moist, very dense, fine to medium, little fines
						90		@ 87 feet bgs driller noted material started to feel softer
						92		
	0.1		50/6	5	94			
						96		Portion of fine sand increases
						98		
	0.0 0.0 0.0	MW-153-100	13 15 15	14	100			
						102		GRAY SILTY SAND (SM), moist, dense, fine to medium, few to little fines
						104		@ 102 feet bgs driller noted material began to feel harder
					106			
					108			
0.0 0.0	MW-153-110	30 50/6	12	110				
					112			GRAY SAND WITH SILT (SP), moist, dense to very dense, fine to medium, trace to few fines
0.1 0.0		37 50/6	12	114				
					116			
					118			
0.1 0.1		40 50/6	12	120				

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: RTM
 Notes: 300 lbs. Hammer w/ D&M

Total Drilled Depth: 130.5
 Diameter of Boring: 9 Inches
 Drill Date: 3/27/18
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger



Well Completion	PID (PPM)	Sample ID	Blow Count	Sample Recovery	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
						122		GRAY SILTY SAND (SM), moist, very dense, fine to medium, little fines
	0.0		50/6	6	124	126		128
	0.1	MW-153-130	50/6	6	130	130		Bottom of borehole @ 130.5 feet bgs
						132		
						134		
						136		
						138		
						140		
						142		
						144		
						146		
						148		
						150		
						152		
						154		
						156		
						158		
						160		

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: RTM
 Notes: 300 lbs. Hammer w/ D&M

Total Drilled Depth: 130.5
 Diameter of Boring: 9 Inches
 Drill Date: 3/27/18
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger



Well Completion	PID (PPM)	Sample ID	Blow Count	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
						0		Lithology consistent with adjacent MW-153. See MW-153 log for lithology.
						2		Air knife/Vac to 5 feet bgs
						4		
						6		
						8		
						10		
						12		
						14		
						16		
						18		
						20		
						22		
						24		
						26		
						28		
						30		
						32		
						34		
						36		Bottom of Boring at 35.6 feet
						38		Well Completion Details: Well constructed with 2-inch Schedule 40 PVC pipe and a 0.020-inch machine slotted screen with #2/12 Sand
						40		Total Well Depth: 35.6 feet
						42		Well Sump/Endcap: 35.2 to 35.6 feet
						44		Well Screen: 25.3 to 35.2 feet
						46		Well Riser: 0.6 to 25.3 feet
						48		Filter Pack: 83 to 95.5 feet
						50		Well Seal: 4 to 23 feet (hydrated bentonite chips)
								Surface Seal: 0 to 4 feet (concrete)
								Well Monument: Flush with grade 8-inch steel monument

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: RTM
 Ecology I.D.: BKF-350

Total Drilled Depth: 35.6 feet
 Diameter of Boring: 9 inches
 Drill Date: 3/30/18
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger



Well Completion	PID (PPM)	Sample ID	Blow Count	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
						0		Lithology consistent with adjacent MW-148. See MW-148 log for lithology.
						2		
						4		
						6		Air knife/Vac to 5 feet bgs
						8		
						10		
						12		
						14		
						16		
						18		
						20		
						22		
						24		
						26		
						28		
						30		Bottom of Boring at 30 feet
						32		Well Completion Details: Well constructed with 2-inch Schedule 40 PVC pipe and a 0.020-inch machine slotted screen with #2/12 Sand
						34		Total Well Depth: 30 feet
						36		Well Sump/Endcap: 29.6 to 30 feet
						38		Well Screen: 19.5 to 29.6 feet
						40		Well Riser: 0.3 to 19.5 feet
						42		Filter Pack: 18 to 30 feet
						44		Well Seal: 4 to 18 feet (hydrated bentonite chips)
						46		Surface Seal: 0 to 4 feet (concrete)
						48		Well Monument: Flush with grade 8-inch steel monument
						50		

Project: Former American Linen Supply
 Project Number: 1413.001.05.304
 Site Location: Seattle, WA
 Logged By: RTM
 Ecology I.D.: BKF-354

Total Drilled Depth: 30 feet
 Diameter of Boring: 9 inches
 Drill Date: 4/10/18
 Drilled By: Cascade Drilling
 Drill Method: Hollow Stem Auger



