

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
<p>Bentonite Grout</p>					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				4		
	2.1				6		
	3.3				8		
	3.9				10		at 10 feet: no staining
	3.5			96	12		
	3.7				14		
	1.9				16		
	5.1	B-214-15			18		at 19 feet: slightly coarser sand, few gravel
	2.7				20		
	4.5			60	22		BROWN SANDY SILT (ML), moist, some fine to medium sand, few fine subrounded gravel, non-plastic
	3.5				24		BROWN SANDY SILT (ML), moist, some fine to medium sand, few fine subrounded gravel, non-plastic
	4.6				26		at 25 feet: little gravel
	3.4				28		BROWN SILT WITH SAND (ML), moist, little fine to coarse sand, non-plastic, frequent orange staining
	5.3				30		GRAY SILTY SAND (SM), moist, fine to medium, little fines, few fine to coarse subrounded gravel, subrounded cobbles up to 4-inch diameter
	4.2				32		GRAY SANDY SILT (ML), moist, some fine to medium sand, few fine to coarse subrounded to rounded gravel
	5.1	B-214-25		120	34		at 30 feet: occasional inclusions of medium sand
	3.8				36		
	2.7				38		
3.2				40			
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		
	4.3				44		
	4.8				46		
	3.2				48		
	3.5	B-214-55	60	46-50	46		GRAY SILT WITH SAND (ML), moist, little fine to medium sand, non-plastic
	1.3				48		
	3.4				50		
	2.3				52		
	2.3	B-214-65	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)
	2.9				52		
	1.4				54		
	3.1				56		
	2.4	B-214-75	120	54-58	54		
	3.0				56		
	1.6				58		
	3.1				60		
	1.9	B-214-65	60	58-62	58		at 60 feet: (sample fell out of sampler during bagging and was collected as dry powder)
	3.1				60		
	1.0				62		
	1.3				64		
5.5	B-214-75	120	62-66	62		GRAY SILT WITH SAND (ML), moist, little fine sand, trace fine subangular to subrounded gravel	
4.9				64			
2.8				66			
3.1				68			
3.7	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	
5.0				68			
3.5				70			
4.5				72			
2.1	B-214-75	120	70-74	70		GRAY SILTY SAND (SM), moist, fine to coarse, some fines, few fine to coarse subangular to subrounded gravel up to 2-inch diameter	
7.2				72			
6.0				74			
5.3				76			

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

Project: Former American Linen Supply
 Project Number: 1413.001.02.602
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 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
 <p>Bentonite Grout</p>					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				8		at 8 feet: wet
	4.1		36		9		at 9 feet: moist
	2.1				10		
	5.3				12		
	6.3		60		14		
	6.6	B-215-15			16		
	7.1				17		
	9.8				17		at 17 feet: medium sand
	9.1				18		
	6.7				20		
	6.9				20		BROWN SILTY SAND (SM), moist, fine to medium, some fines, few fine to coarse subangular to subrounded gravel, mottling
	9.5				22		
	9.8				24		BROWN SILTY SAND (SM), moist, fine to medium, little fines, few fine to coarse subangular to subrounded gravel
	10.0	B-215-25	120		26		
	7.9				28		BROWN SILT (ML), moist to wet, hard, few fine sand, non-plastic, orange mottling
	12.7				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
	17.1				32		
	19.2				33		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
21.6				34			
22.1				34		BROWN SILTY SAND WITH GRAVEL (SM), moist, fine to medium, some fines, little fine to coarse subangular to subrounded gravel	
23.0	B-215-35	120		36			
31				38		GRAY SILTY SAND (SM), wet, fine to medium, little fines	
6.7				38			
11.8				40		GRAY SILTY SAND (SM), moist, fine to medium, some fines, few fine to coarse subrounded to rounded gravel up to 1-inch diameter	
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
<p>Bentonite Grout</p>	2.1	B-215-45	120	42-46	42		
	3.7				44		
	6.8				46		
	5.7				48		
	6.8				50		
	10.4	B-215-55	60	50-54	50		at 49 feet: slightly coarser sand, gravel up to 2-inch diameter
	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				56		
	4.7				58		at 58 feet: moist to wet, some gravel up to 3-inch diameter, occasional cobbles
	13.6	B-215-65	120	60-64	60		at 61 feet: few gravel
	17.1				62		
	10.6				64		
	6.7				66		at 65.5 feet: soil Color-Tec reading 0.380 mg/kg
	6.8				68		
	10.9	B-215-75	120	72-76	72		GRAY SANDY SILT (ML), moist, hard, some fine to medium sand, few gravel, non-plastic
	21.4				74		
	46.3				76		
	56.2				78		GRAY SILTY SAND (SM), moist to wet, fine to medium, little fines
	27.6				80		GRAY SANDY SILT (ML), moist, hard, some fine to medium sand, few gravel, non-plastic
21.3							
18.4							
12.7							
13.1							
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

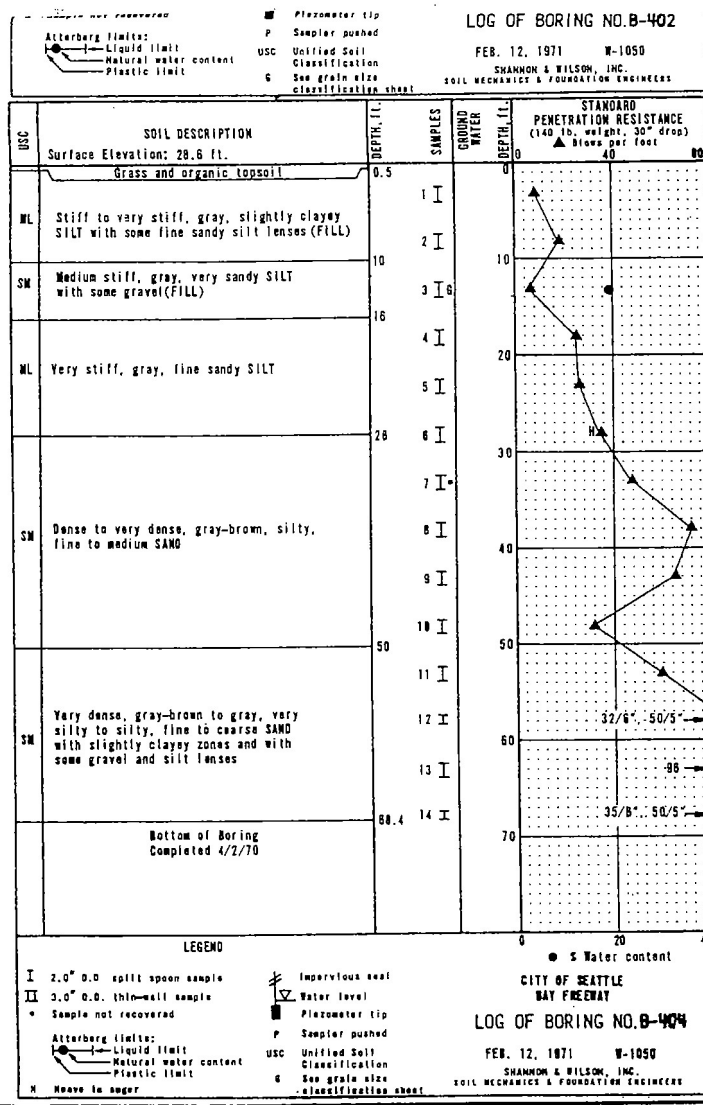
Total Drilled Depth: 95 Feet
 Diameter of Boring: 6 inches
 Drill Date: 09/12/17
 Drilled By: Cascade Drilling
 Drill Method: Sonic



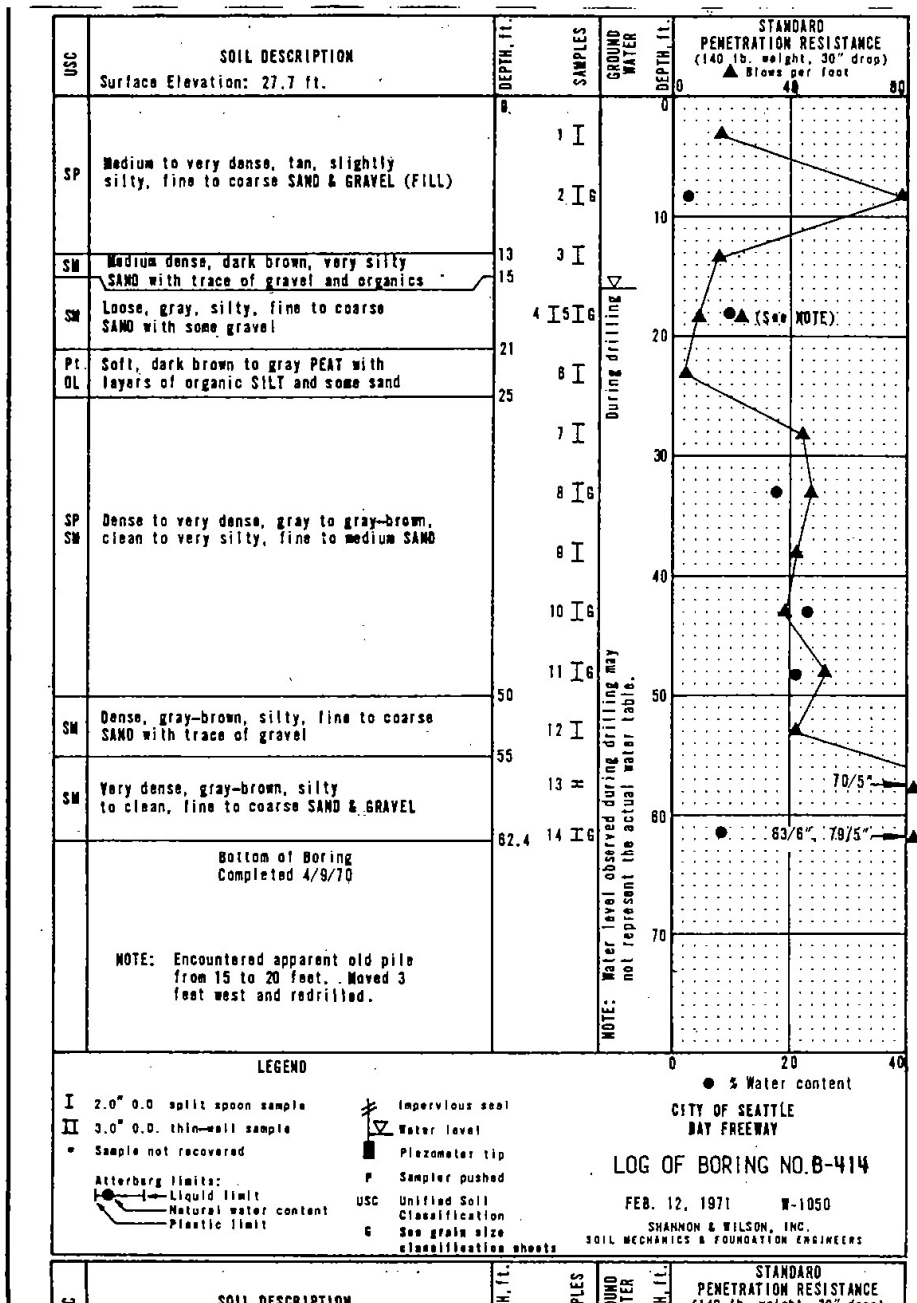
Boring Completion	PID (PPM)	Sample ID	Sample Recovery (in)	Sample Interval	Depth (Feet)	Graphic Log	Lithologic Description
	16.3						
	22.0				82		GRAY SILTY SAND (SM), moist, fine to medium, some fines, few fine to coarse subangular to subrounded gravel up to 1-inch diameter
	31.5				84		
	31.5	B-215-85					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		