Well Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
					0		Lithology consistent with adjacent MW-316 See MW-316 log for lithology
					2		
					4		Air knife & vac to 5.5 feet
					6		
				NR	8		
					10		
				NR	12		
					14		
				NR	16		
					18		
				NR	20		
					22		
				NR	24		
					26		
				NR	28		
					30		
				NR	32		
					34		
				NR	36		
					38		
				NR	40		
					42		
				NR	44		
					46		
					48		Bottom of Boring at 48 feet
					50		NR = Not Recorded
					52		Well Completion Details: Well constructed with 2-inch Schedule 40 PVC pipe and a 0.020-inch machine slotted screen with #12-20 Sand
					54		Total Well Depth: 47.7 feet
					56		Well Sump/Endcap: 47.4 to 47.7 feet
					58		Well Screen: 37.5 to 47.4 feet
					60		Well Riser: 0.5 to 37.5 feet
					62		Filter Pack: 36 to 48 feet
					64		Well Seal: 1.2 to 36 feet (hydrated bentonite chips)
							Surface Seal: 0 to 1.2 feet (concrete)
							Well Monument: Flush with grade 8-inch steel monument

Project: Former American Linen Supply
 Project Number: 1413.001.02.501B
 Site Location: Seattle, WA
 Logged By: H. Small
 Ecology Well Tag: BMF-570

Total Drilled Depth: 48 feet
 Diameter of Boring: 6.25 inches
 Drill Date: 9/11/2019
 Drilled By: Holt Services
 Drill Method: Sonic



Well Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
					0		Concrete
					2		GRAYISH BROWN SILTY SAND (SM), moist, fine to medium, some fines, few fine to coarse gravel
					4		Air knife & vac to 5 feet
	0.3	MW-316-5			6		
	0.1		51.6		8		
	0.1	MW-316-10			10		
					12		
					14		GRAYISH BROWN SAND (SP), moist, fine, few fines
		MW-316-15	120		16		GRAYISH BROWN SILTY SAND (SM), moist, fine to medium, some fines, few fine to coarse gravel
					18		
					20		
	0.1	MW-316-20			22		
	0.3				24		
	0.1				26		
	0.5	MW-316-25	120		28		
	0.4				30		
	0.1	MW-316-30			32		
	0.3				34		
	0.2				36		
	0.1	MW-316-35	120		38		at 35 feet: color transitions to gray
0.2				40		at 37 feet: sample collected for physical analysis	
0.1							

Project: Former American Linen Supply
 Project Number: 1413.001.02.501B
 Site Location: Seattle, WA
 Logged By: H. Small
 Notes: BMF-569

Total Drilled Depth: 70.1 feet
 Diameter of Boring: 6 inches
 Drill Date: 9/9/19-9/10/19
 Drilled By: Holt Services
 Drill Method: Sonic



Well Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
	0.7	MW-316-40					
	0.5				42		
	0.6				44		
	0.1	MW-316-45	108		46		
	0.3				48		GRAY SILT WITH SAND (ML), moist, little sand, few gravel
	0.3	MW-316-50			50		DARK GRAY SILTY SAND (SM), moist, some fines, few gravel
	0.2				52		DARK GRAY SILTY SAND WITH GRAVEL (SM), moist, little fines, little gravel
	0.1				54		GRAY SILT WITH SAND (ML), moist, little fine to medium sand, few gravel
	0.3	MW-316-55	120		56		
	0.5				58		DARK GRAY SILTY SAND (SM), moist, little fines, few gravel at 58 feet: sample collected for physical analysis
	0.8				60		GRAY SILTY SAND WITH GRAVEL (SM), wet, little fines, little gravel
	0.6	MW-316-60			62		
	0.2				64		GRAY SILTY SAND (SM), wet, fine to medium, little fines, trace gravel
	0.1	MW-316-65 MW-2001-65	120		66		GRAY SILTY SAND WITH GRAVEL (SM), wet, some gravel, little fines
	0.1				68		
0.1	MW-316-70			70		Bottom of Boring at 70.1 feet	
				72		Well Completion Details: Well constructed with 2-inch Schedule 40 PVC pipe and a 0.020-inch machine slotted screen with #12-20 Sand	
				74		Total Well Depth: 70.1 feet Well Sump/Endcap: 69.8 to 70.1 feet Well Screen: 59.8 to 69.8 feet Well Riser: 0.2 to 59.8 feet Filter Pack: 58 to 67.1 feet Well Seal: 2 to 58 feet (hydrated bentonite chips) Surface Seal: 0 to 2 feet (concrete) Well Monument: Flush with grade 8-inch steel monument	
				76			
				78			
				80			