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 Drill Method: Sonic

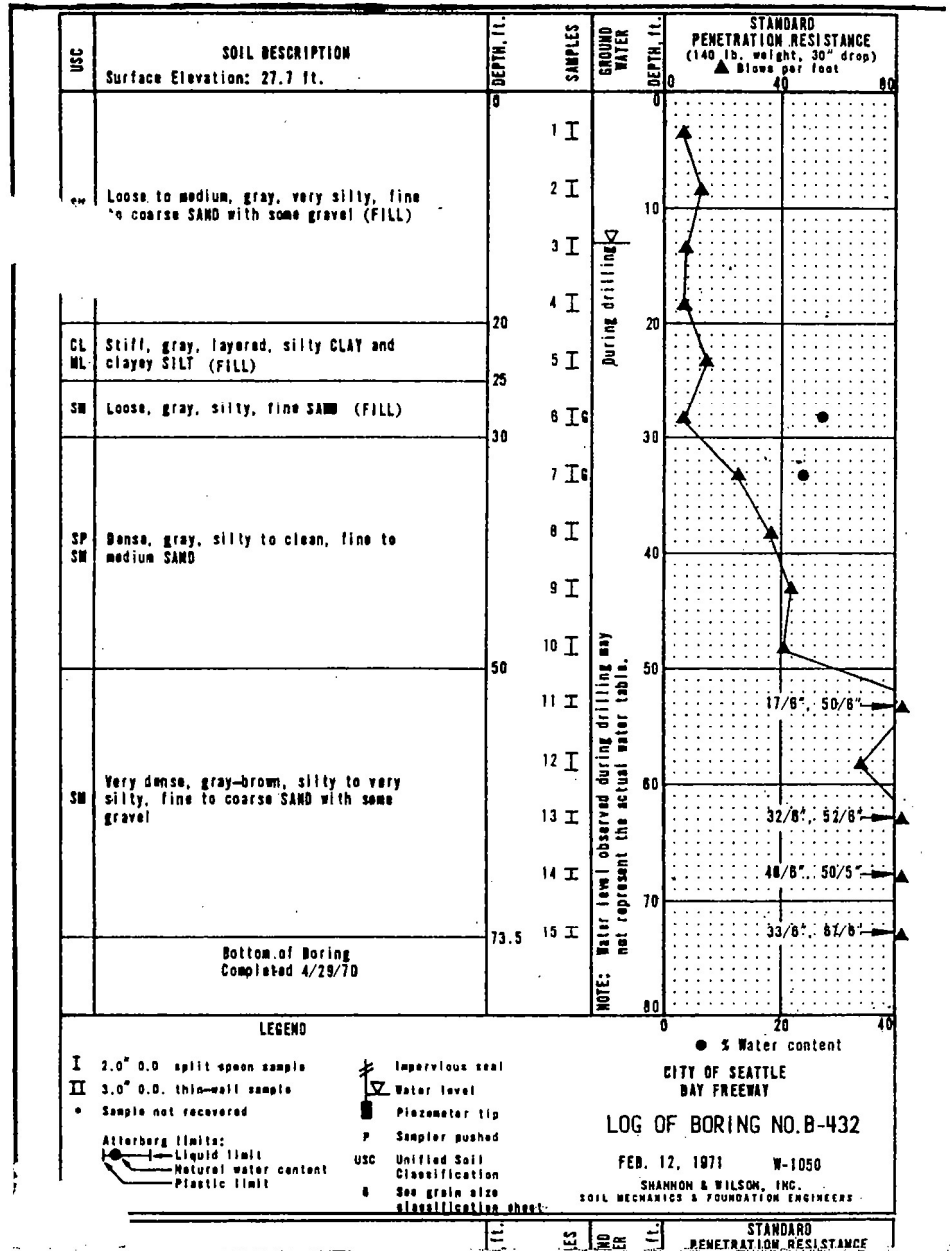


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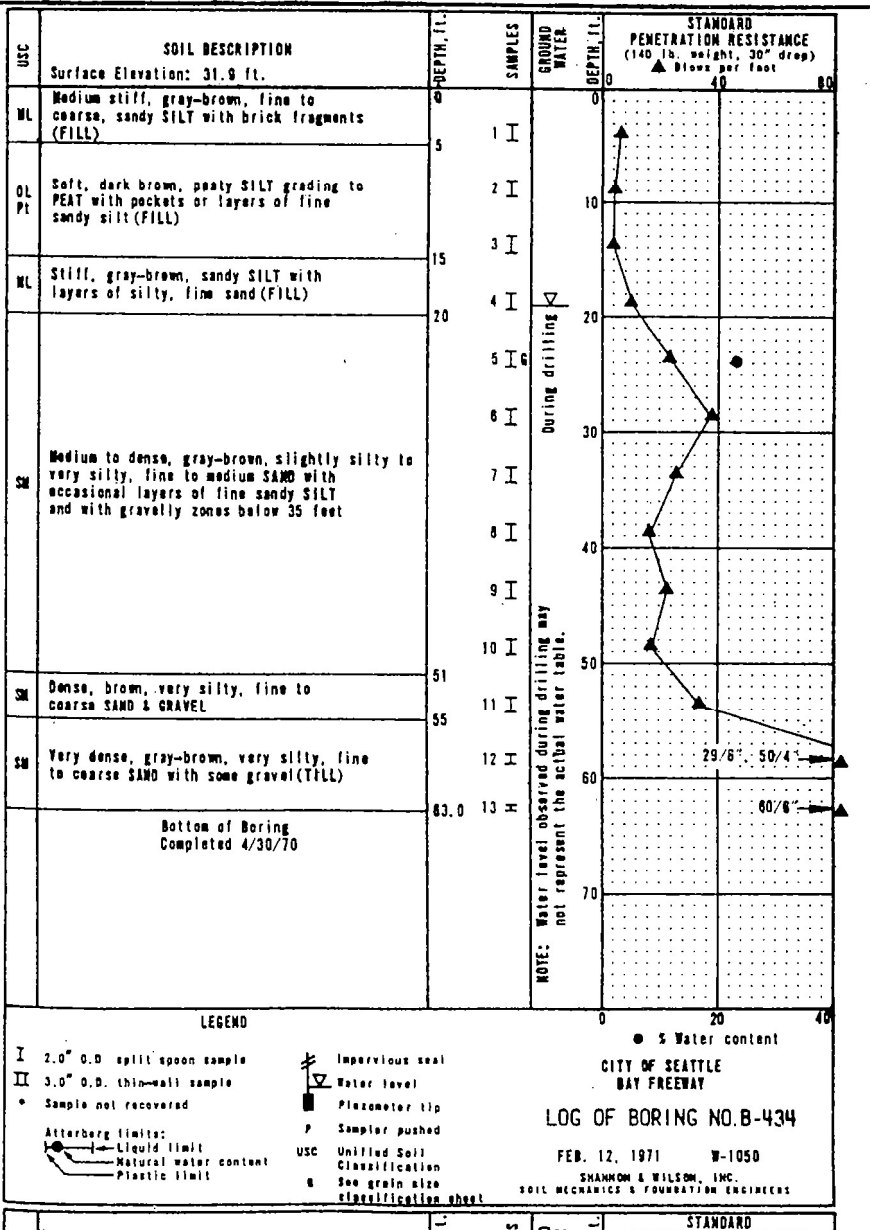


24 - 210, 211

24-210



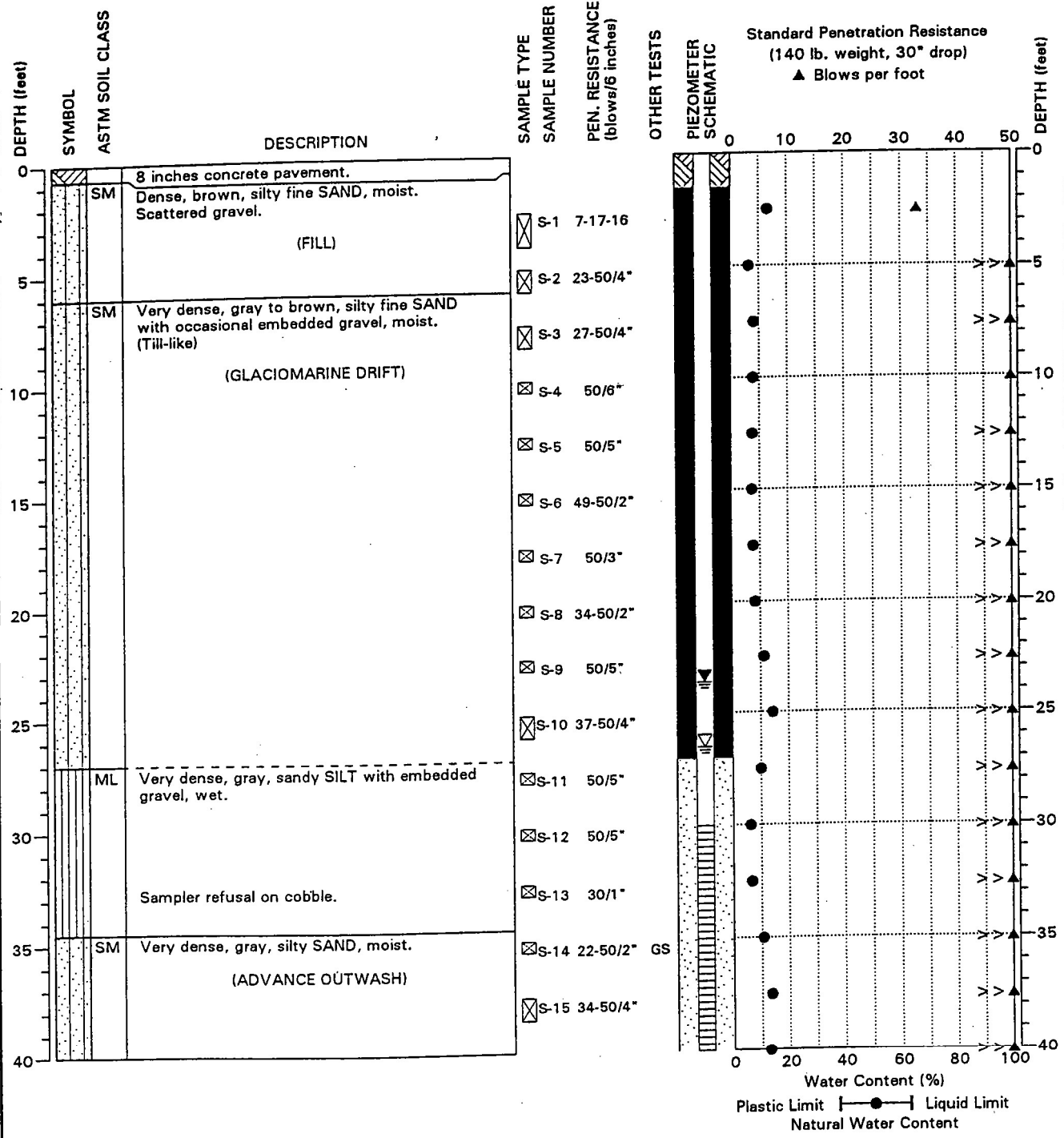
24-212



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

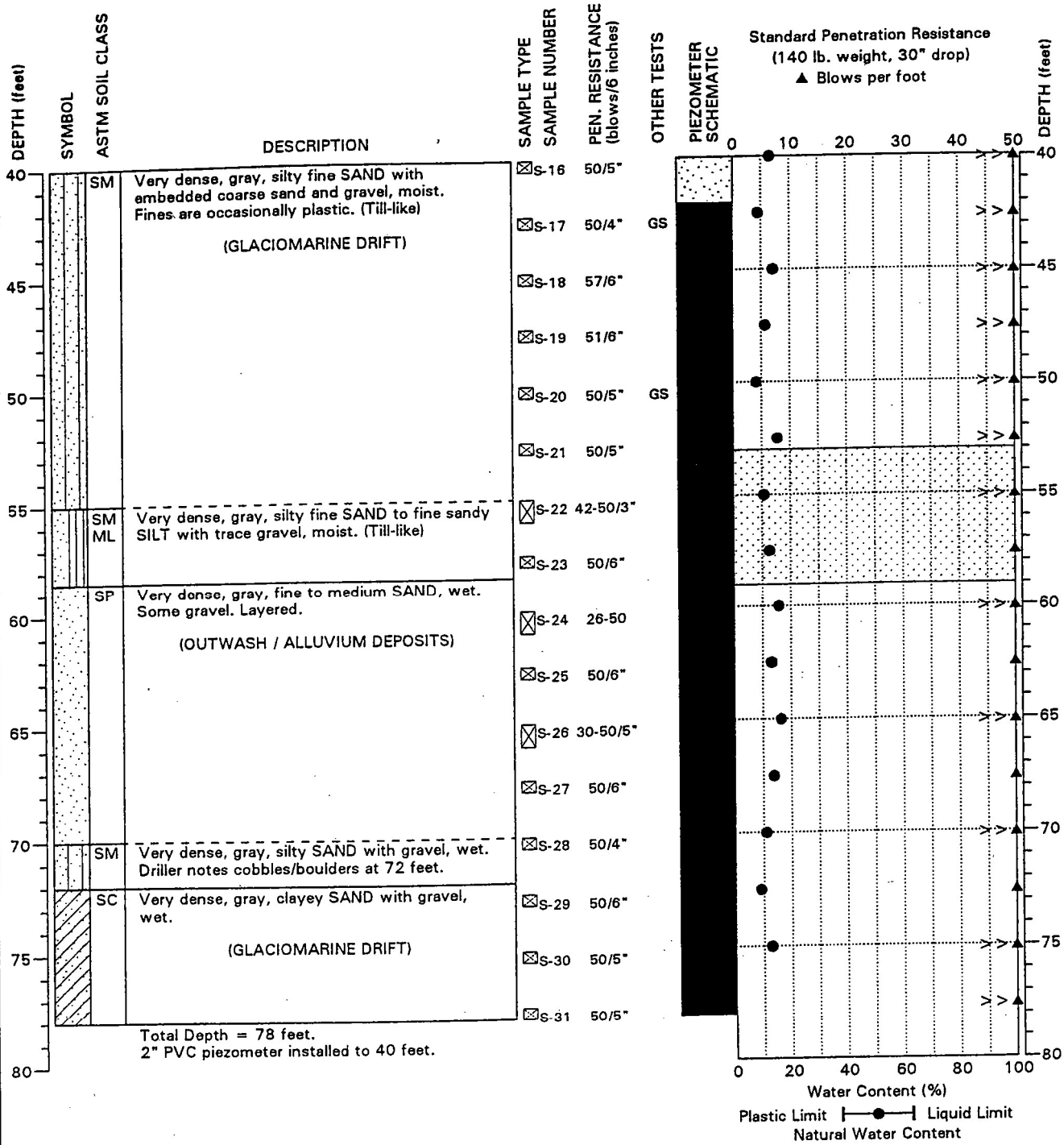
PROJECT NO.: 97061

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