Project: Former American Linen Supply	Total Drilled Depth: 70.1 feet
Project Number: 1413.001.02.501B	Diameter of Boring: 6 inches
Site Location: Seattle, WA	Drill Date: 9/9/19-9/10/19
Logged By: H. Small	Drilled By: Holt Services
Notes: BMF-569	Drill Method: Sonic



Well Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
					0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60		<p>Lithology consistent with adjacent MW-326 See MW-326 log for lithology</p> <p>Air knife & vac to 5 feet</p>
							<p>Bottom of Boring at 44.7 feet Well Completion Details: Well constructed with 2-inch Schedule 40 PVC pipe and a 0.020-inch machine slotted screen with #12-20 Sand</p> <p>Total Well Depth: 44.7 feet Well Sump/Endcap: 44.5 to 44.7 feet Well Screen: 34.5 to 44.5 feet Well Riser: 0.5 to 34.5 feet Filter Pack: 32 to 44.7 feet Well Seal: 2 to 32 feet (hydrated bentonite chips) Surface Seal: 0 to 2 feet (concrete) Well Monument: Flush with grade 8-inch steel monument</p>

Project: Former American Linen Supply
Project Number: 1413.001.02.501B
Site Location: Seattle, WA
Logged By: R. McLaughlin
Ecology Well Tag: BMF-585

Total Drilled Depth: 44.7 feet
Diameter of Boring: 6.25 inches
Drill Date: 9/11/2019
Drilled By: Holt Services
Drill Method: Sonic



Well Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description	
<p>Concrete</p> <p>Bentonite Chips</p> <p>Sch. 40 PVC Casing</p>					0		Concrete	
					2		BROWN SILTY SAND WITH GRAVEL (SM), moist, fine to medium, some fine to coarse subangular to subrounded gravel (up to 2-inch diameter), trace cobbles (FILL)	
					4		Air knife & vac to 5 feet	
					6		BROWN SILTY SAND (SM), moist, fine to coarse, some fines, few fine to coarse subangular to subrounded gravel	
		0.0	MW-326-5					
		0.0		57				
		0.1						
		0.5						
		0.3						
		0.3	MW-326-10					
		0.0						
		0.2						
		0.4						
		1.1						
		0.9						
		3.2	MW-326-15	120				
		0.9						at 15 feet: wet
		0.8						
		1.7						
		2.3						
		0.8						
		0.6	MW-326-20					
		1.1						
		0.9						
		5.3						
		0.8						
		0.7						
		1.4						
		0.8						
		0.7	MW-326-25	120				
		5.2						
		1.8						
		1.2						
		0.7						
		0.8						
		0.7	MW-326-30					
		3.2						
		1.4						
		1.2						
		0.9						
	1.1	MW-326-35	120					
	2.0							
	0.8							
	0.8							
	1.1							
	1.6	MW-326-40					at 39 feet: fine sand	

Project: Former American Linen Supply
 Project Number: 1413.001.02.501B
 Site Location: Seattle, WA
 Logged By: R. McLaughlin
 Notes: BLR-750

Total Drilled Depth: 100.1 feet
 Diameter of Boring: 6 inches
 Drill Date: 9/9/19-9/10/19
 Drilled By: Holt Services
 Drill Method: Sonic