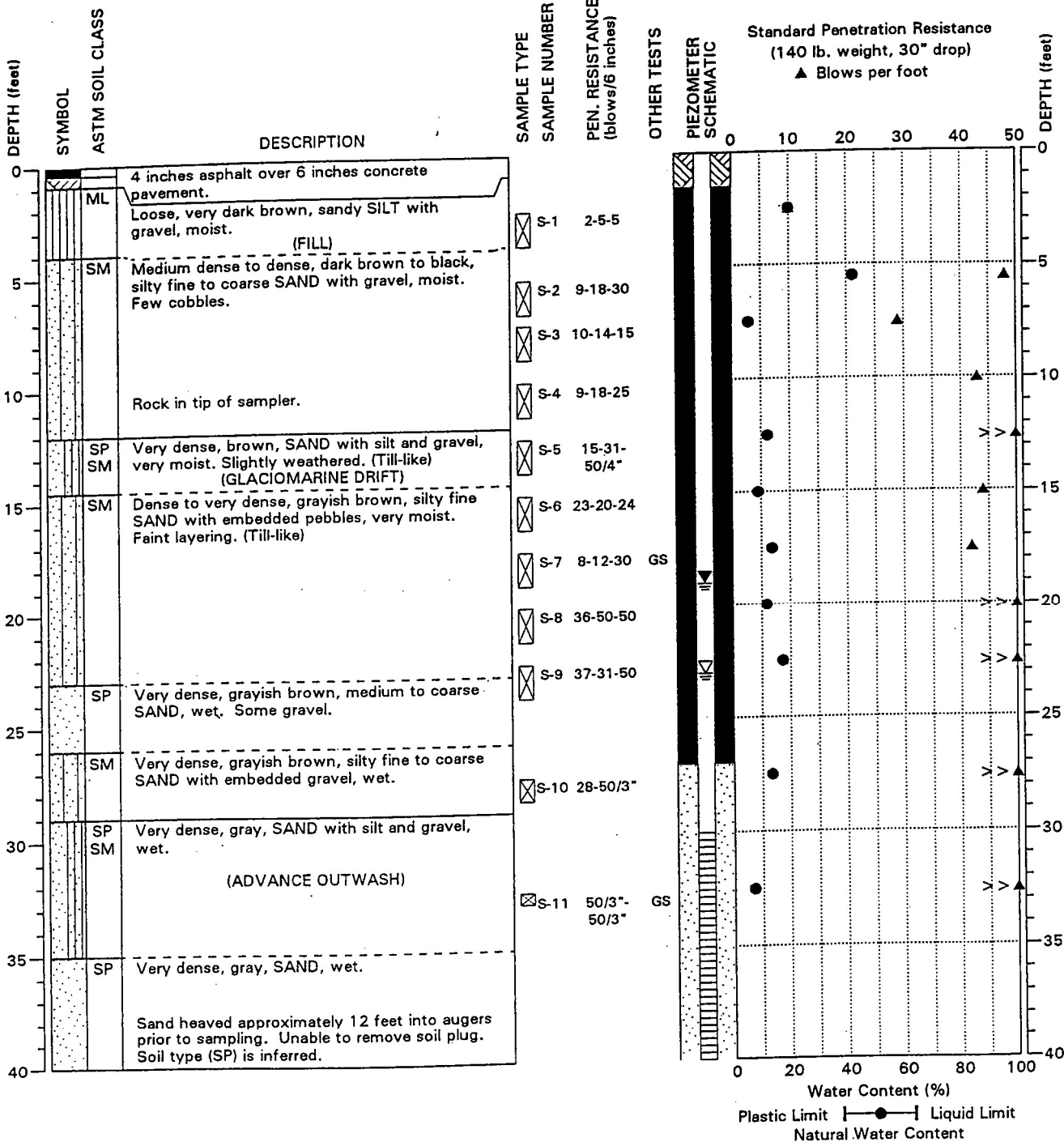
PAGE: 2 of 2

PROJECT NO.: 97061

FIGURE: A-6

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



Denny Way / Lake Union CSO, Contract B
 Seattle, Washington

HWA GEOSCIENCES INC.