Well Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description	
	1.0							
	0.9				42			
	1.0						at 43 feet: some fines	
	1.0				44			
	0.8	MW-326-45	120				GRAY SANDY SILT (ML), wet, some fine sand, loose	
	1.0				46			
	0.9						GRAY SILT WITH SAND (ML), wet, little fine sand, loose	
	0.9				48			
	0.8						BROWNISH GRAY SILTY SAND (SM), wet, fine to medium, some fines, mottling	
	0.9	MW-326-50				50		BROWN GRAVEL WITH SAND (GP), wet, fine to coarse, subangular to subrounded, some fine to coarse sand, trace fines, mottling present
	1.2							BROWN SILTY SAND (SM), wet, fine to medium, little fines, trace coarse subangular to subrounded gravel
	1.4					52		
	1.0							at 52 feet: 4-inch layer of coarse subangular to subrounded gravel
	1.3					54		
	1.1	MW-326-55	120			56		
	1.4					58		
	0.9							BROWN SILTY SAND WITH GRAVEL (SM), wet, fine to coarse, little fine to coarse subangular to rounded gravel, little fines, coarsening with depth
	1.3					60		
	1.2	MW-326-60						BROWN SILTY SAND WITH GRAVEL (SM), wet, fine to medium, some fine to coarse subangular to rounded gravel, some fines, trace rounded cobbles
	0.8					62		
0.9					64			
0.9	MW-326-65	120			66		at 65 feet: fines "sticky"	
0.7								
1.2							BROWN SILTY SAND (SM), moist, fine to coarse, little fines, few fine subangular to rounded gravel	
1.1					68			
0.7							at 68 feet: trace gravel	
1.3	MW-326-70				70			
1.2					72			
0.9					74			
1.0					76			
1.1	MW-326-75	120			78			
0.8							GRAY SILTY SAND (SM), wet, fine to coarse, little fines, trace fine gravel, coarsening with depth	
0.7					80			
0.7								
0.9								
1.0								
0.8	MW-326-80							

Project: Former American Linen Supply
 Project Number: 1413.001.02.501B
 Site Location: Seattle, WA
 Logged By: R. McLaughlin
 Notes: BLR-750

Total Drilled Depth: 100.1 feet
 Diameter of Boring: 6 inches
 Drill Date: 9/9/19-9/10/19
 Drilled By: Holt Services
 Drill Method: Sonic



Well Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description	
	0.7						<p>GRAY SAND WITH SILT (SP), wet, fine to medium, few fines, trace subrounded to rounded fine to coarse gravel, homogeneous, gradational contact with unit below</p>	
	0.8				82			
	0.7							
	0.8					84		
	0.9	MW-326-85		120				
	0.8					86		
	0.8					88		
	0.7					88		
	0.8					90		
	0.8	MW-326-90				90		
	1.2					92		
	0.8					92		
	1.1					94		
	0.9					94		
	1.0	MW-326-95 MW-2001-95		120		96		
1.1					96			
1.2					98			
0.8					98			
0.9					100			
1.1	MW-326-100				100			
					102		<p>Bottom of Boring at 100.1 feet () Denotes PID reading taken in bag headspace, all other readings taken in open air immediately adjacent to soil</p> <p>Well Completion Details: Well constructed with 2-inch Schedule 40 PVC pipe and a 0.020-inch machine slotted screen with #12-20 Sand</p> <p>Total Well Depth: 100.1 feet Well Sump/Endcap: 100 to 100.1 feet Well Screen: 90 to 100 feet Well Riser: 0.3 to 90 feet Filter Pack: 88 to 100.1 feet Well Seal: 2 to 88 feet (hydrated bentonite chips) Surface Seal: 0 to 2 feet (concrete) Well Monument: Flush with grade 8-inch steel monument</p>	
					104			
					106			
					108			
					110			
					112			
					114			
					116			
					118			
					120			

Project: Former American Linen Supply
 Project Number: 1413.001.02.501B
 Site Location: Seattle, WA
 Logged By: R. McLaughlin
 Notes: BLR-750

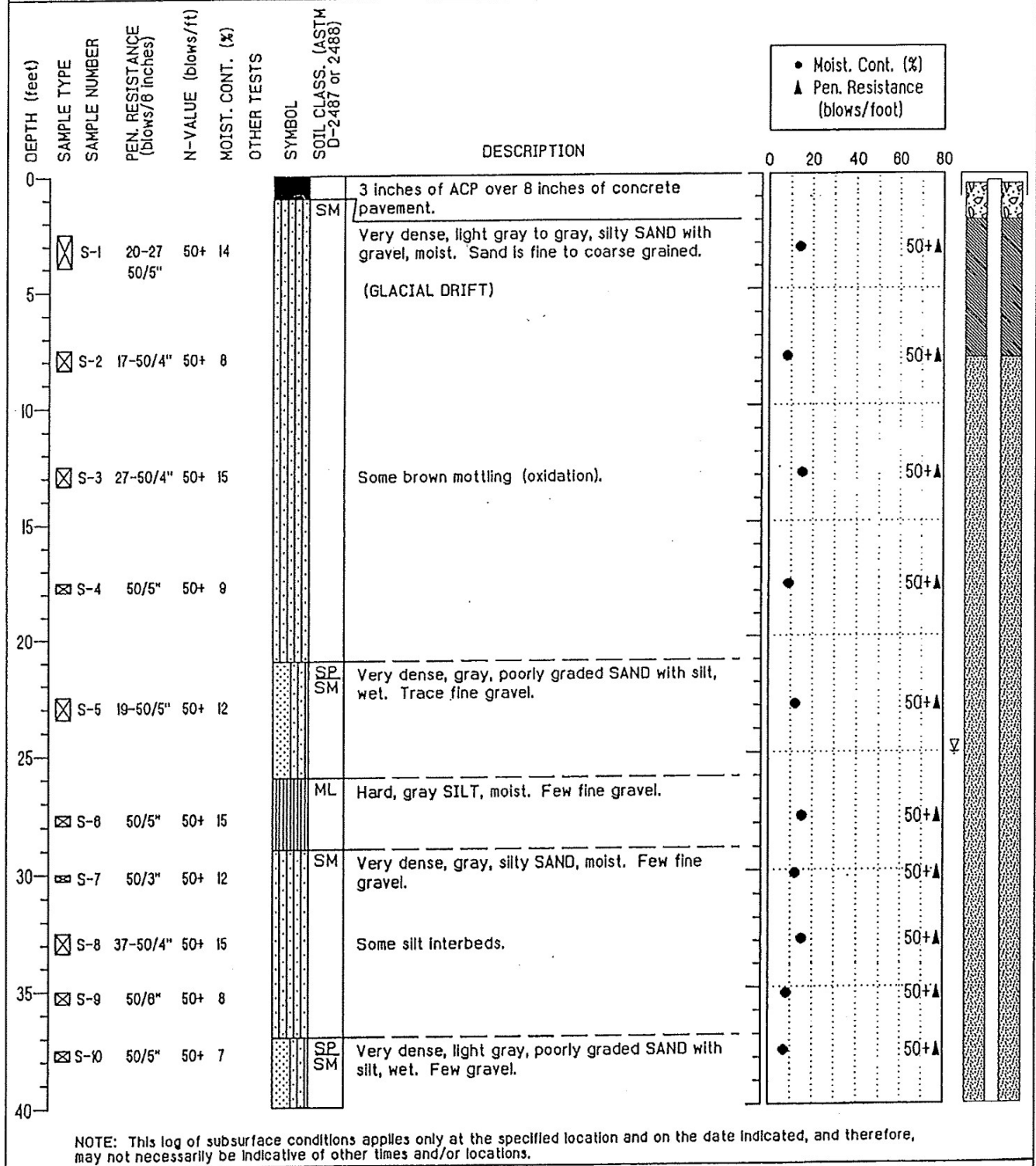
Total Drilled Depth: 100.1 feet
 Diameter of Boring: 6 inches
 Drill Date: 9/9/19-9/10/19
 Drilled By: Holt Services
 Drill Method: Sonic

HONG WEST & ASSOCIATES, INC.

BORING LOG

DRILLING COMPANY: Geoboring & Development, Inc.
 DRILLING METHOD: 4" I.D. Hollow Stem Augers
 SAMPLING METHOD: SPT

TOTAL DEPTH: 100.1 Feet
 SURFACE ELEVATION: 149± Feet
 MEASURING POINT EL.: Feet



NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated, and therefore, may not necessarily be indicative of other times and/or locations.