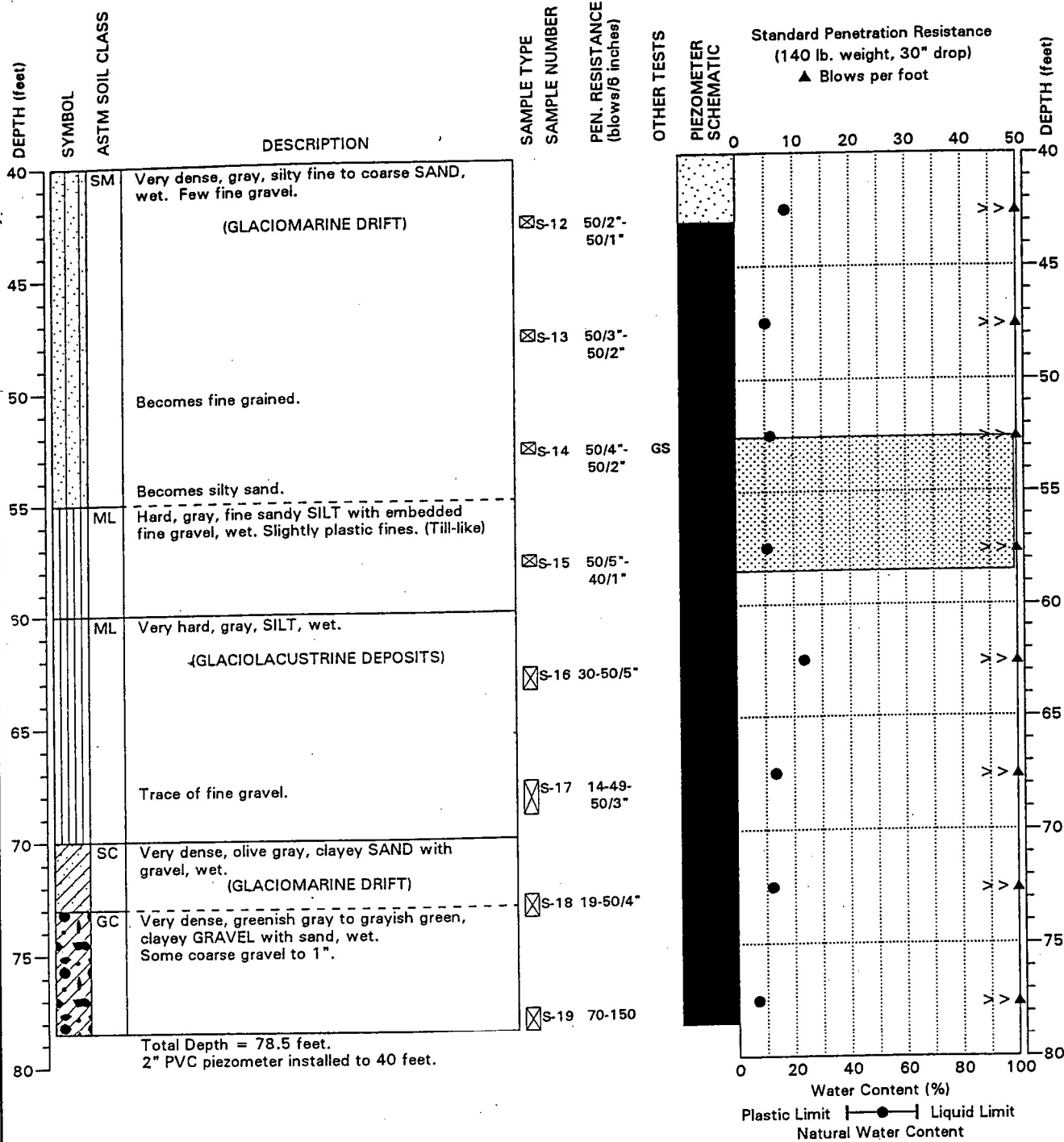
PAGE: 1 of 2

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

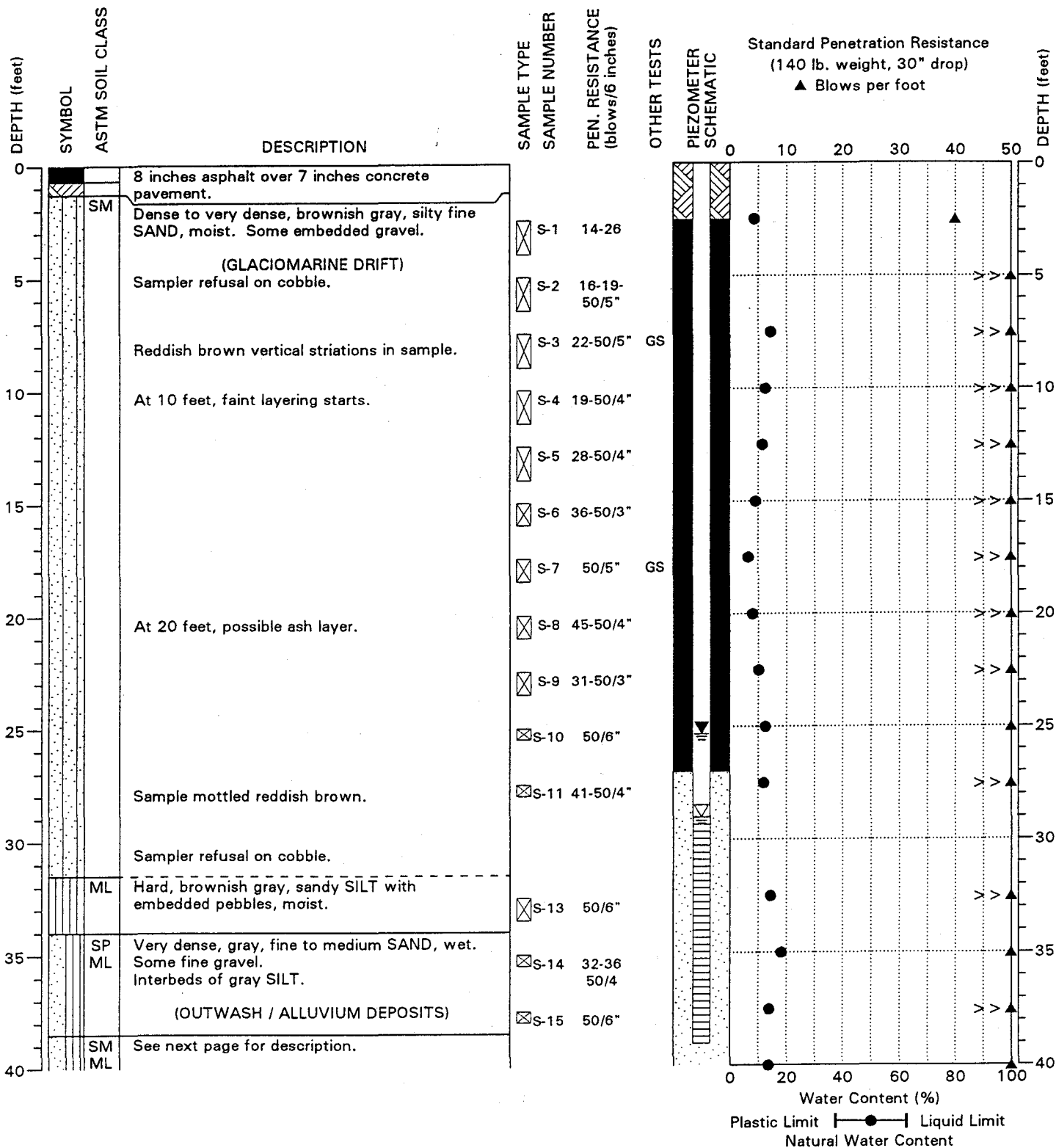
PAGE: 2 of 2

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



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
 Seattle, Washington
 HWA GEOSCIENCES INC.

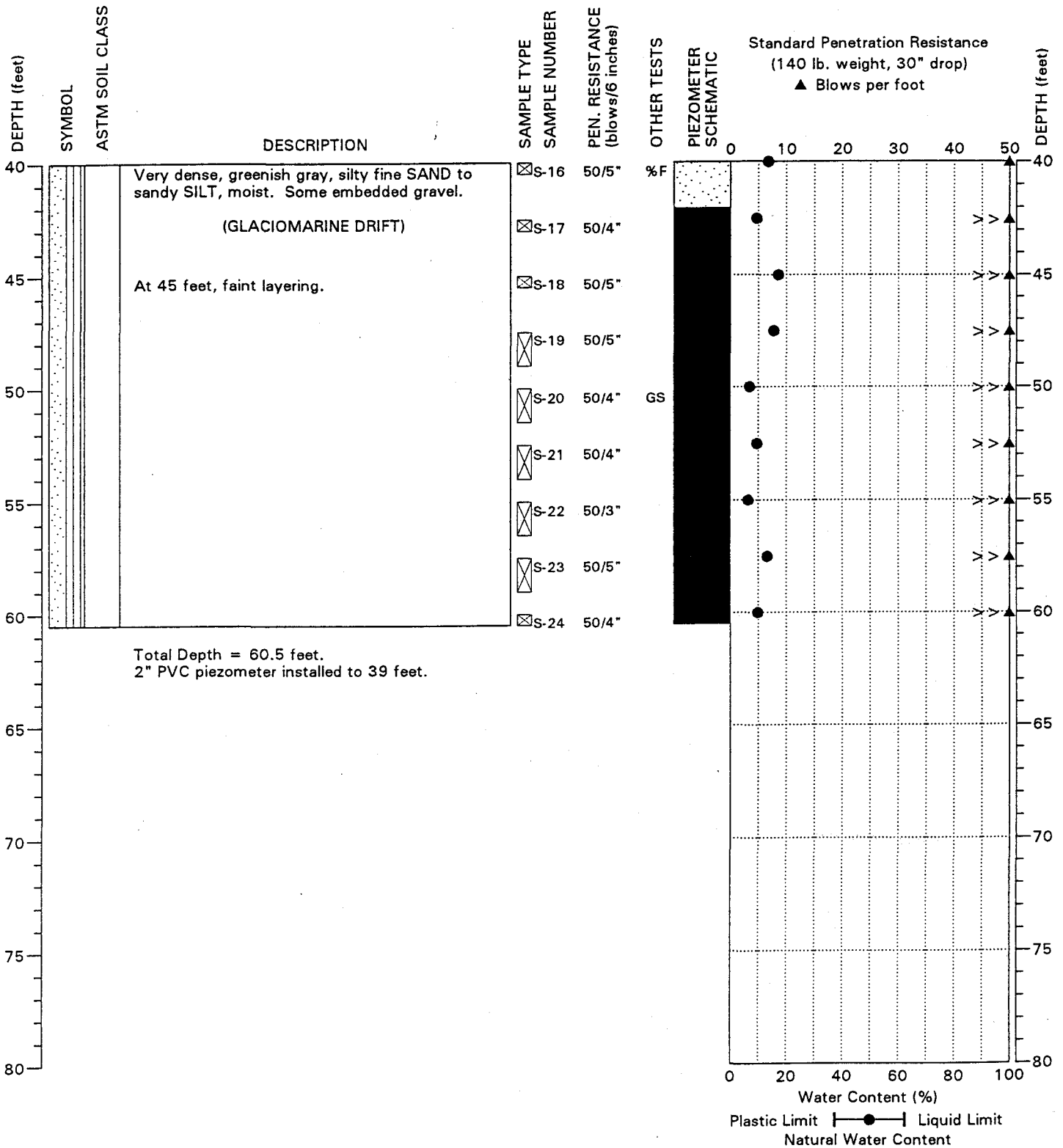
PAGE: 1 of 2

PROJECT NO.: 97061

FIGURE: A-10

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'

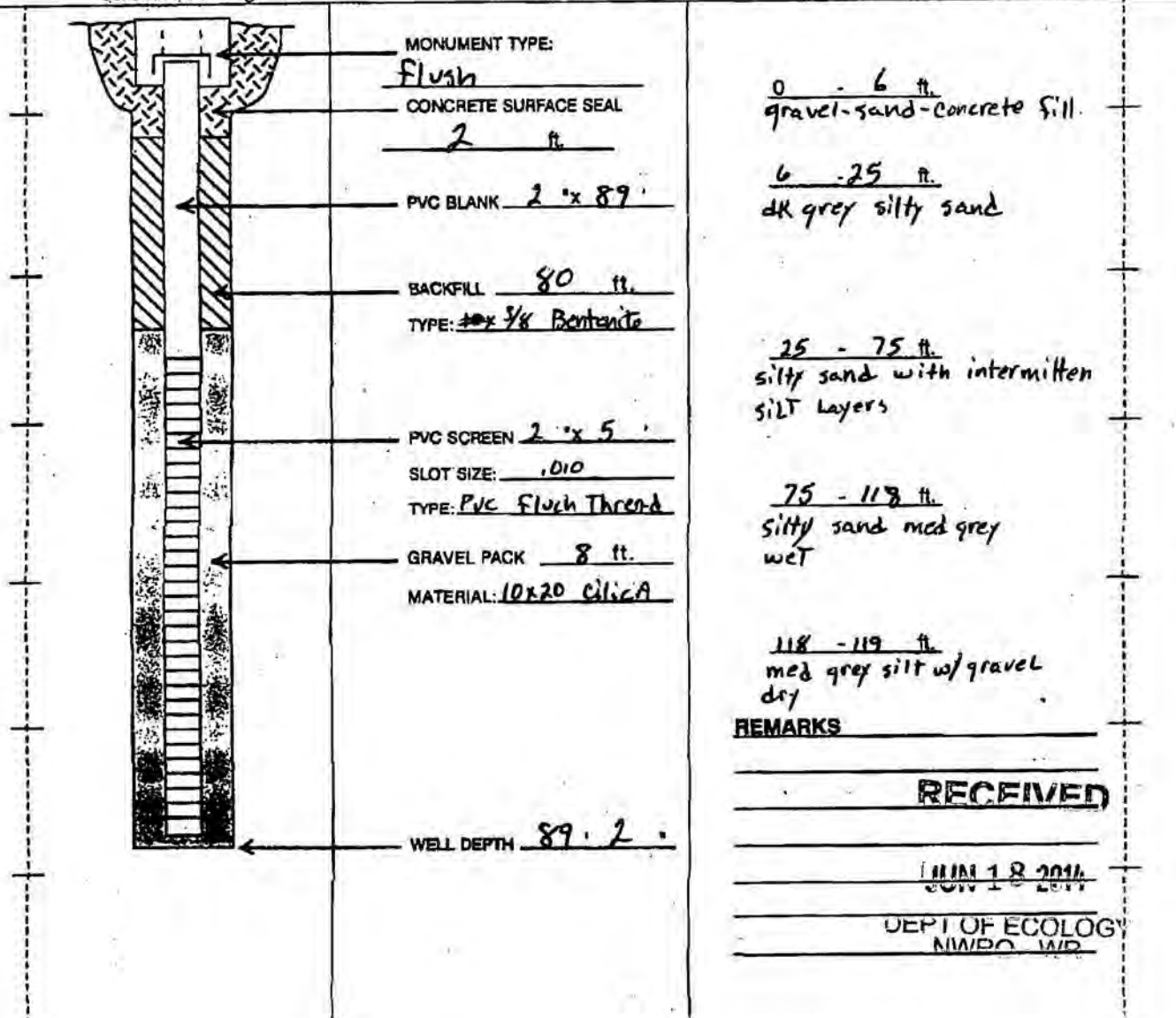
Work/Decommission Start Date 5-13-14

Work/Decommission Completed Date 5-16-14

Construction/Design

Well Data

Formation Description



REMARKS _____

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	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.						
		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 | | Estimated Water Level |
- Run No.