PROJECT: DENNY WAY CSO

BORING: PB-9

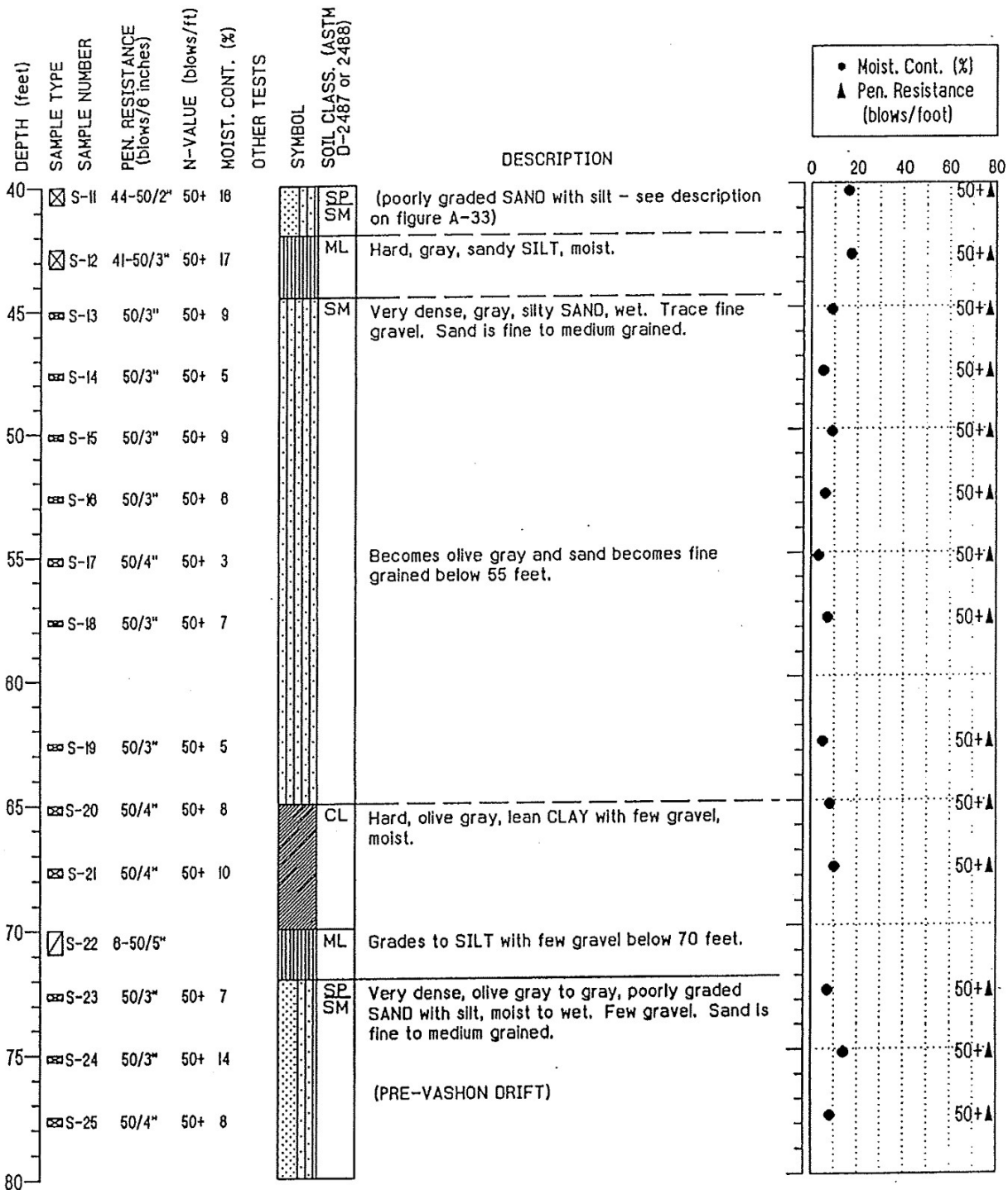
LOCATION: Seattle, Washington

PROJECT NUMBER: 95160-3.3

DATE COMPLETED: 7/15/96

LOGGED BY: R. Dyer

HONG WEST & ASSOCIATES, INC. BORING LOG



PROJECT: DENNY WAY CSO

BORING: PB-9

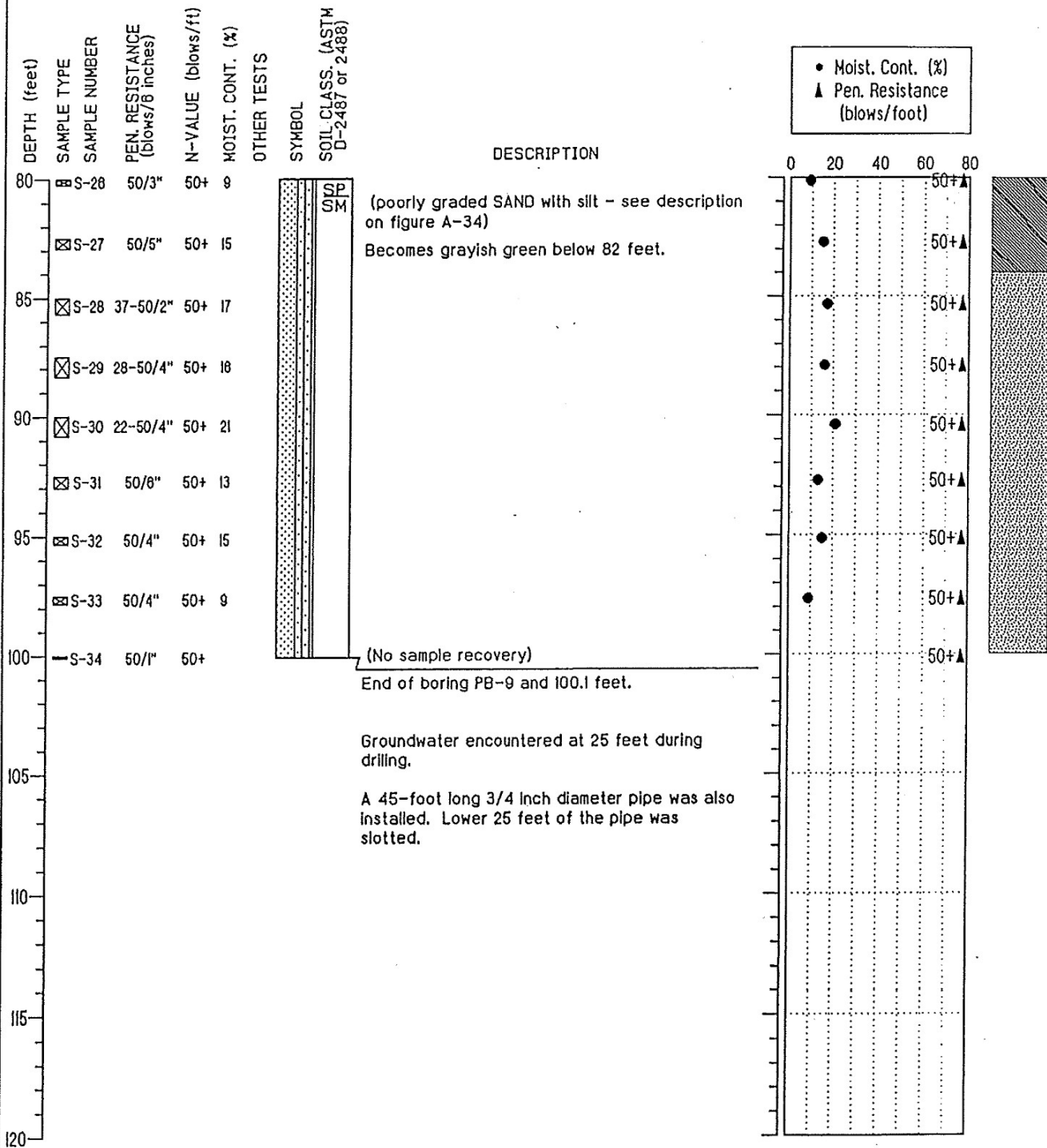
LOCATION: Seattle, Washington

PROJECT NUMBER: 95160-3.3

DATE COMPLETED: 7/15/98

LOGGED BY: R. Dyer

HONG WEST & ASSOCIATES, INC. BORING LOG



PROJECT: DENNY WAY CSO

BORING: PB-9

LOCATION: Seattle, Washington
DATE COMPLETED: 7/15/96
LOGGED BY: R. Dyer

PROJECT NUMBER: 95160-3.3