Mercer West Limited Environmental Characterization Report Seattle, Washington	
<h2 style="margin: 0;">LOG OF GEOPROBE GP-7</h2>	
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)
		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.						
		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

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

Mercer West
Limited Environmental Characterization Report
Seattle, Washington

LOG OF GEOPROBE GP-8

August 2012
21-1-21417-130

SHANNON & WILSON, INC. <small>Geotechnical and Environmental Consultants</small>	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	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	
10	G	Gray, sandy GRAVEL, trace of silt; moist; GW.	9.5					10
							GP-9.14-19	
15	G	Gray, gravelly SAND, trace of silt; moist; SW.	14.2					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 | | Estimated Water Level |
| 3 | | 2" Plastic Tube with Soil Recovery | ∇ | |
| | | Run No. | | |

CONTINUED NEXT PAGE

Mercer West
 Limited Environmental Characterization Report
 Seattle, Washington

LOG OF GEOPROBE GP-9

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

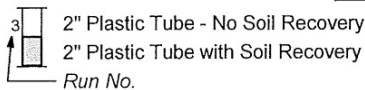
Depth (ft)	Probe Run	Soil Description <small>Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside 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	None Observed During Drilling	21416-MB1:9	
		Light, gray-brown, fine, Silty Sand (SM); dry.	3.0	•••••	0			
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			

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. Geotechnical and Environmental Consultants	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

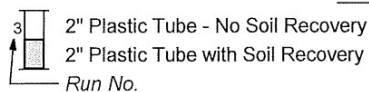
Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
	1	Asphalt.	0.5					
		Olive, coarse Sand Fill with Gravel (SP); dry.			0		21417-MB2:1	
5	2	Hard, gray-brown, fine, Silty Sand (SM); dry.	5.0		0	None Observed During Drilling		5
		Very hard, light gray, Silty Sand (SM); dry; hydrocarbon odor from 9.5 to 10 feet.	9.0					
10		BOTTOM OF GEOPROBE COMPLETED 5/12/2017	10.0				21417-MB2:10	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-MB2	
January 2018	21-1-21417-206
SHANNON & WILSON, INC. Geotechnical and Environmental Consultants	FIG. A-3

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

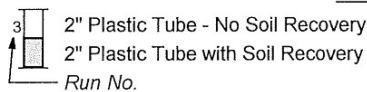
Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
		<i>Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate 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

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

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

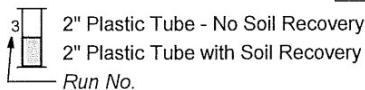
Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
5	5	Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries between soil types. Actual boundaries may be different if soil shifted inside sample tubes during extraction.		•••••	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		
30		BOTTOM OF GEOPROBE COMPLETED 5/12/2017	29.0					

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



Mercer Corridor Project Broad Megablock Phase II Seattle, Washington	
LOG OF GEOPROBE 21417-MB3	
January 2018	21-1-21417-206
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	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)
	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.
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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				
25		BOTTOM OF GEOPROBE COMPLETED 5/12/2017	25.0			During Drilling	21417-MB4:24 21417-MB4:GW	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-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.		[Symbol: Olive Sand]	0	None Observed During Drilling	21417-MB5:9	
5	2	Light gray-brown, Silty Sand (SM) with few gravels; moist.	7.0	[Symbol: Silty Sand]	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 with Soil Recovery
 - 2" Plastic Tube - No Soil Recovery
- Run No.

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB5

January 2018

21-1-21417-206

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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.		•••••				
		Olive, Silty Sand (SM); dry.	2.0	•••••	0			
		Olive, Silty Sand (SM) with trace gravels; gray vein at 9 feet; dry.	3.0	•••••		None Observed During Drilling		
5	2			•••••	0		21417-MB6:9	5
		Olive, Silty Sand (SM) with trace gravels; dry. Refusal at 15 feet.	10.0	•••••	0			10
15	3		15.0	•••••	0			15
		BOTTOM OF GEOPROBE COMPLETED 5/11/2017						

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-MB6

January 2018

21-1-21417-206

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FIG. A-7

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, 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

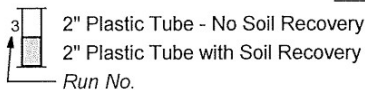
Depth (ft)	Probe Run	Soil Description	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
		Refer to the report text for a proper understanding of the subsurface materials and probing methods. The stratification lines indicated below represent the approximate boundaries 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



Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB7

January 2018

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FIG. A-8

LOG OF GEOPROBE

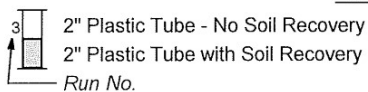
Date Started	5/11/17	Location	North of Sediment Ponds Near 802 Roy	Ground Elevation:	Approx. NA feet
Date Completed	5/11/17			Typical Run Length	5 feet
Total Depth (ft)	28.0	Drilling Company:	Holt	Hole Diameter:	2 inches

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				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



CONTINUED NEXT PAGE

Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB8

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21-1-21417-206

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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>	28.0	0.1	0		21417-MB8:27	25
25		<p>BOTTOM OF GEOPROBE COMPLETED 5/11/2017</p>						30
30								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.

Mercer Corridor Project
 Broad Megablock Phase II
 Seattle, Washington

LOG OF GEOPROBE 21417-MB8

January 2018 21-1-21417-206

SHANNON & WILSON, INC. <small>Geotechnical and Environmental Consultants</small>	FIG. A-9 <small>Sheet 2 of 2</small>
--	--

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

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Mercer Corridor Project
Broad Megablock Phase II
Seattle, Washington

LOG OF GEOPROBE 21417-MB9

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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	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.	25.0		0.1		21417-MB9:22	25
25			BOTTOM OF GEOPROBE COMPLETED 5/11/2017					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
- 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

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	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 Typ: LKN Rev: BOM Log: BOM

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 <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>	Depth, ft.	Symbol	PID, ppm	Ground Water	Sample Number, Description, and Results	Depth (ft)
5	5			•••••	0			
25	6			•••••	0			25
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

CONTINUED NEXT PAGE

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 <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>	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 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-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).	
			100	0.0		SM (FILL)		Damp, dense, silty SAND with gravel, asphalt debris, black, no solvent or hydrocarbon odor (25-60-15). Fill material.	
				0.0		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	0.0		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					
				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).	
				0.0		SM		Wet, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (35-50-15).	
			50					No recovery.	
55				0.3		SM		Damp, very dense, silty SAND with gravel, dark gray, cohesive, no solvent or hydrocarbon odor (35-45-20).	
						SM		Damp, very dense, silty SAND with gravel, dark gray, cohesive, no solvent or hydrocarbon odor (35-45-20).	
			100	0.7					
				0.7		SM		Damp, very dense, silty SAND with gravel, dark gray, cohesive, no solvent or hydrocarbon odor (35-45-20).	
						SM		Damp, very dense, silty SAND with gravel, dark gray, cohesive, no solvent or hydrocarbon odor (35-45-20).	
60				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: | **4 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
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		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									

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
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).	
				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).	
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:



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			100	0.0	B105-120	SP-SM		Wet, loose, coarse to medium SAND with gravel, dark gray, no solvent or hydrocarbon odor (10-65-25).	
				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			--			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).	
130			100	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).	
				0.0		SP-SM		Wet, loose, medium to coarse SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
135				0.0		SP-SM		Wet, loose, medium to coarse SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-70-20).	

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
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								<p>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</p>	
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			
45				0.5		SP-SM		Damp, dense, fine to medium SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (10-80-10).	

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
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			
				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					

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: