

**APPENDIX E-1**  
**BORING AND WELL LOGS**  
**(Other Consultants)**

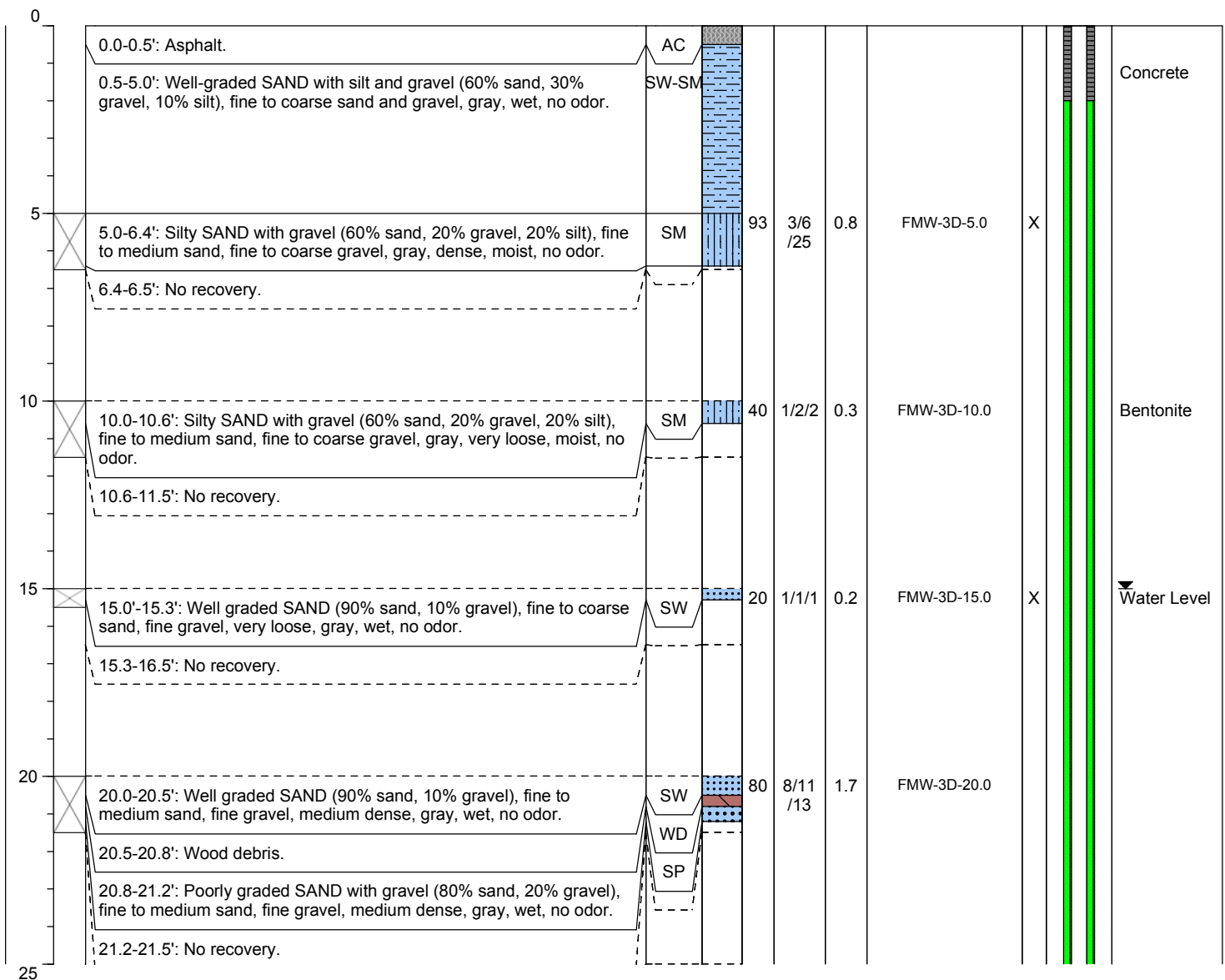
**Client:** City Investors XI LLC  
**Project:** Block 31  
**Location:** Seattle, Washington

**Date/Time Started:** 3/7/2016 @ 1150     **Sampler Type:** 1.5' SPT  
**Date/Time Completed:** 3/8/2016 @ 1100     **Drive Hammer (lbs.):** 140  
**Equipment:** BK 81     **Depth of Water ATD (ft bgs):** 15.0  
**Drilling Company:** Holocene     **Total Boring Depth (ft bgs):** 71.5  
**Drilling Foreman:** Jerrod Thompson     **Total Well Depth (ft bgs):** 69.0  
**Drilling Method:** Auger

**Farallon PN:** 397-014

**Logged By:** Ryan Ostrom

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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### Well Construction Information

<b>Monument Type:</b> Flush	<b>Filter Pack:</b> Sand 10/20	<b>Ground Surface Elevation (ft):</b> NA
<b>Casing Diameter (inches):</b> 2.0	<b>Surface Seal:</b> Concrete	<b>Top of Casing Elevation (ft):</b> NA
<b>Screen Slot Size (inches):</b> 0.010	<b>Annular Seal:</b> Bentonite	<b>Surveyed Location:</b> X: NA
<b>Screened Interval (ft bgs):</b> 59-69	<b>Boring Abandonment:</b> NA	Y: NA



# Log of Boring: FMW-3D

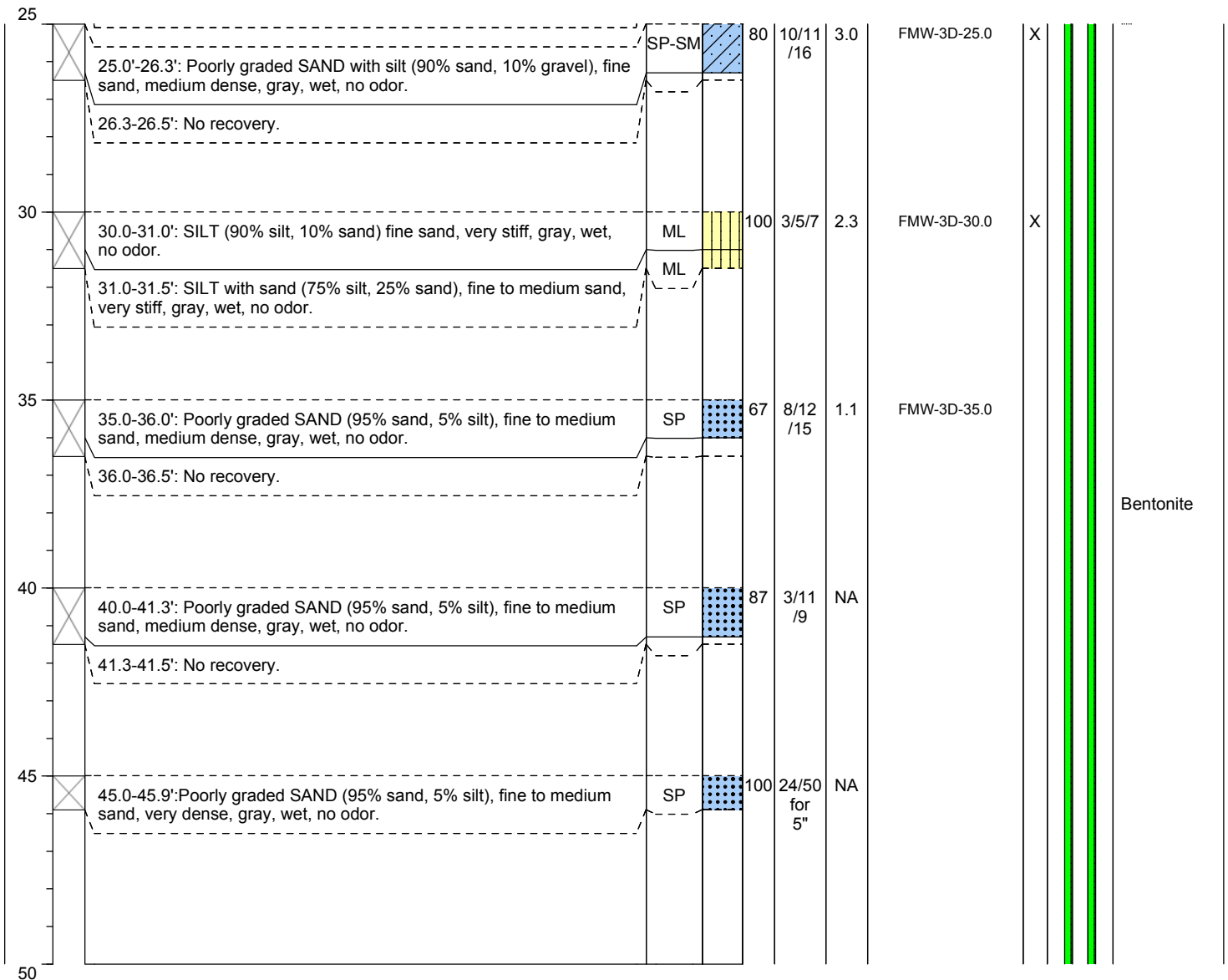
**Client:** City Investors XI LLC  
**Project:** Block 31  
**Location:** Seattle, Washington  
**Farallon PN:** 397-014

**Date/Time Started:** 3/7/2016 @ 1150  
**Date/Time Completed:** 3/8/2016 @ 1100  
**Equipment:** BK 81  
**Drilling Company:** Holocene  
**Drilling Foreman:** Jerrod Thompson  
**Drilling Method:** Auger

**Sampler Type:** 1.5' SPT  
**Drive Hammer (lbs.):** 140  
**Depth of Water ATD (ft bgs):** 15.0  
**Total Boring Depth (ft bgs):** 71.5  
**Total Well Depth (ft bgs):** 69.0

**Logged By:** Ryan Ostrom

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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### Well Construction Information

<b>Monument Type:</b> Flush	<b>Filter Pack:</b> Sand 10/20	<b>Ground Surface Elevation (ft):</b> NA
<b>Casing Diameter (inches):</b> 2.0	<b>Surface Seal:</b> Concrete	<b>Top of Casing Elevation (ft):</b> NA
<b>Screen Slot Size (inches):</b> 0.010	<b>Annular Seal:</b> Bentonite	<b>Surveyed Location:</b> X: NA
<b>Screened Interval (ft bgs):</b> 59-69	<b>Boring Abandonment:</b> NA	Y: NA

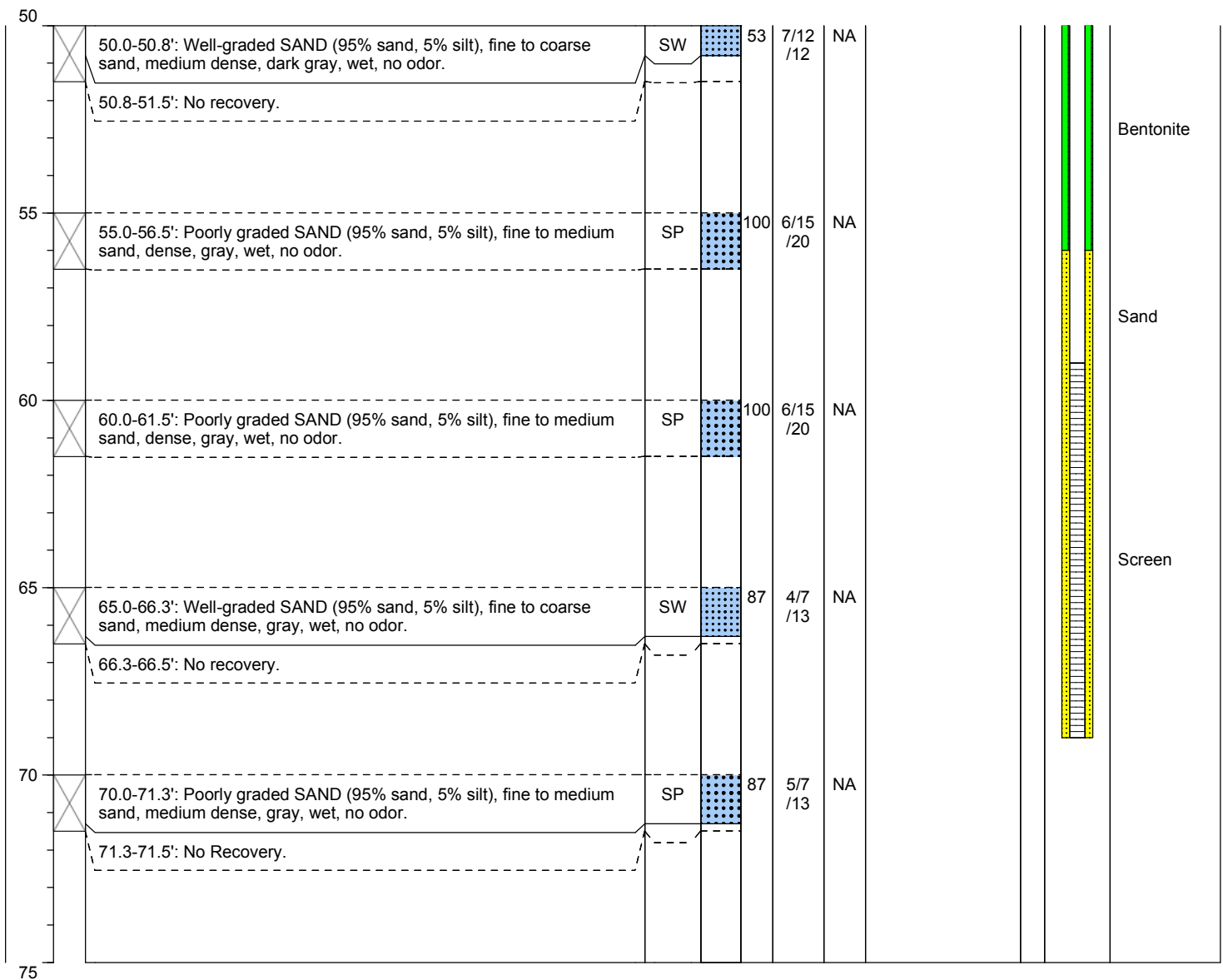
**Client:** City Investors XI LLC  
**Project:** Block 31  
**Location:** Seattle, Washington

**Date/Time Started:** 3/7/2016 @ 1150     **Sampler Type:** 1.5' SPT  
**Date/Time Completed:** 3/8/2016 @ 1100     **Drive Hammer (lbs.):** 140  
**Equipment:** BK 81     **Depth of Water ATD (ft bgs):** 15.0  
**Drilling Company:** Holocene     **Total Boring Depth (ft bgs):** 71.5  
**Drilling Foreman:** Jerrod Thompson     **Total Well Depth (ft bgs):** 69.0  
**Drilling Method:** Auger

**Farallon PN:** 397-014

**Logged By:** Ryan Ostrom

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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**Monument Type:** Flush

**Casing Diameter (inches):** 2.0

**Screen Slot Size (inches):** 0.010

**Screened Interval (ft bgs):** 59-69

### Well Construction Information

**Filter Pack:** Sand 10/20

**Surface Seal:** Concrete

**Annular Seal:** Bentonite

**Boring Abandonment:** NA

**Ground Surface Elevation (ft):** NA

**Top of Casing Elevation (ft):** NA

**Surveyed Location:** X: NA

Y: NA

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) still REQUIRED) Lat Deg \_\_\_\_\_ Lat Min/Sec \_\_\_\_\_  
Long Deg \_\_\_\_\_ Long Min/Sec \_\_\_\_\_

Tax Parcel No. 224900-0006

Cased or Uncased Diameter 2" Static Level 42'

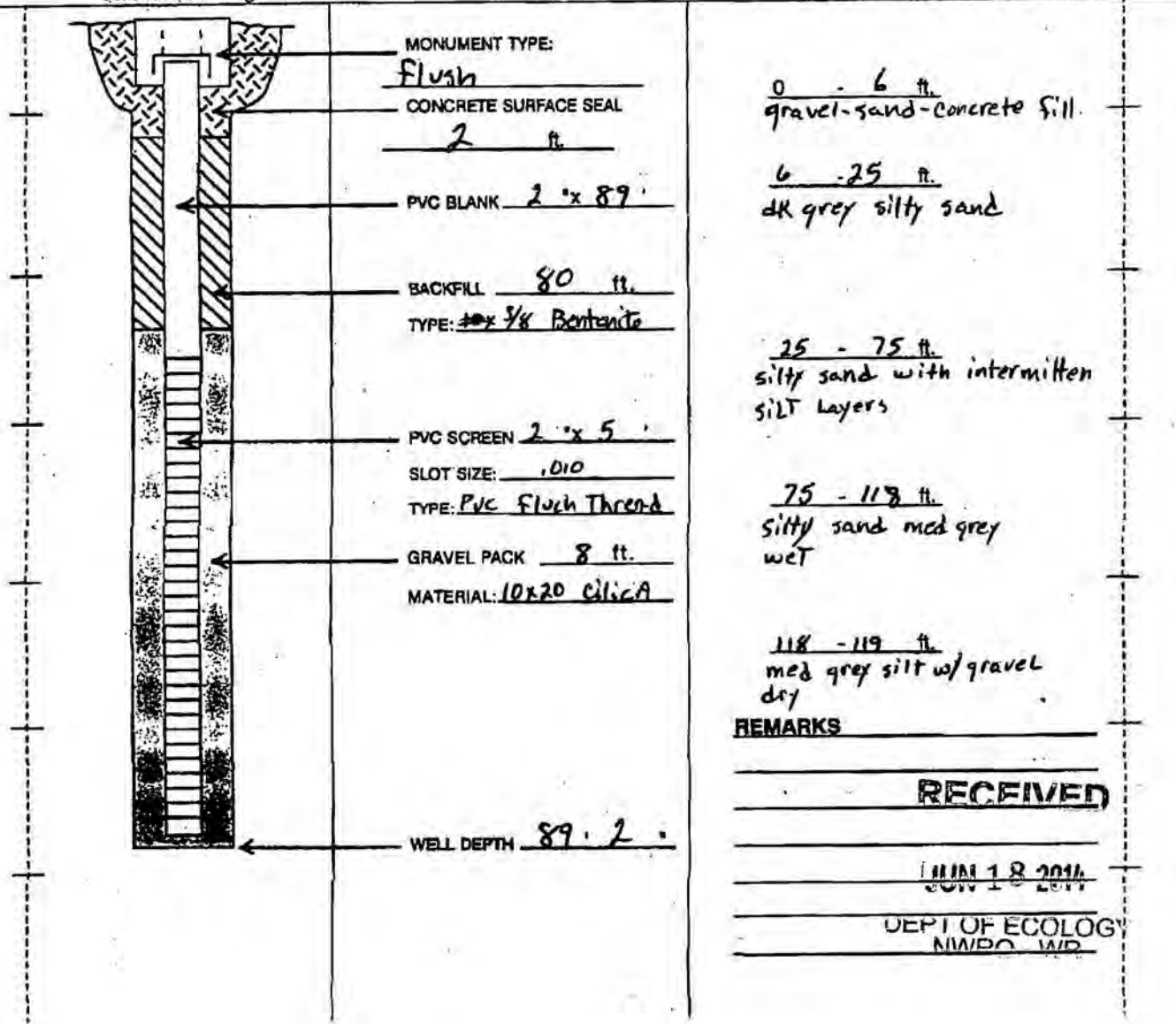
Work/Decommission Start Date 5-13-14

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

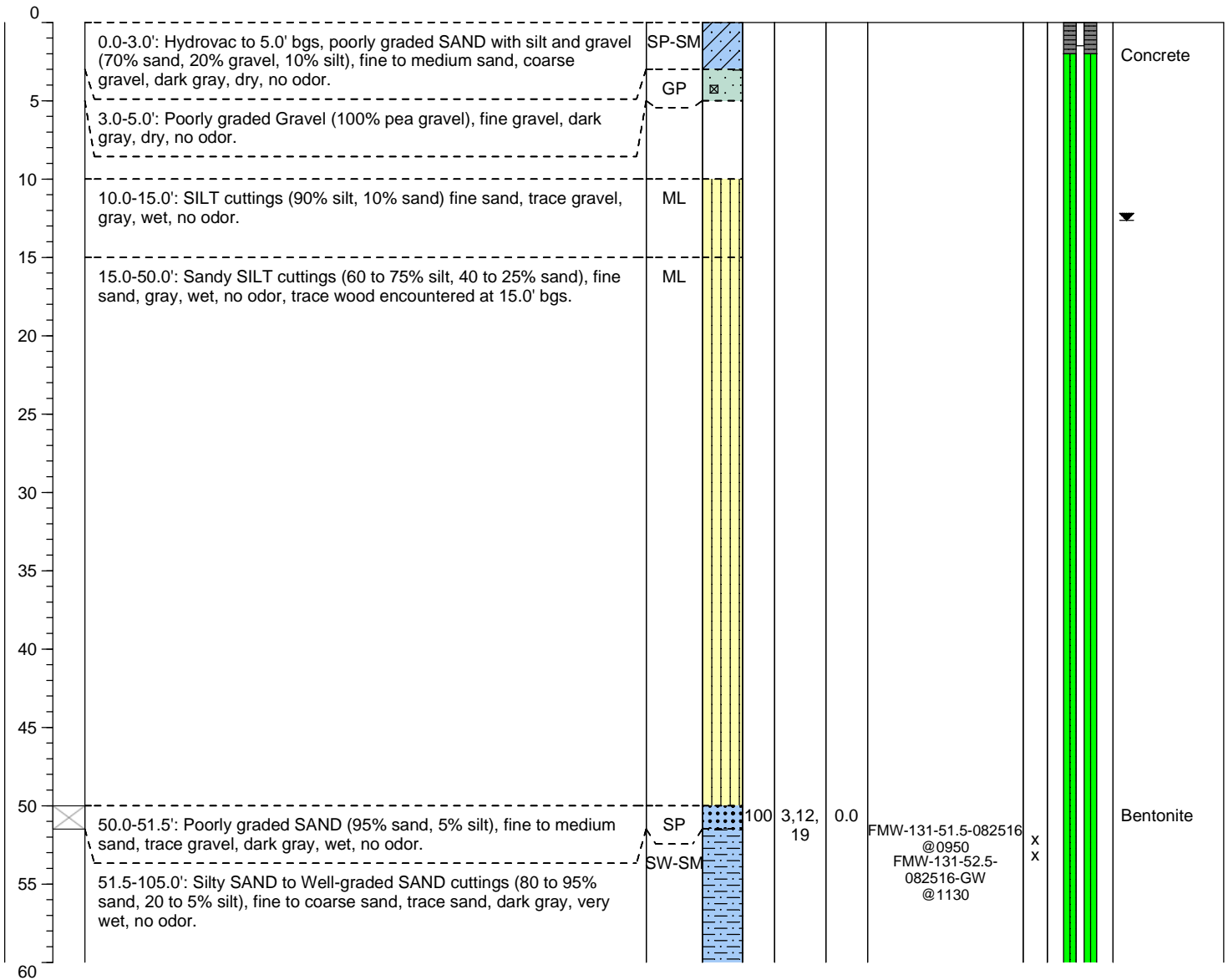


# Log of Boring: FMW-131

**Client:** Vulcan  
**Project:** Block 37  
**Location:** Seattle, WA  
**Farallon PN:** 397-010  
**Logged By:** Jared Kerr/ Amber

**Date/Time Started:** 8/30/16 @ 0740  
**Date/Time Completed:** 8/30/16 @ 0918  
**Equipment:** D-120  
**Drilling Company:** Holocene  
**Drilling Foreman:** Matt Graham  
**Drilling Method:** Hollow Stem Auger  
**Sampler Type:** SPT 18"  
**Drive Hammer (lbs.):** 140lbs  
**Depth of Water ATD (ft bgs):** 12.64  
**Total Boring Depth (ft bgs):** 75.0'  
**Total Well Depth (ft bgs):** 74.85'

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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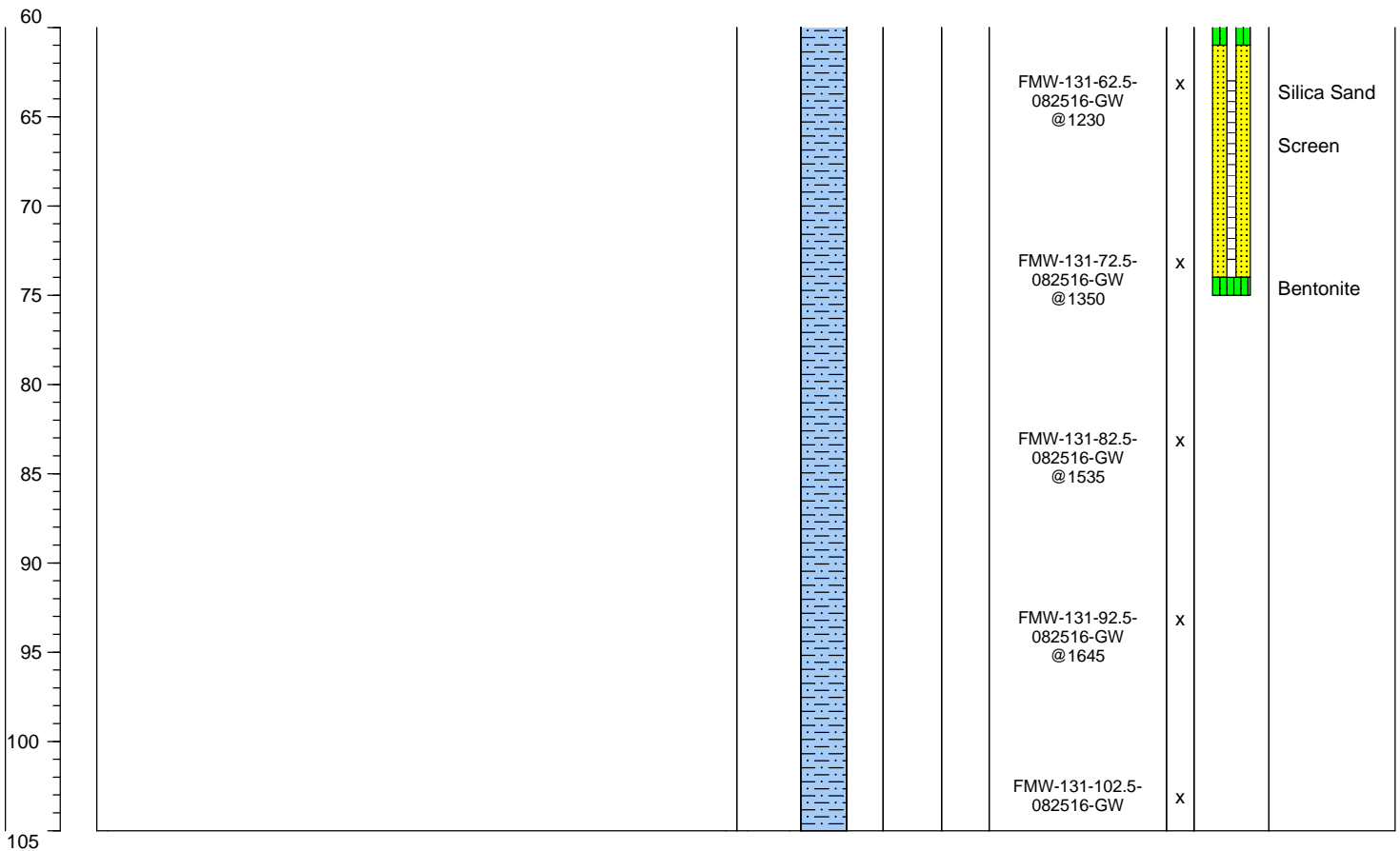
Well Construction Information			
<b>Monument Type:</b> Flush Mount	<b>Filter Pack:</b> Silica Sand 10-20	<b>Ground Surface Elevation (ft):</b> NA	
<b>Casing Diameter (inches):</b> 2"	<b>Surface Seal:</b> Concrete	<b>Top of Casing Elevation (ft):</b> NA	
<b>Screen Slot Size (inches):</b> 0.010"	<b>Annular Seal:</b> Bentonite	<b>Surveyed Location:</b> X: NA	
<b>Screened Interval (ft bgs):</b> 63-73'	<b>Boring Abandonment:</b> NA	Y: NA	



# Log of Boring: FMW-131

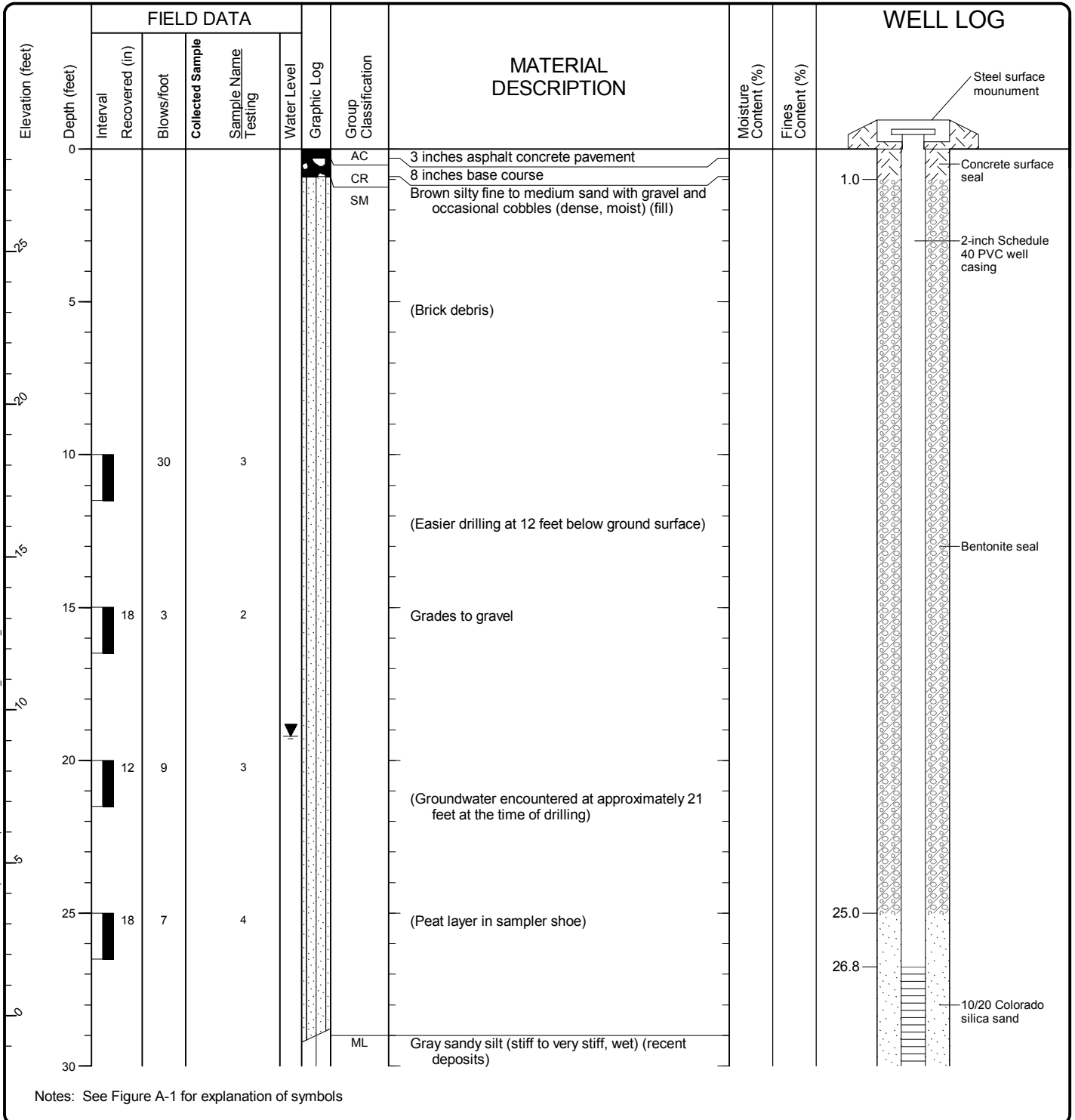
<b>Client:</b> Vulcan <b>Project:</b> Block 37 <b>Location:</b> Seattle, WA	<b>Date/Time Started:</b> 8/30/16 @ 0740 <b>Date/Time Completed:</b> 8/30/16 @ 0918 <b>Equipment:</b> D-120 <b>Drilling Company:</b> Holocene <b>Drilling Foreman:</b> Matt Graham <b>Drilling Method:</b> Hollow Stem Auger	<b>Sampler Type:</b> SPT 18" <b>Drive Hammer (lbs.):</b> 140lbs <b>Depth of Water ATD (ft bgs):</b> 12.64 <b>Total Boring Depth (ft bgs):</b> 75.0' <b>Total Well Depth (ft bgs):</b> 74.85'
<b>Farallon PN:</b> 397-010	<b>Logged By:</b> Jared Kerr/ Amber	

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
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Well Construction Information			
<b>Monument Type:</b> Flush Mount	<b>Filter Pack:</b> Silica Sand 10-20	<b>Ground Surface Elevation (ft):</b> NA	
<b>Casing Diameter (inches):</b> 2"	<b>Surface Seal:</b> Concrete	<b>Top of Casing Elevation (ft):</b> NA	
<b>Screen Slot Size (inches):</b> 0.010"	<b>Annular Seal:</b> Bentonite	<b>Surveyed Location:</b> X: NA	
<b>Screened Interval (ft bgs):</b> 63-73'	<b>Boring Abandonment:</b> NA	Y: NA	

Start Drilled	4/16/2014	End	4/16/2014	Total Depth (ft)	81.5	Logged By	TKC	Checked By	DPC	Driller	Geologic Drill	Drilling Method	Hollow-Stem Auger		
Hammer Data	Pneumatic 140 (lbs) / 30 (in) Drop			Drilling Equipment		Diedrich D-50 Turbo		DOE Well I.D.: BJ 461 A 2 (in) well was installed on 4/16/2014 to a depth of 36.75 (ft).							
Surface Elevation (ft)	28.35			Top of Casing Elevation (ft)		27.95		Groundwater Date Measured		7/1/2014		Depth to Water (ft)	19.2	Elevation (ft)	8.7
Vertical Datum	NAVD88			Horizontal Datum		NAD83									
Easting (X)	1269362.7704			Horizontal Datum		NAD83									
Northing (Y)	231828.1831			Horizontal Datum		NAD83									
Notes:															



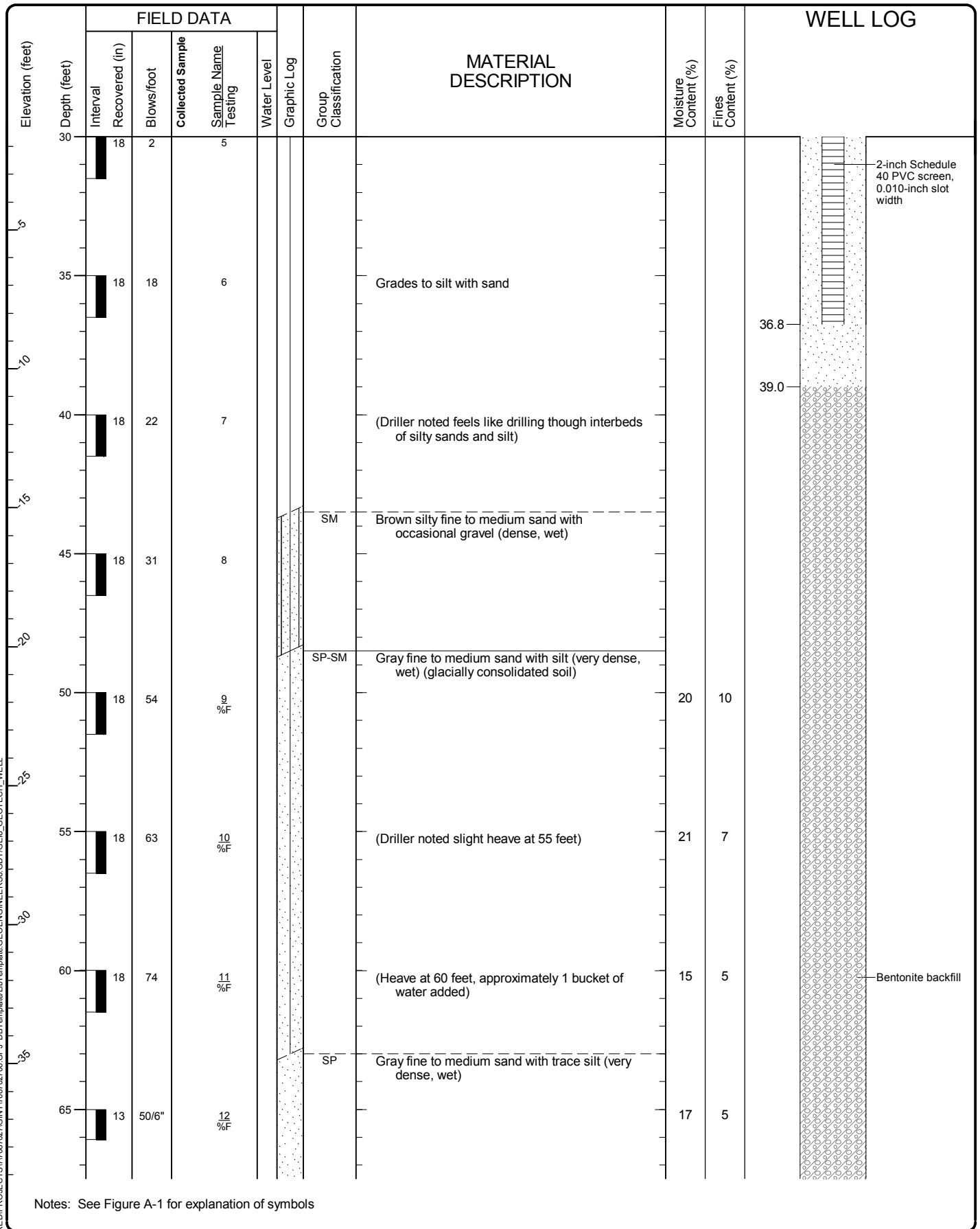
**Log of Monitoring Well B-37-1**



Project: Block 37  
 Project Location: Seattle, Washington  
 Project Number: 7087-027-00

Refmond: Date: 7/3/14 Path: \\REPROJ\PROJECTS\7087\027\GINT\7087\02700\GP\_J\DBT\template\LIB\template\GEOENGINEERS.GDT\GEIR\_GEO TECH\_WELL





**Log of Monitoring Well B-37-1 (continued)**



Project: Block 37  
 Project Location: Seattle, Washington  
 Project Number: 7087-027-00

Refmond: Date: 7/31/14 Path: \\RED\PROJECTS\7087\027\GINT\7087\02700.GPJ DBT\template\UBT\template\GEOENGINEERS.GDT\GEIR\_GEOTECH\_WELL

Elevation (feet)	FIELD DATA						MATERIAL DESCRIPTION	Moisture Content (%)	Fines Content (%)	WELL LOG	
	Depth (feet)	Interval Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing	Water Level					Graphic Log
40											
70	18	40		13 %F			SP-SM	Gray fine to medium sand with silt (dense to very dense, wet)	19	6	
75	18	65		14							
80	18	60		15 %F			SM	Gray silty fine to medium sand (very dense, wet)	21	16	
											81.5

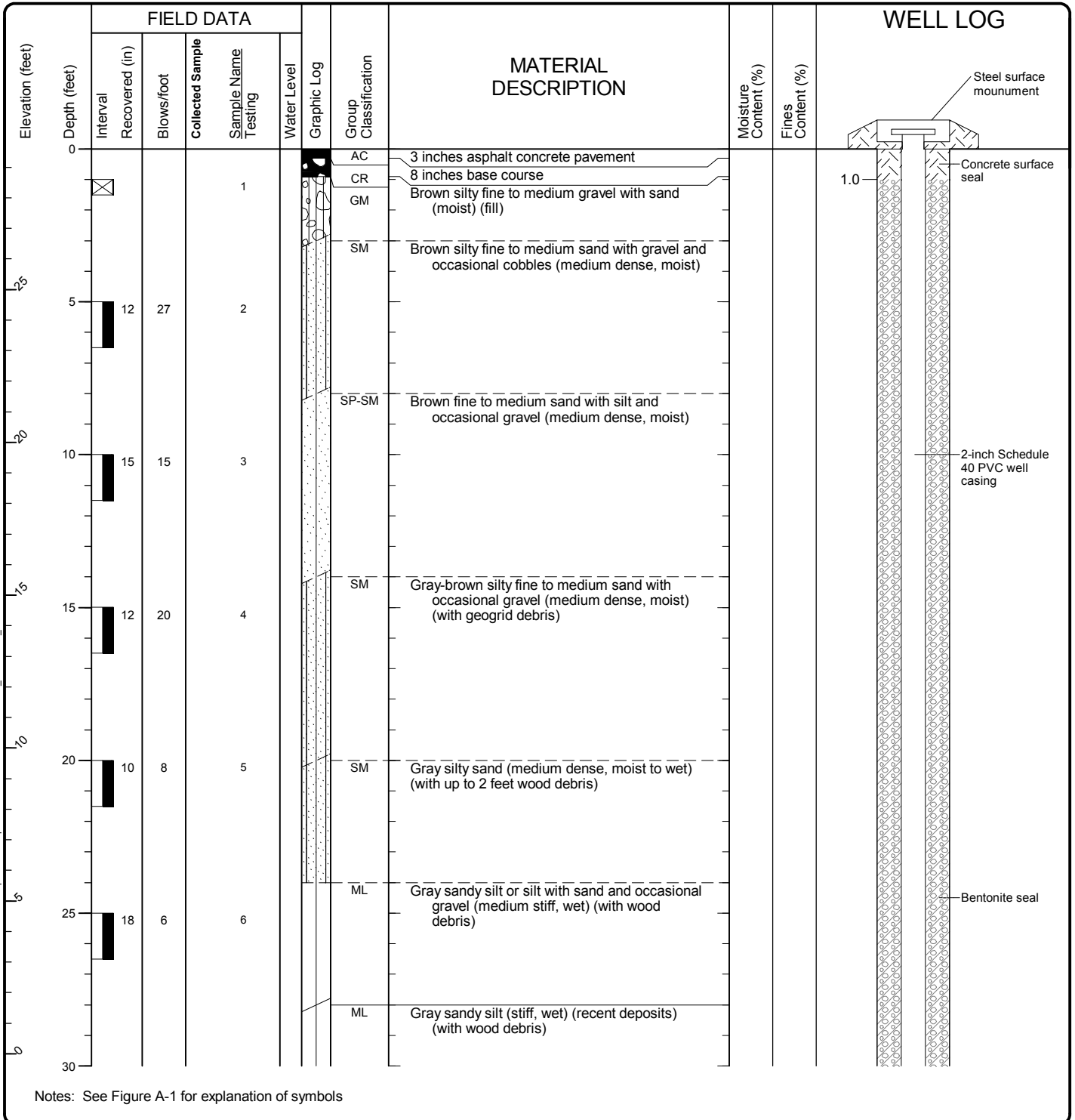
Notes: See Figure A-1 for explanation of symbols

### Log of Monitoring Well B-37-1 (continued)



Project: Block 37  
 Project Location: Seattle, Washington  
 Project Number: 7087-027-00

Start Drilled	4/16/2014	End	4/17/2014	Total Depth (ft)	81.5	Logged By	TKC	Checked By	DPC	Driller	Geologic Drill	Drilling Method	Hollow-Stem Auger		
Hammer Data	Pneumatic 140 (lbs) / 30 (in) Drop			Drilling Equipment		Diedrich D-50 Turbo		DOE Well I.D.: BJ 462 A 2 (in) well was installed on 4/16/2014 to a depth of 60.61 (ft).							
Surface Elevation (ft)	29.6			Top of Casing Elevation (ft)		29.38		Groundwater Date Measured		7/1/2014		Depth to Water (ft)	31.4	Elevation (ft)	-2.0
Vertical Datum	NAVD88			Horizontal Datum		NAD83									
Easting (X)	1269358.7011			Northing (Y)		231666.0835									
Notes:															

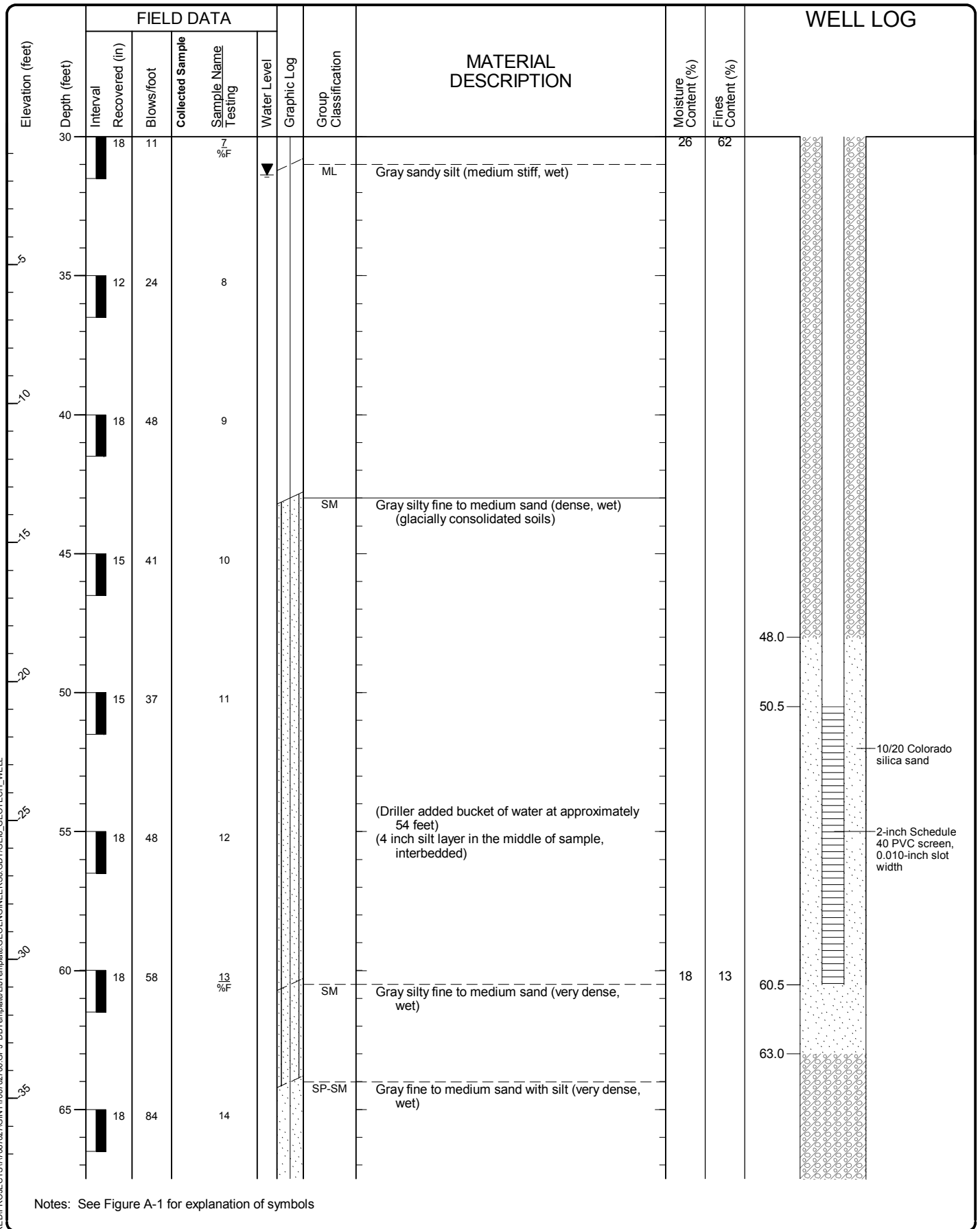


**Log of Monitoring Well B-37-2**



Project: Block 37  
 Project Location: Seattle, Washington  
 Project Number: 7087-027-00

Refmond: Date: 7/3/14 Path: \\RED\PROJECTS\7087\027\GINT\7087\02700.GPJ DBT\template\LIB\template\GEOENGINEERS.GDT\GEIR\_GEO TECH\_WELL



Notes: See Figure A-1 for explanation of symbols

### Log of Monitoring Well B-37-2 (continued)



Project: Block 37  
 Project Location: Seattle, Washington  
 Project Number: 7087-027-00

Ref: 7/14 Path: \\RED\PROJECTS\7087\27\GINT\7087\02700\GP\_J\DBT\template\UT\template\GEOENGINEERS\_GDT\GEBR\_GEOTECH\_WELL

Elevation (feet)	FIELD DATA						MATERIAL DESCRIPTION	Moisture Content (%)	Fines Content (%)	WELL LOG	
	Depth (feet)	Interval Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing	Water Level					Graphic Log
40	70	18	41		15 %F						
								19	8		
45	75	18	45		16 %F		SM	Gray silty fine to medium sand (dense, wet)	19		35
50	80	18	68		17 %F		SP-SM	Gray fine to medium sand with silt and occasional gravel (very dense, wet)	19	9	
										81.5	

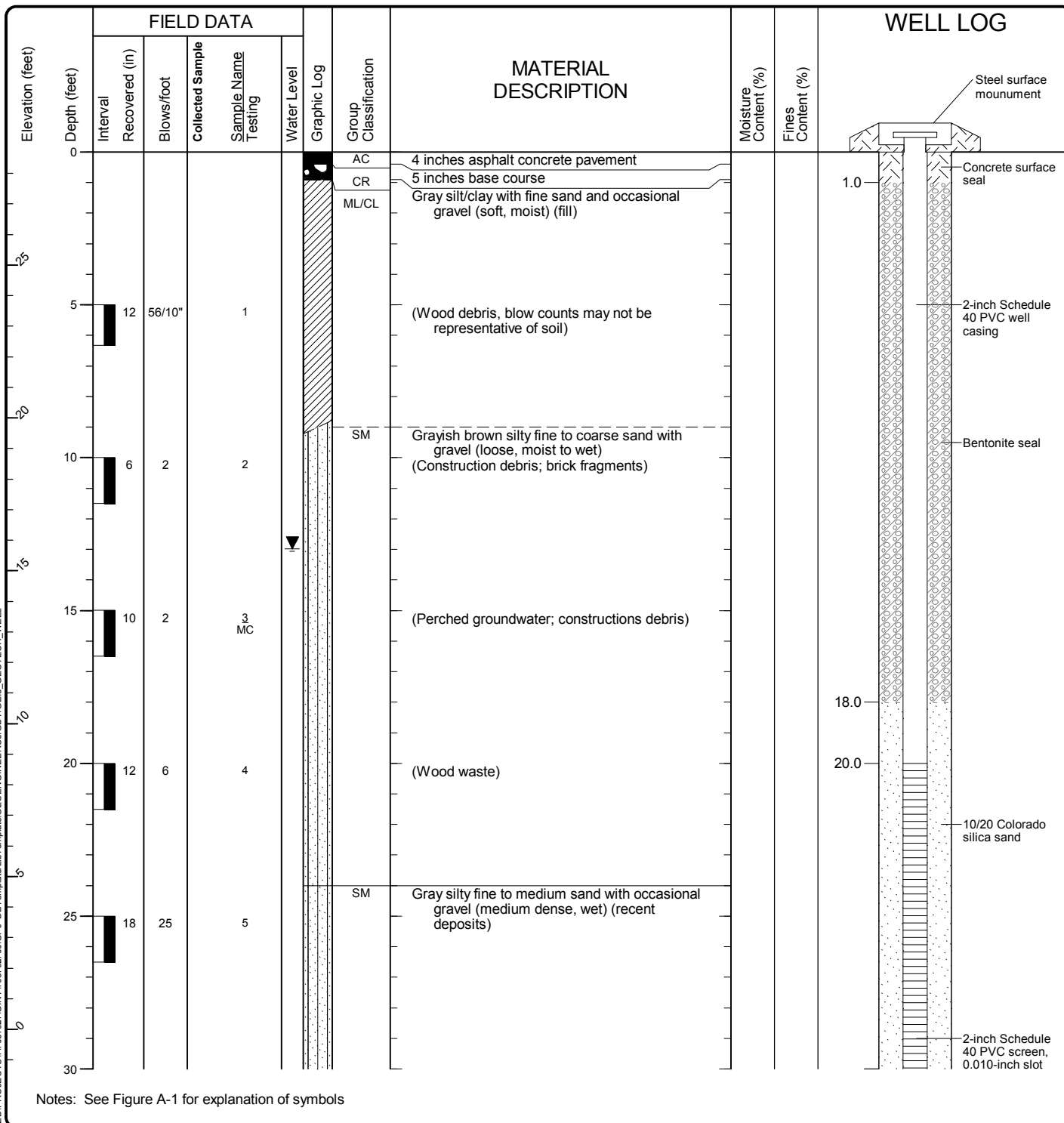
Notes: See Figure A-1 for explanation of symbols

**Log of Monitoring Well B-37-2 (continued)**



Project: Block 37  
 Project Location: Seattle, Washington  
 Project Number: 7087-027-00

Start Drilled	4/10/2014	End	4/10/2014	Total Depth (ft)	81	Logged By	DTM	Checked By	DPC	Driller	Geologic Drill	Drilling Method	Hollow-Stem Auger		
Hammer Data	Pneumatic 140 (lbs) / 30 (in) Drop			Drilling Equipment		Diedrich D-50 Turbo		DOE Well I.D.: BJ 460 A 2 (in) well was installed on 4/10/2014 to a depth of 30 (ft).							
Surface Elevation (ft)	28.7			Top of Casing Elevation (ft)		28.41		Groundwater		Date Measured	7/1/2014	Depth to Water (ft)	13.0	Elevation (ft)	15.4
Vertical Datum	NAVD88			Horizontal Datum		NAD83									
Easting (X)	1269675.6231			Horizontal Datum		NAD83									
Northing (Y)	231774.012			Horizontal Datum		NAD83									
Notes:															

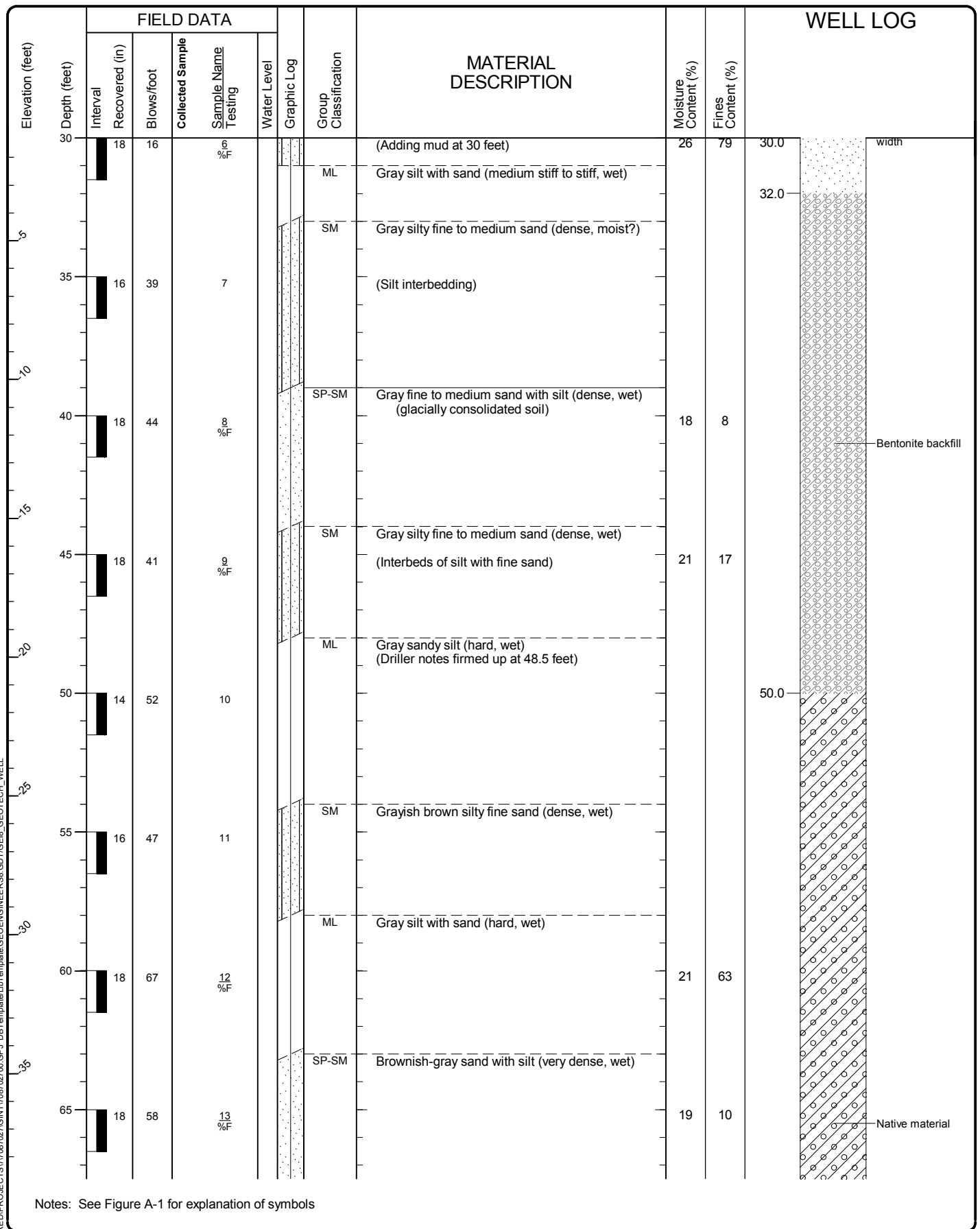


**Log of Monitoring Well B-31-3**



Project: Block 31  
 Project Location: Seattle, Washington  
 Project Number: 7087-027-00

Refmond: Date: 7/3/14 Path: \\RED\PROJECTS\7087\027\GINT\7087\02700.GPJ DBT\template\LIB\template\GEOENGINEERS.GDT\GEIR\_GEOTECH\_WELL



Notes: See Figure A-1 for explanation of symbols

### Log of Monitoring Well B-31-3 (continued)



Project: Block 31  
 Project Location: Seattle, Washington  
 Project Number: 7087-027-00

Refmond: Date: 7/3/14 Path: \\RED\PROJECTS\7087\027\GINT\7087\02700\GP\_J\DBT\template\LBT\template\GEOENGINEERS.GDT\GEIR\_GEOTECH\_WELL

Elevation (feet)	FIELD DATA						MATERIAL DESCRIPTION	Moisture Content (%)	Fines Content (%)	WELL LOG
	Depth (feet)	Interval Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing	Water Level				
40										
70		18	50		14					
75		6	50/6"		15					
80		12	50/6"		16 %F			21	8	81.0

Notes: See Figure A-1 for explanation of symbols

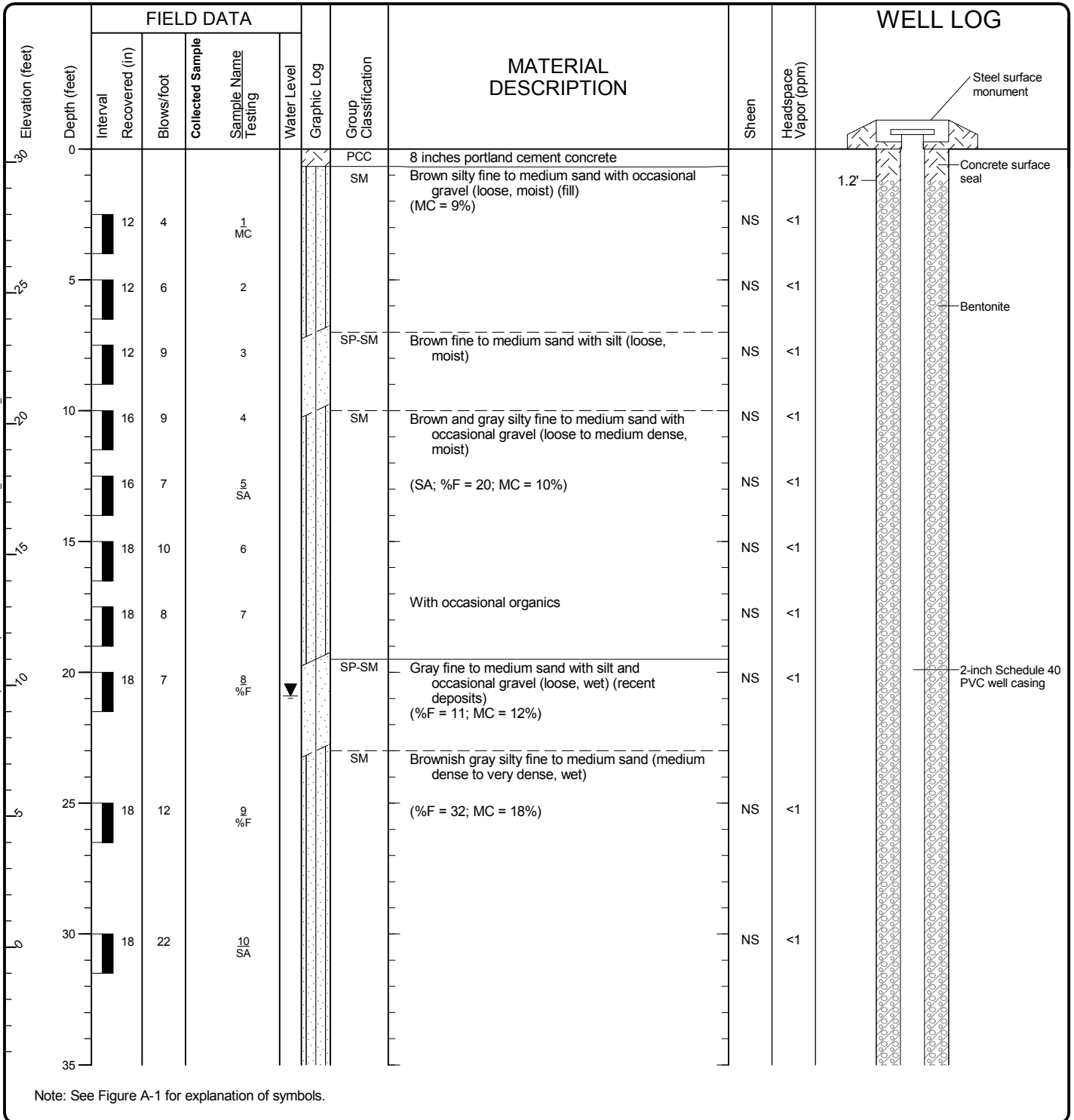
**Log of Monitoring Well B-31-3 (continued)**



Project: Block 31  
 Project Location: Seattle, Washington  
 Project Number: 7087-027-00



Start Drilled 8/22/2014	End 8/22/2014	Total Depth (ft) 61.5	Logged By Checked By GP DPC	Driller Geologic Drill, Inc.	Drilling Method Hollow-Stem Auger
Hammer Data	Autohammer 140 (lbs) / 30 (in) Drop	Drilling Equipment	Diedrich D50 Turbo		DOE Well I.D.: BIJ 490 A 2 (in) well was installed on 8/22/2014 to a depth of 59.8 (ft).
Surface Elevation (ft) Vertical Datum	30.5 NAVD88	Top of Casing Elevation (ft)	30.10		<u>Groundwater</u> Date Measured
Easting (X) Northing (Y)		Horizontal Datum			9/6/2014
			Depth to Water (ft)	20.9	
			Elevation (ft)	9.6	
Notes:					



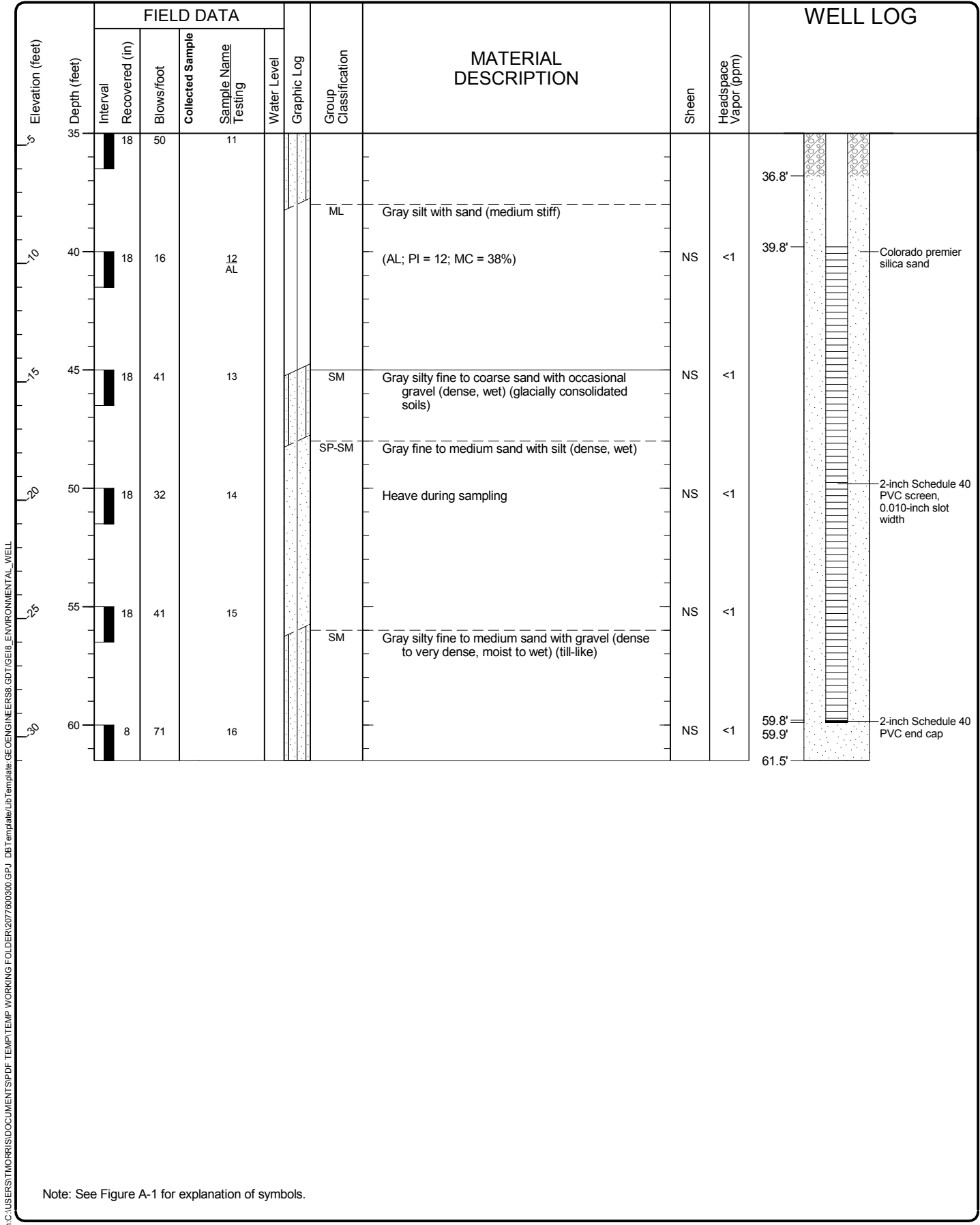
### Log of Monitoring Well MW-1



Project: South Lake Union Marriott AC  
 Project Location: Seattle, Washington  
 Project Number: 20776-003-00

Figure A-2  
 Sheet 1 of 2

Redmond: Date: 9/18/14 Path: C:\Users\TMORRIS\Documents\SPDF\_TEMP\TEMP WORKING FOLDER\2077600300.GPJ DBT Template\LTTemplate: GEOENGINEERS8.GDT\GEB\_ENVIRONMENTAL\_WELL



Note: See Figure A-1 for explanation of symbols.

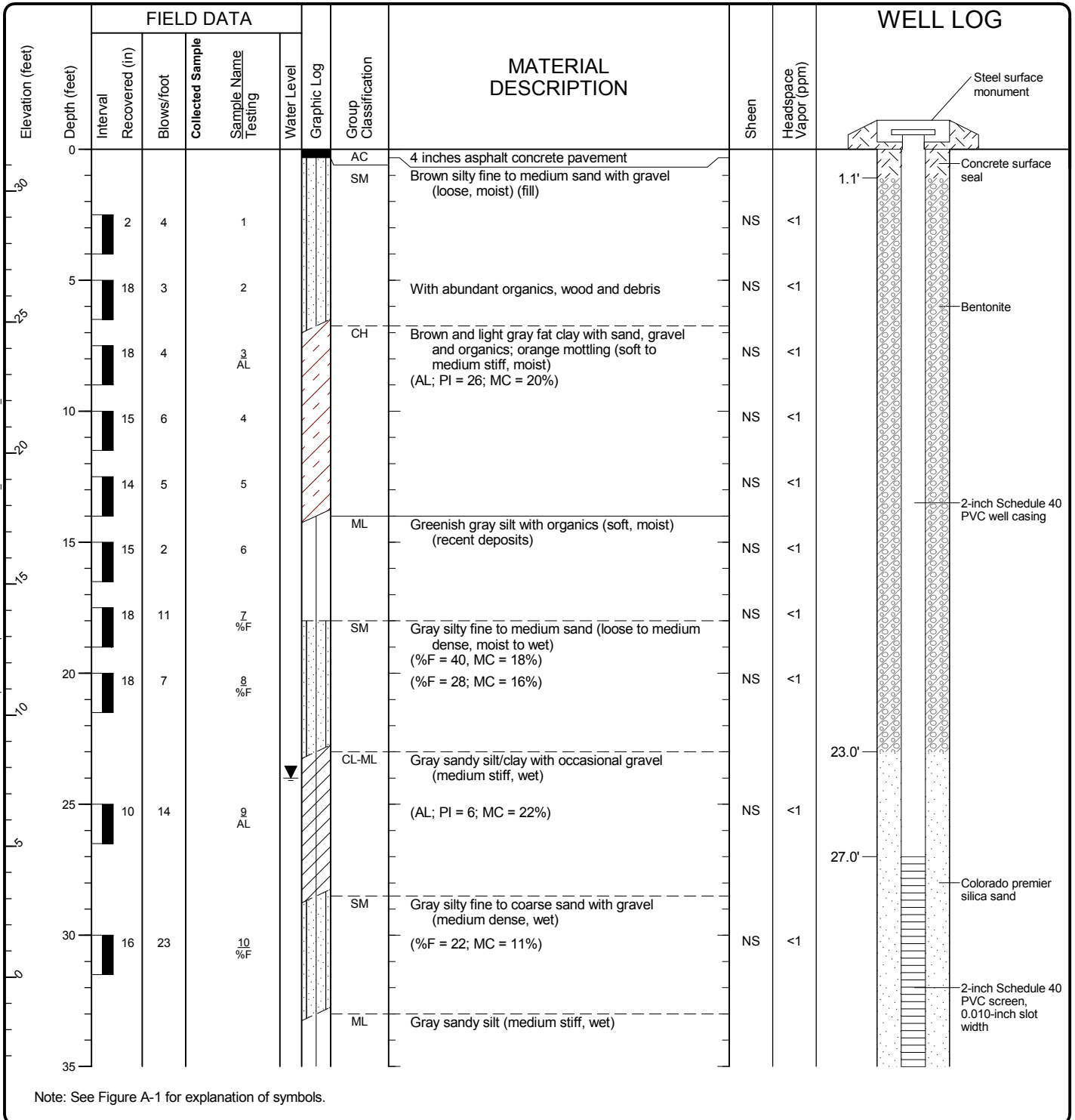
**Log of Monitoring Well MW-1 (continued)**



Project: South Lake Union Marriott AC  
 Project Location: Seattle, Washington  
 Project Number: 20776-003-00

Redmond: Date: 9/18/14 Path: C:\Users\TMORRIS\Documents\SPDF\TEMP\TEMP WORKING FOLDER\2077600300.GPJ DBTemplate\lib\Template: GEOENGINEERS8.GDT\GEB\_ENVIRONMENTAL\_WELL

Drilled	Start 8/23/2014	End 8/23/2014	Total Depth (ft)	60	Logged By Checked By	GP DPC	Driller	Geologic Drill, Inc.	Drilling Method	Hollow-Stem Auger	
Hammer Data	Autohammer 140 (lbs) / 30 (in) Drop				Drilling Equipment	Diedrich D50 Turbo			DOE Well I.D.: BIJ 492 A 2 (in) well was installed on 8/23/2014 to a depth of 37 (ft).		
Surface Elevation (ft)	31.6				Top of Casing Elevation (ft)	31.00			Groundwater Date Measured	9/6/2014	
Vertical Datum	NAVD88							Depth to Water (ft)	24.0	Elevation (ft)	7.6
Easting (X) Northing (Y)					Horizontal Datum						
Notes:											

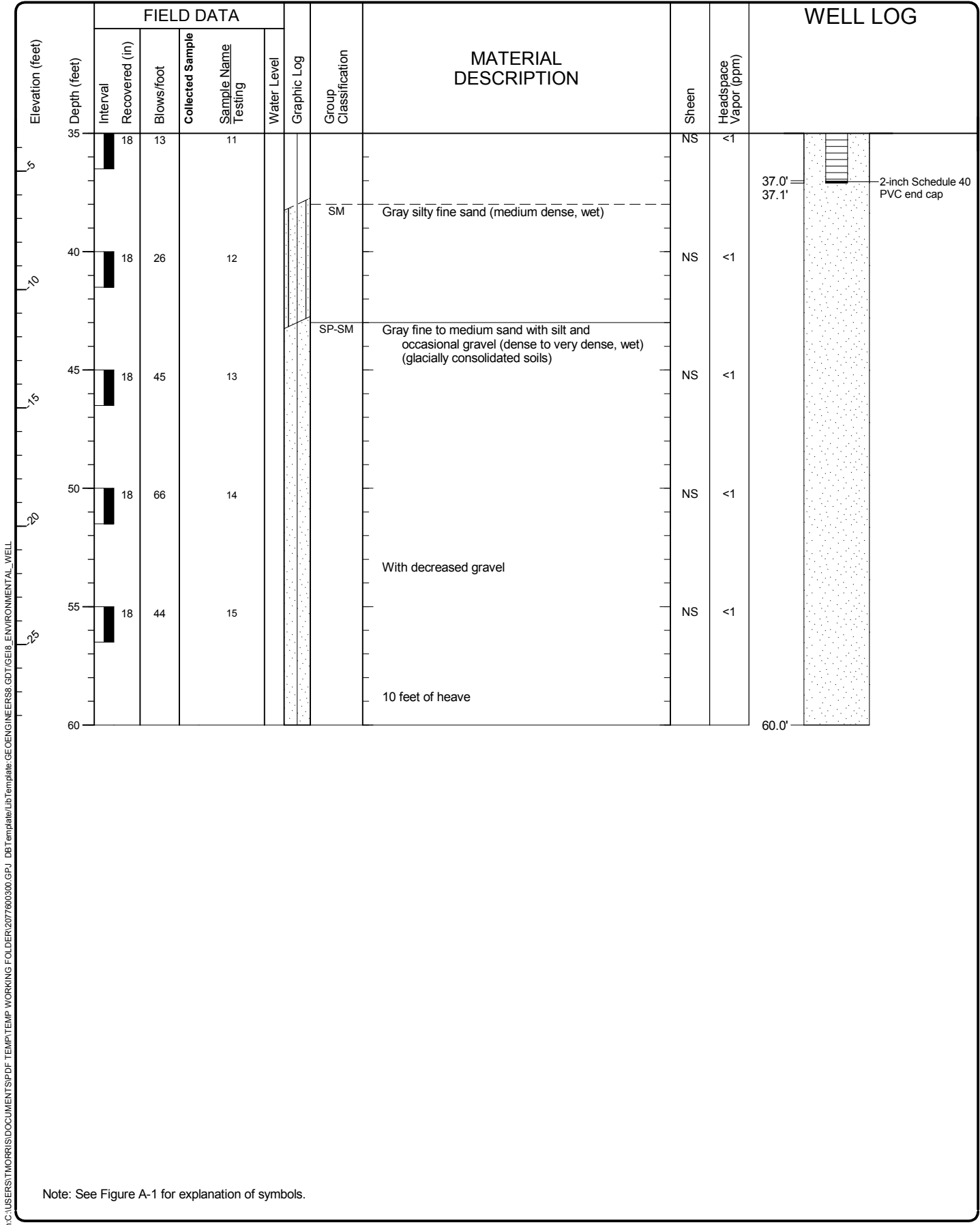


### Log of Monitoring Well MW-2



Project: South Lake Union Marriott AC  
 Project Location: Seattle, Washington  
 Project Number: 20776-003-00

Redmond: Date: 9/18/14 Path: C:\Users\TMORRIS\Documents\SPDF\_TEMP\TEMP WORKING FOLDER\2077600300.GPJ DBT\_Template\LD\_Template: GEOENGINEERS8.GDT\GEB\_ENVIRONMENTAL\_WELL



Note: See Figure A-1 for explanation of symbols.

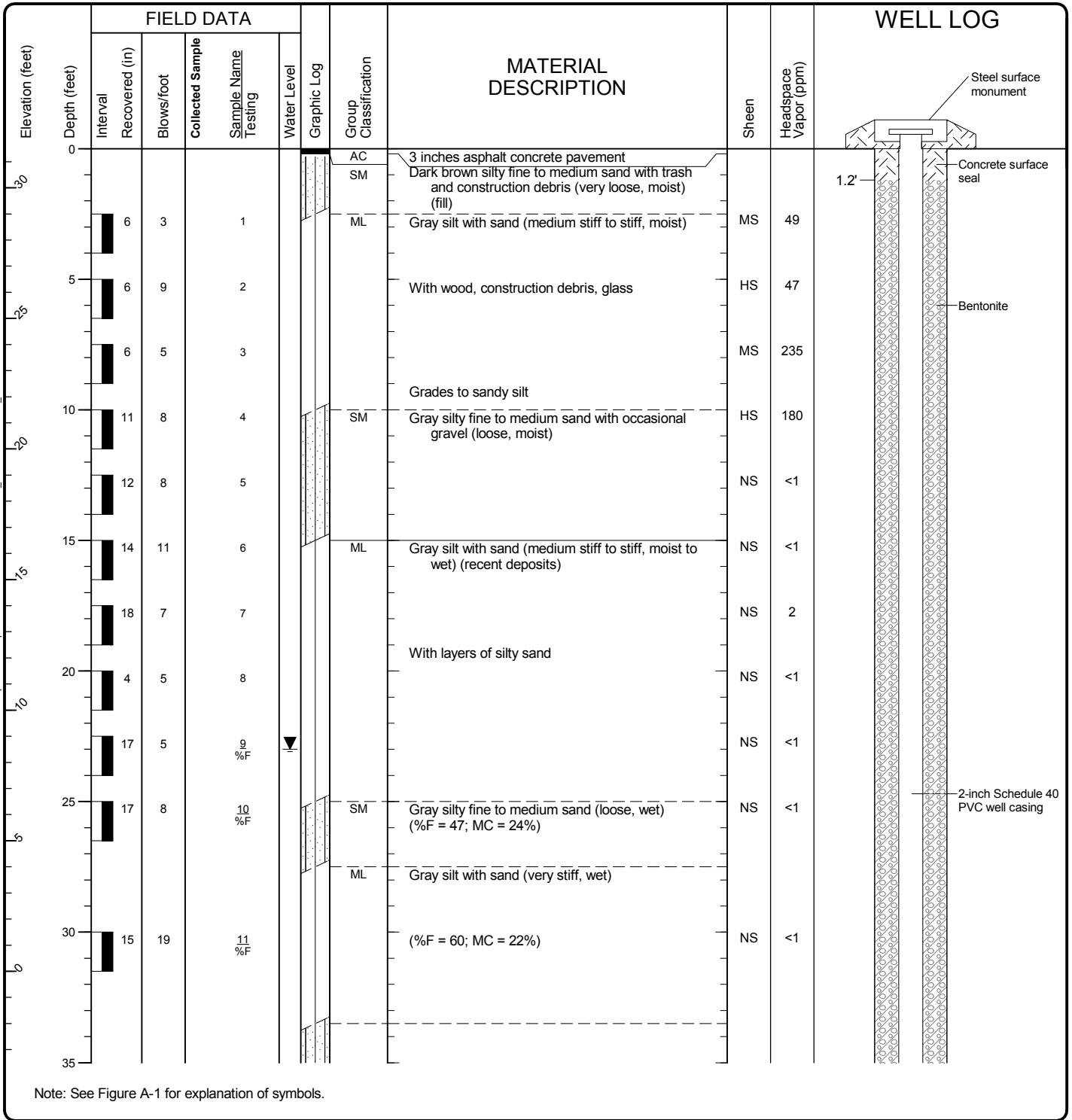
**Log of Monitoring Well MW-2 (continued)**



Project: South Lake Union Marriott AC  
 Project Location: Seattle, Washington  
 Project Number: 20776-003-00

Redmond: Date: 9/18/14 Path: C:\Users\TMORRIS\Documents\SPDF\_TEMP\TEMP WORKING FOLDER\2077600300.GPJ DBTemplate\libTemplate: GEOENGINEERS8.GDT\GEI6\_ENVIRONMENTAL\_WELL

Start Drilled 8/23/2014	End 8/23/2014	Total Depth (ft) 65.5	Logged By Checked By GP DPC	Driller Geologic Drill, Inc.	Drilling Method Hollow-Stem Auger
Hammer Data	Autohammer 140 (lbs) / 30 (in) Drop	Drilling Equipment	Diedrich D50 Turbo		DOE Well I.D.: BIJ 491 A 2 (in) well was installed on 8/24/2014 to a depth of 59.4 (ft).
Surface Elevation (ft) Vertical Datum	31.5 NAVD88	Top of Casing Elevation (ft)	30.75		<u>Groundwater</u> Date Measured
Easting (X) Northing (Y)		Horizontal Datum			9/6/2014
				Depth to Water (ft)	Elevation (ft)
				23.0	8.5
Notes:					

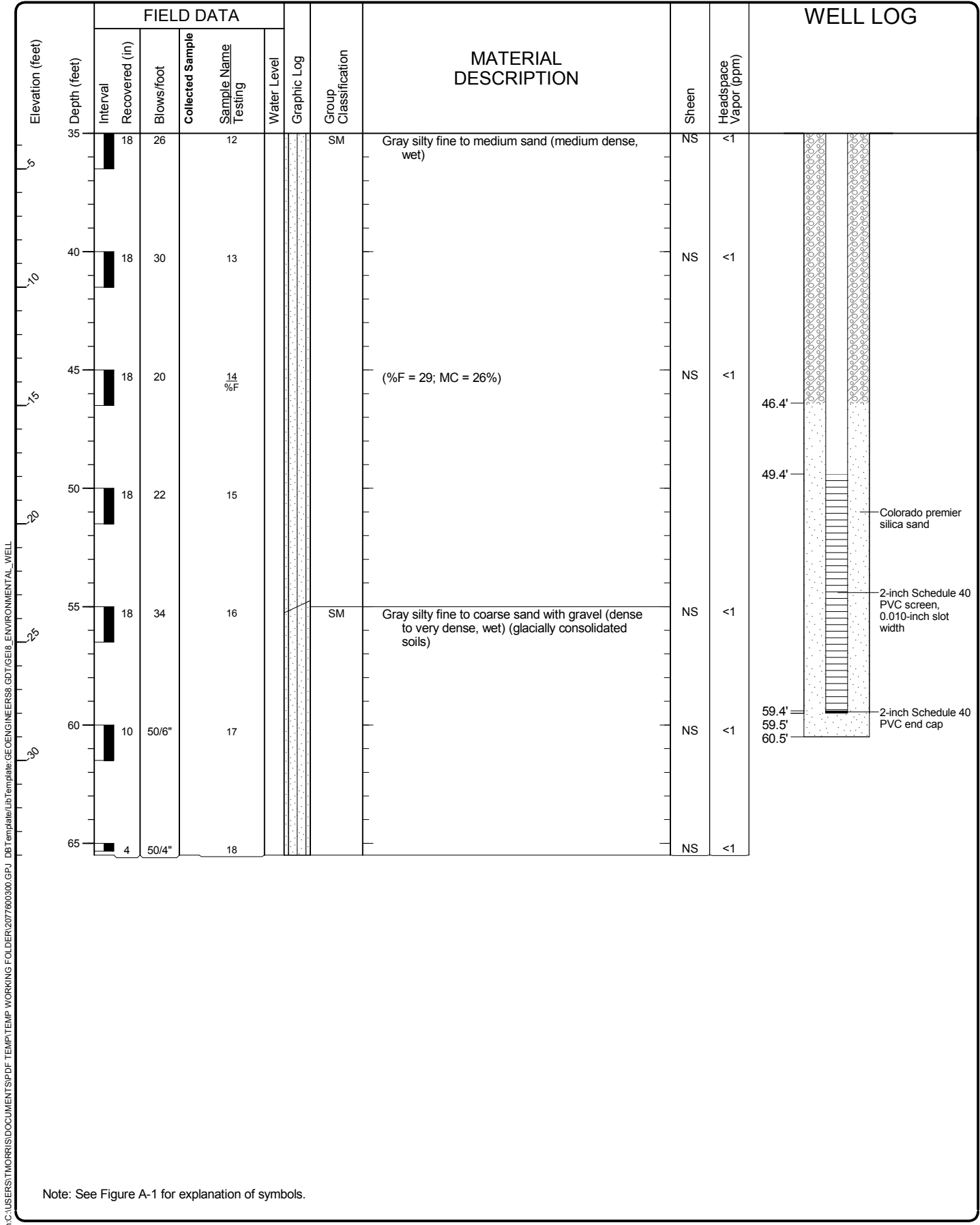


### Log of Monitoring Well MW-3



Project: South Lake Union Marriott AC  
 Project Location: Seattle, Washington  
 Project Number: 20776-003-00

Redmond: Date: 9/18/14 Path: C:\USER\ST\MORRIS\DOCUMENT\SPDF\_TEMP\TEMP WORKING FOLDER\2077600300.GPJ DBTTemplate\libTemplate: GEOENGINEERS8.GDT\GEI8\_ENVIRONMENTAL\_WELL



Note: See Figure A-1 for explanation of symbols.

**Log of Monitoring Well MW-3 (continued)**



Project: South Lake Union Marriott AC  
 Project Location: Seattle, Washington  
 Project Number: 20776-003-00

Redmond: Date: 9/18/14 Path: C:\Users\TMORRIS\Documents\SPDF\_TEMP\TEMP WORKING FOLDER\2077600300.GPJ DBT Template\lib\Template: GEOENGINEERS8.GDT\GEB\_ENVIRONMENTAL\_WELL

Drilled	Start 8/24/2014	End 8/24/2014	Total Depth (ft)	63	Logged By Checked By	GP DPC	Driller	Geologic Drill, Inc.		Drilling Method	Hollow-Stem Auger	
Surface Elevation (ft) Vertical Datum			31 NAVD88		Hammer Data		Autohammer 140 (lbs) / 30 (in) Drop		Drilling Equipment		Diedrich D50 Turbo	
Easting (X) Northing (Y)					System Datum			Groundwater Date Measured		Depth to Water (ft)		Elevation (ft)
Notes:												

Elevation (feet)	FIELD DATA						Water Level	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	REMARKS
	Depth (feet)	Interval Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing								
0								PCC	7 inches portland cement concrete				
		17	6		1 %F			SM	Gray-brown silty fine to medium sand with occasional gravel (very loose to loose, moist) (fill)	NS	<1	%F = 33; MC = 11%	
5		6	1		2					NS	<1		
		7	5		3			ML	Gray silt with dark organics, wood chips and glass pieces (soft to medium stiff, moist)	NS	<1		
10		17	4		4					NS	<1		
		12	10		5			ML	Gray silt with sand and gravel (medium stiff to stiff, moist to wet) (recent deposits)	NS	<1	3-inch silty sand layer	
15		16	9		6					NS	<1		
20		18	4		7				Grades to gray-brown sandy silt with occasional gravel; becomes wet	NS	<1		
25		16	6		8 %F					NS	<1	%F = 89; MC = 71%	
30		18	30		9			SM	Gray silty sand with gravel and occasional cobbles (dense, wet)	NS	<1		
35													

Note: See Figure A-1 for explanation of symbols.

### Log of Boring GEI-4



Project: South Lake Union Marriott AC  
 Project Location: Seattle, Washington  
 Project Number: 20776-003-00

Figure A-5  
 Sheet 1 of 2

Redmond: Date: 9/18/14 Path: C:\Users\TMORRIS\DOCUMENTS\SPDF\_TEMP\TEMP\_WORKING\_FOLDER\2077600300.GPJ DBTemplate\LTTemplate: GEOENGINEERS8.GDT\GEI8\_ENVIRONMENTAL\_STANDARD

Redmond: Date: 9/18/14 Path: C:\Users\TMORRIS\Documents\SPDF\_TEMP\TEMP\_WORKING\_FOLDER\2077600300.GPJ DB: Template\10\Template: GEOENGINEERS8.GDT\GEB\_ENVIRONMENTAL\_STANDARD

Elevation (feet)	FIELD DATA						MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	REMARKS
	Depth (feet)	Interval Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing	Water Level				
35	8	44		10			SM		<1	Difficult drilling
40	10	57		11					<1	
45	12	33		12					<1	
50	12	54		13					<1	
55	8	22		14					<1	Gravel in sampler
60	12	50/6"		16					<1	Till-like
	5	50/5"		17						

Note: See Figure A-1 for explanation of symbols.

### Log of Boring GEI-4 (continued)



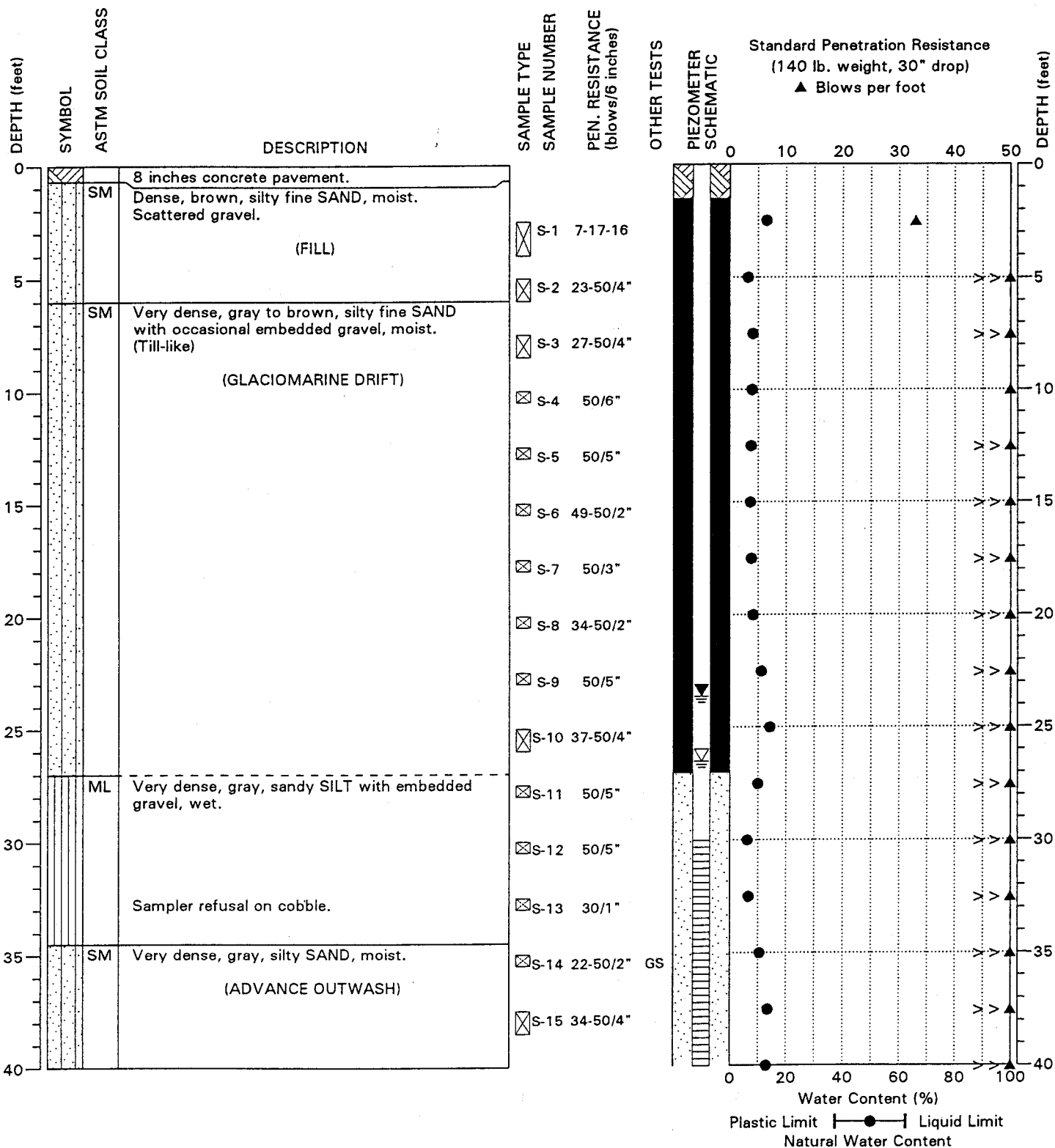
Project: South Lake Union Marriott AC  
 Project Location: Seattle, Washington  
 Project Number: 20776-003-00

Figure A-5  
 Sheet 2 of 2



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



BORING: BB-5

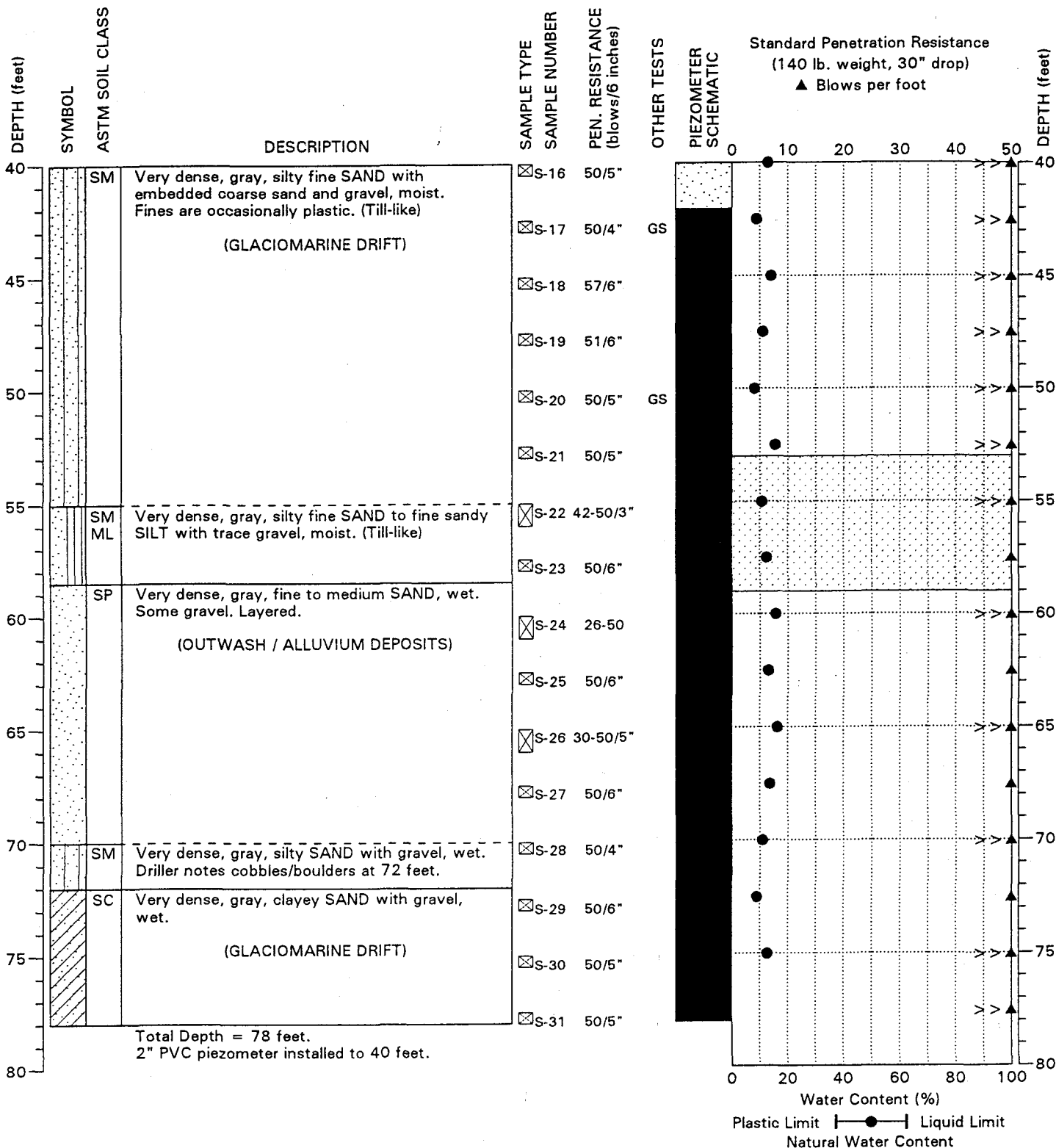
**HWA** Denny Way / Lake Union CSO, Contract B  
 HWAGEOSCIENCES INC. Seattle, Washington

PAGE: 1 of 2

PROJECT NO.: 97061 FIGURE: A-6

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

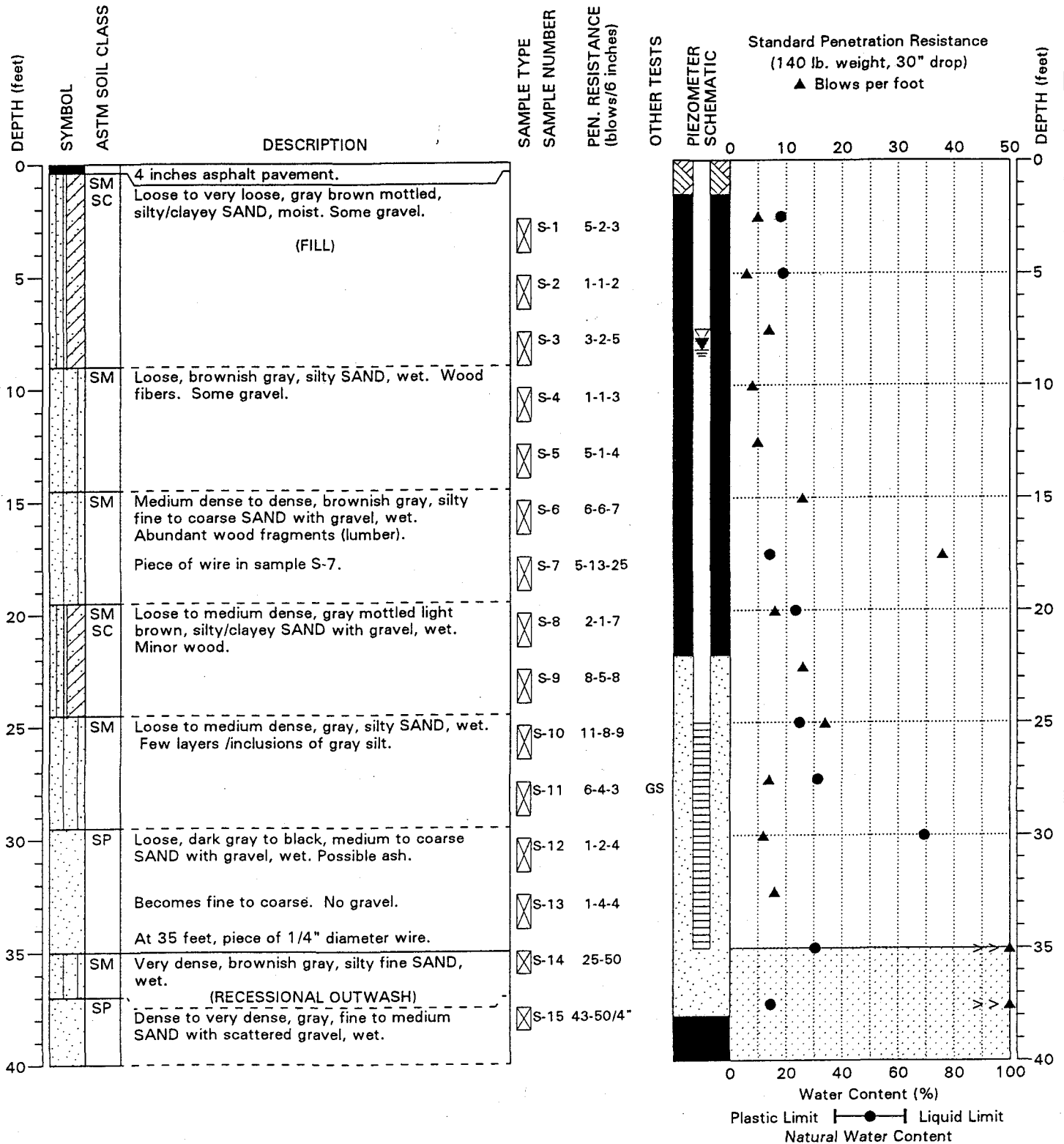
PAGE: 2 of 2

PROJECT NO.: 97061 FIGURE: A-6

DRILLING COMPANY: Hokkaido Drilling  
 DRILLING METHOD: B-61 Mobile, 4.5" ID HSA  
 SURFACE ELEVATION: 125 ± Feet

DOC ID 3364

LOCATION:  
 DATE COMPLETED: 6/4/97  
 LOGGED BY: ADM/RCD



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-7

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

PAGE: 1 of 2

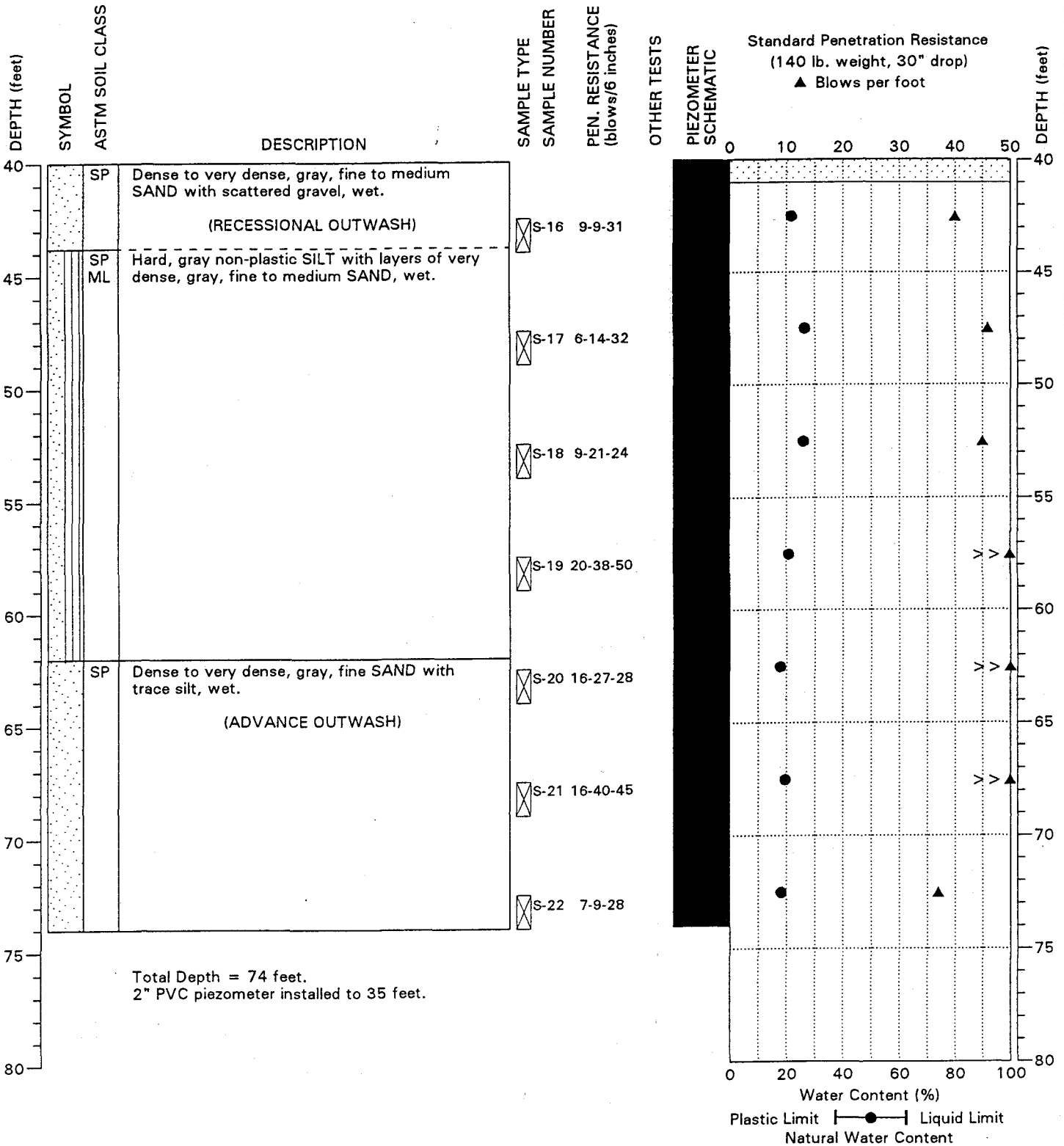
PROJECT NO.: 97061

FIGURE: A-8

DRILLING COMPANY: Hokkaido Drilling  
 DRILLING METHOD: B-61 Mobile, 4.5" ID HSA  
 SURFACE ELEVATION: 125 ± Feet

DOC ID 3364

LOCATION:  
 DATE COMPLETED: 6/4/97  
 LOGGED BY: ADM/RCD



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-7

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

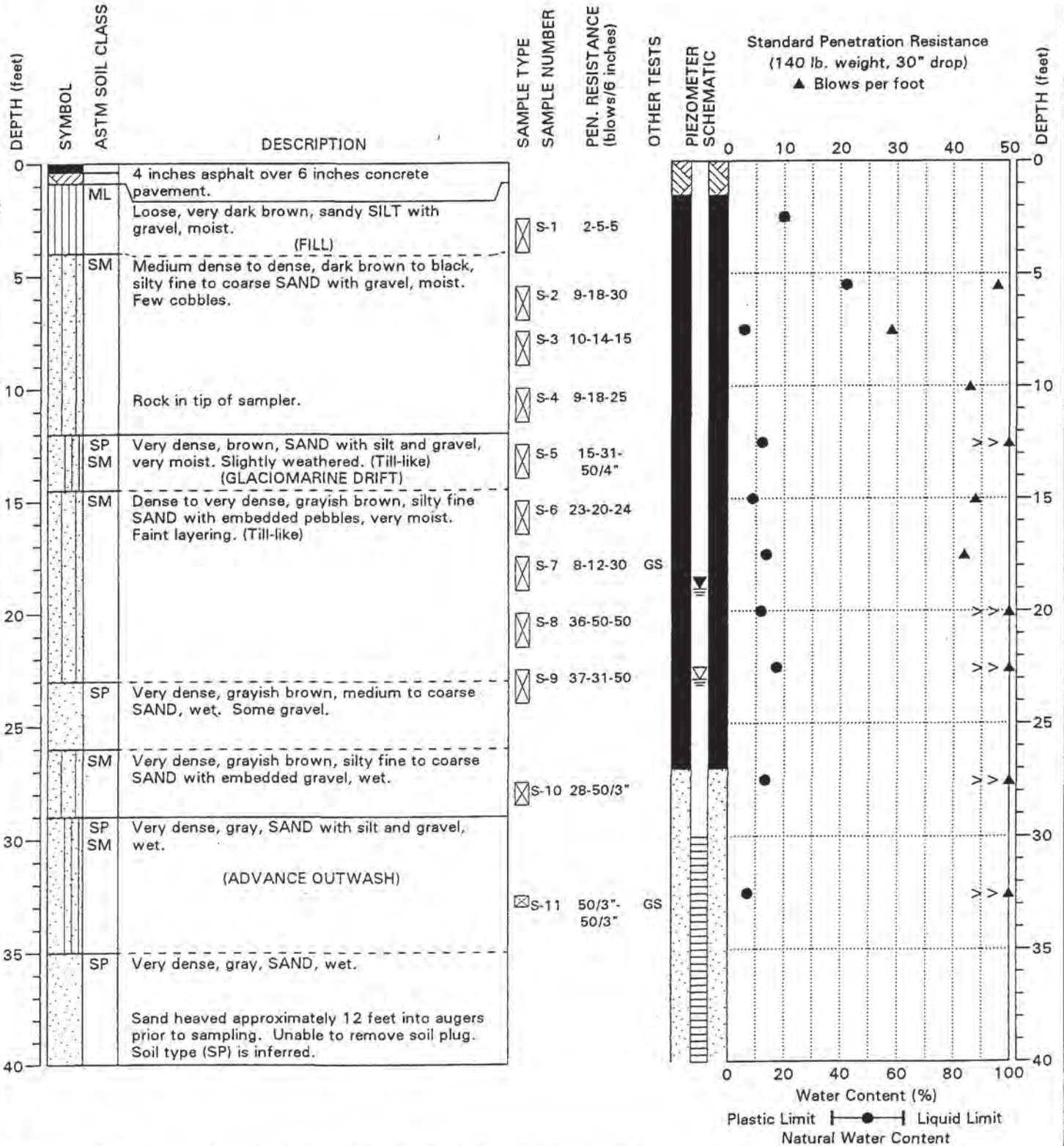
PAGE: 2 of 2

PROJECT NO.: 97061

FIGURE: A-8

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

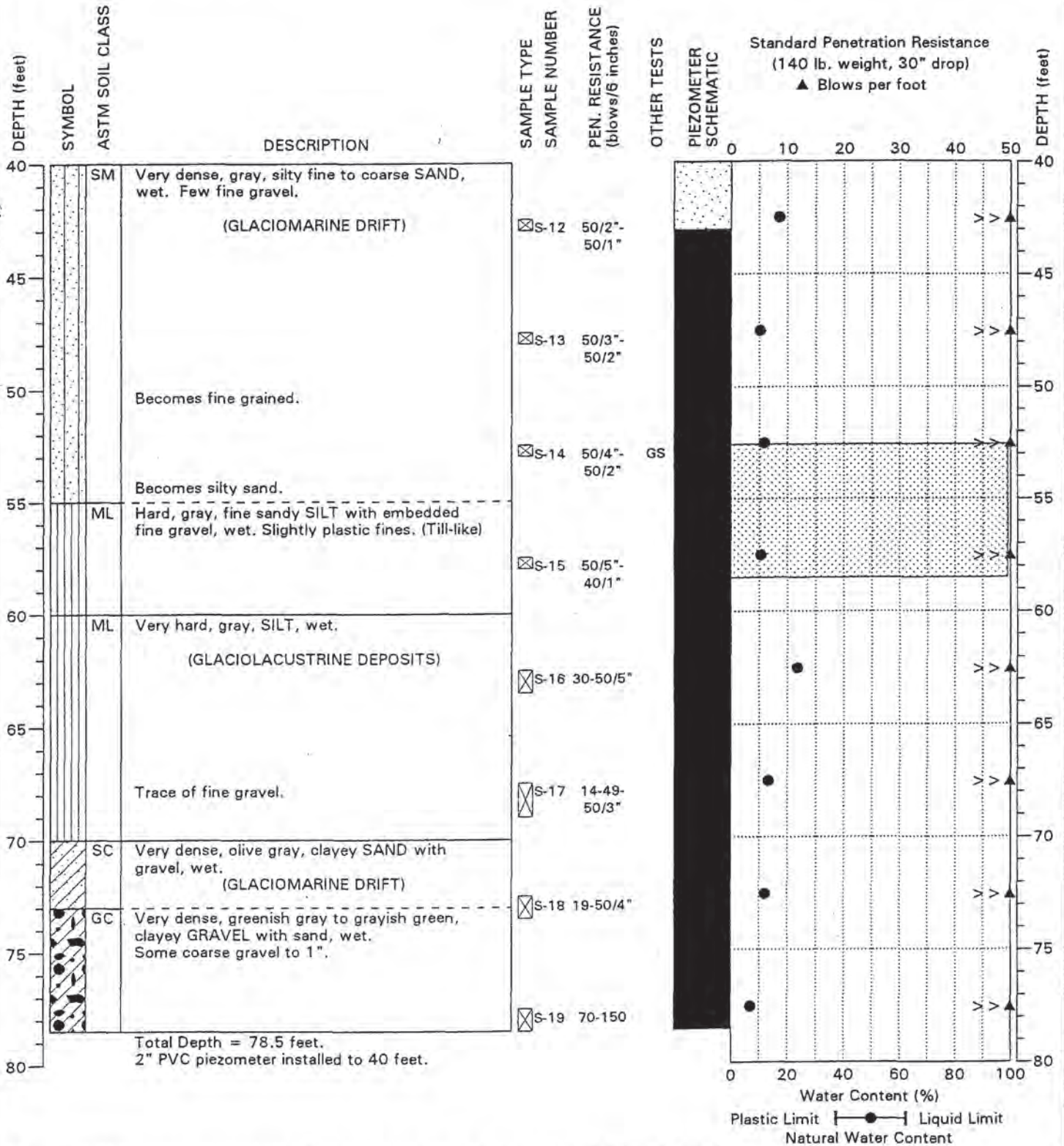
**HW** Denny Way / Lake Union CSO, Contract B  
 Seattle, Washington  
 HWAGEOSCIENCES INC.

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

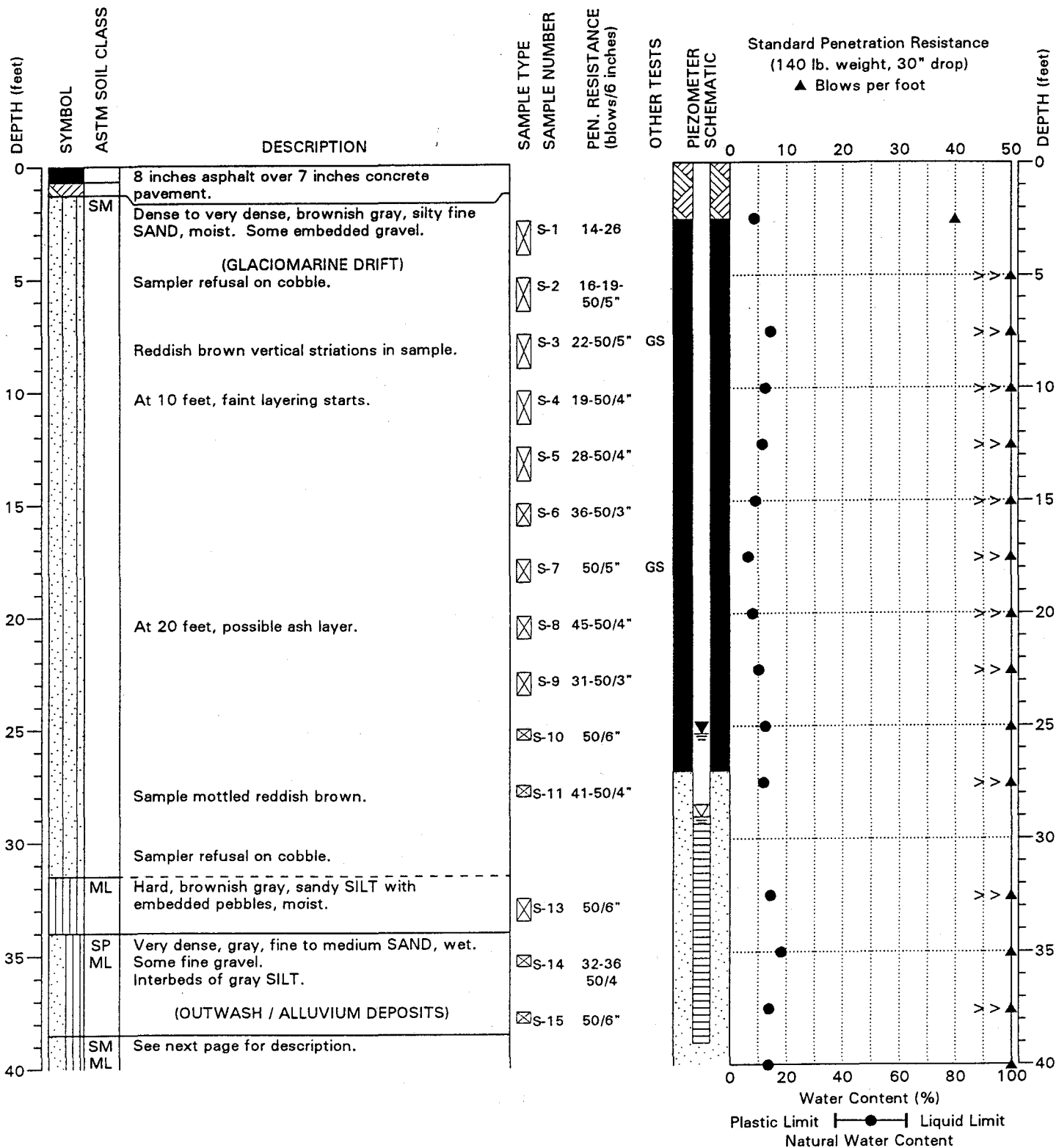
**HWA** Denny Way / Lake Union CSO, Contract B  
 HWAGEOSCIENCES INC. Seattle, Washington

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.**

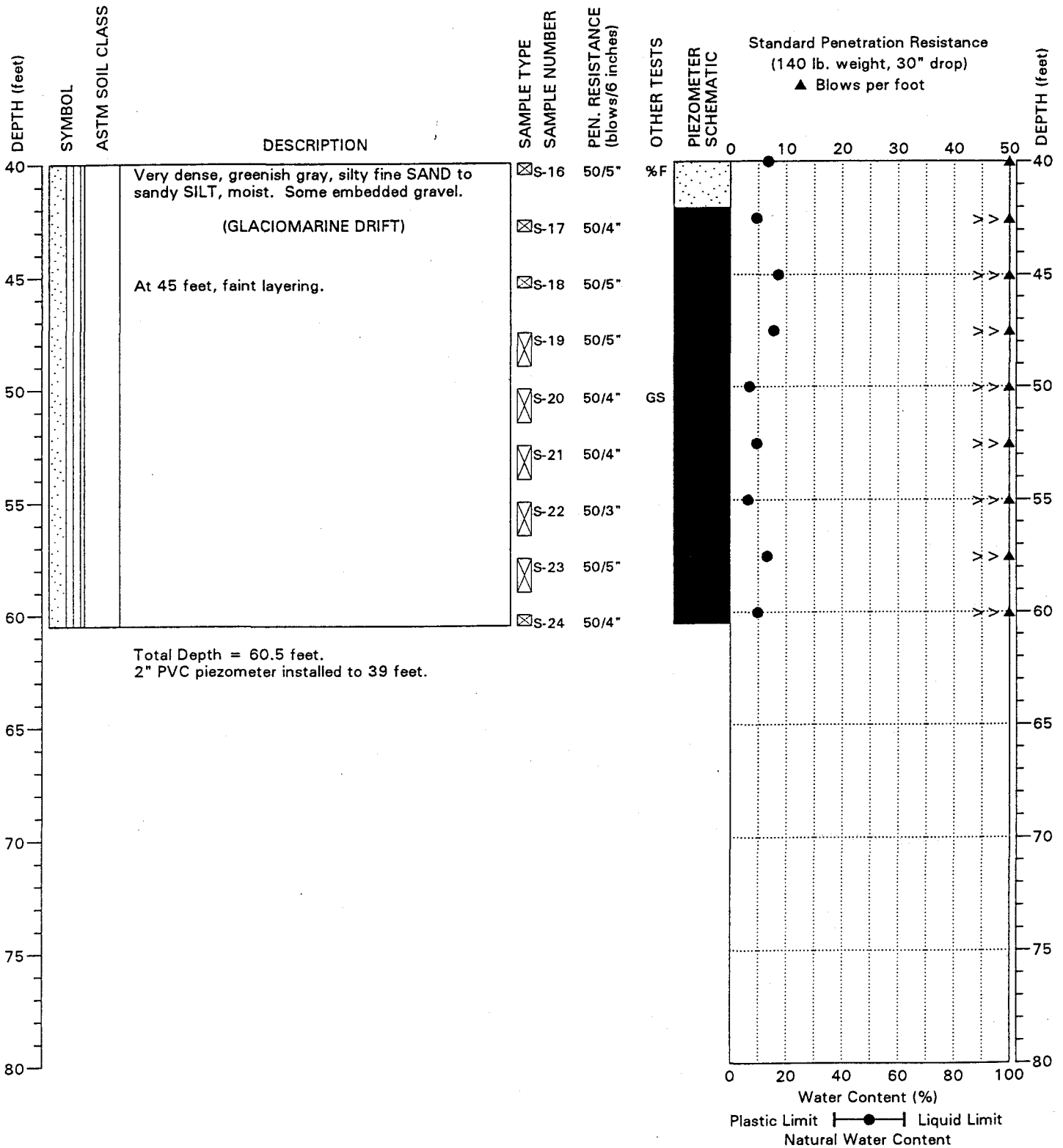
PAGE: 1 of 2

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

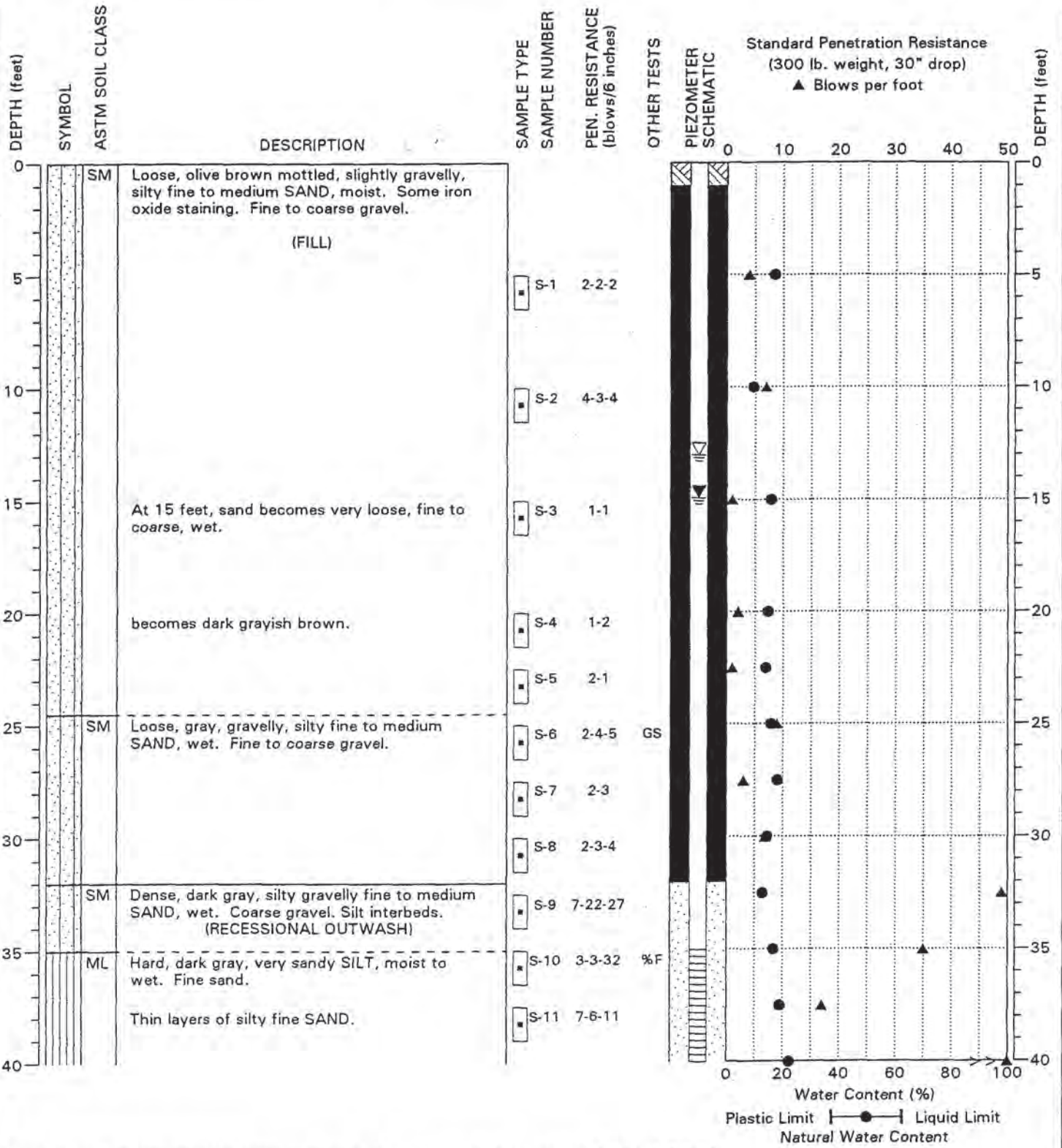
PROJECT NO.: 97061

FIGURE: A-10



DRILLING COMPANY: Cherokee  
 DRILLING METHOD: B-59 Mobile, 4.5" ID HSA  
 SURFACE ELEVATION: 131 ± Feet

LOCATION:  
 DATE COMPLETED: 3/18/98  
 LOGGED BY: GWE



BORING: BB-12

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

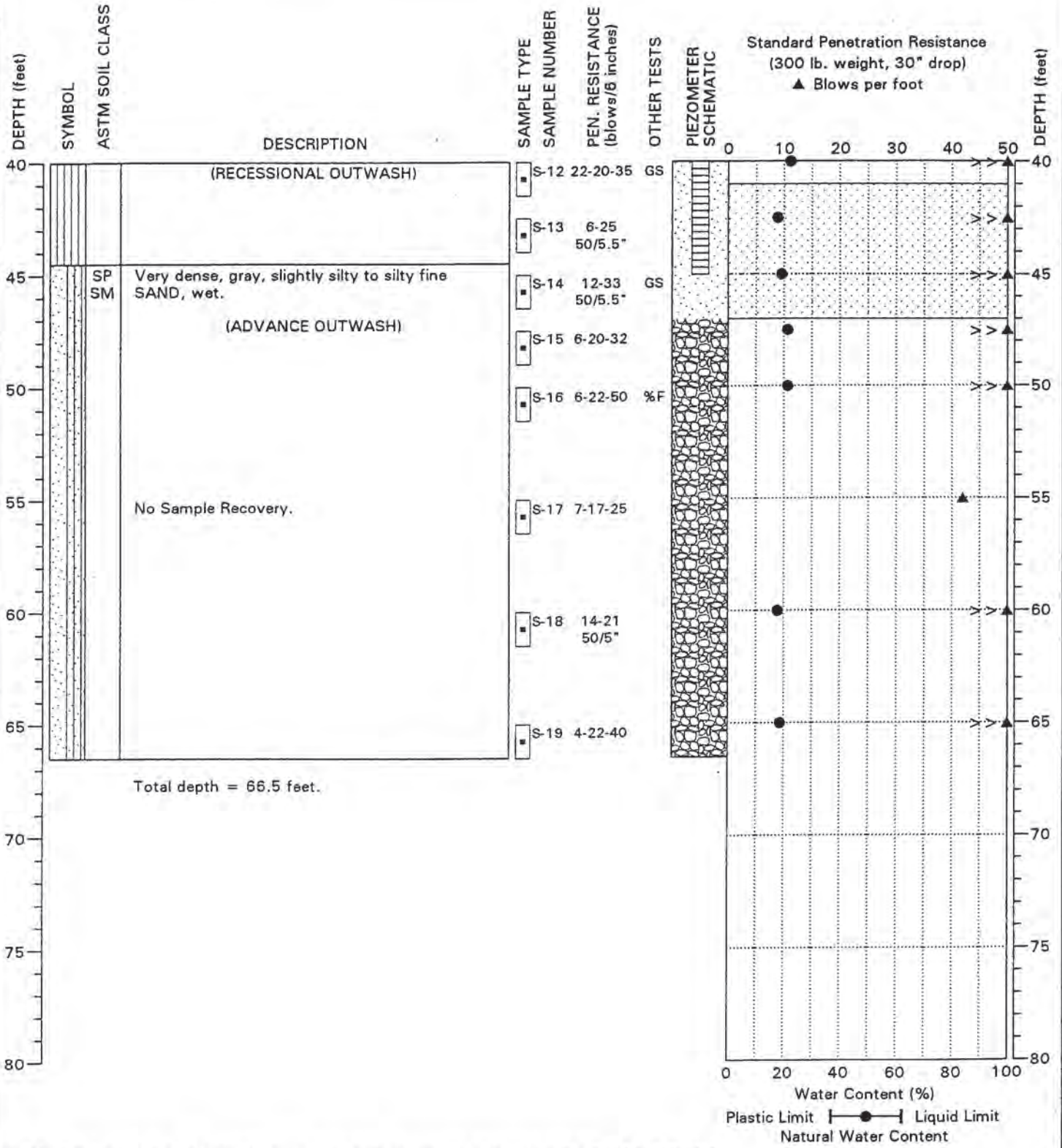
PAGE: 1 of 2

PROJECT NO.: 97061

FIGURE: A-13

DRILLING COMPANY: Cherokee  
 DRILLING METHOD: B-59 Mobile, 4.5" ID HSA  
 SURFACE ELEVATION: 131 ± Feet

LOCATION:  
 DATE COMPLETED: 3/18/98  
 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-12

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

PAGE: 2 of 2

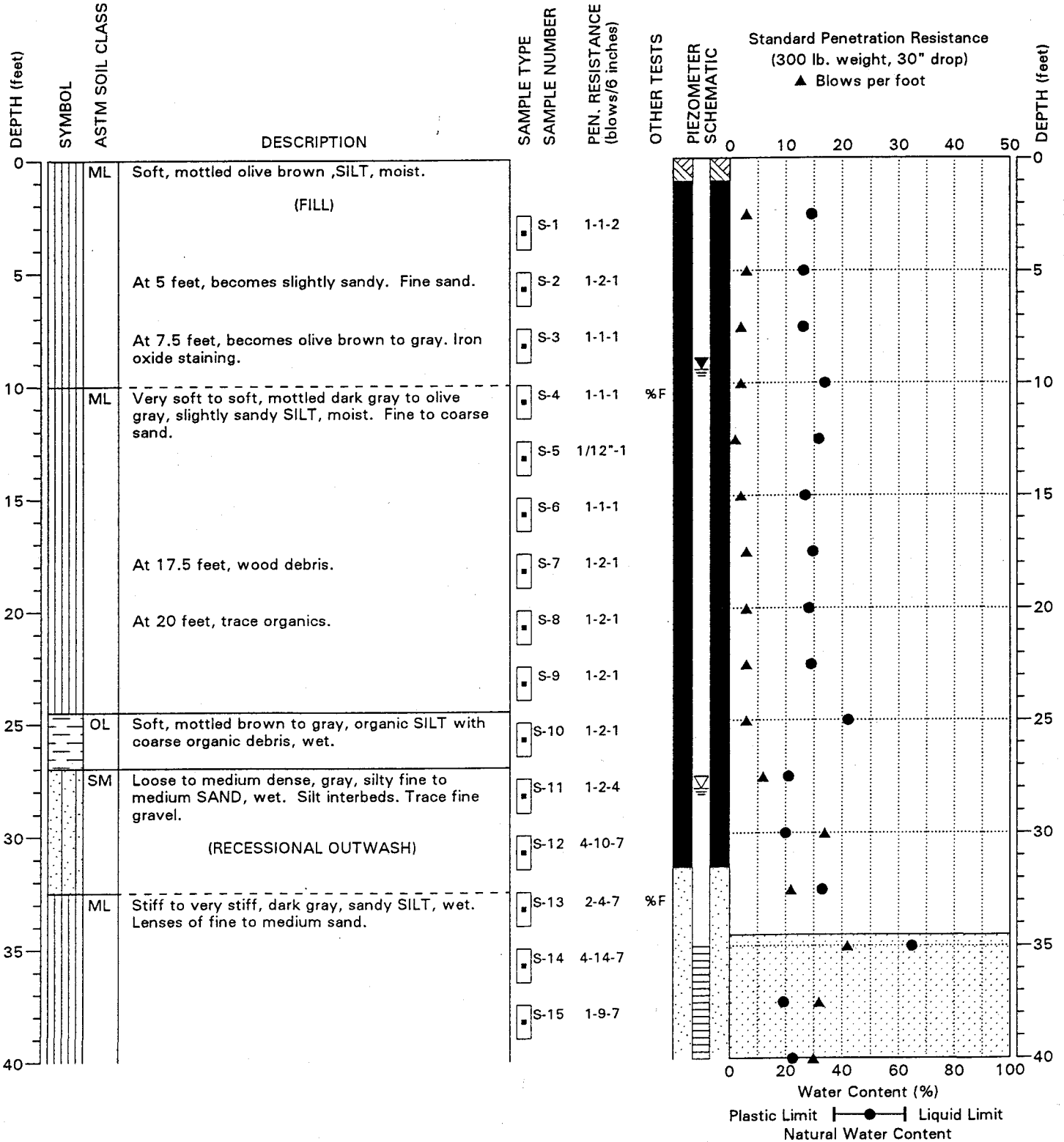
PROJECT NO.: 97061

FIGURE: A-13

DRILLING COMPANY: Cherokee  
 DRILLING METHOD: B-59 Mobile, 4.5" ID HSA  
 SURFACE ELEVATION: 125 ± Feet

Doc ID 3364

LOCATION:  
 DATE COMPLETED: 3/19/98  
 LOGGED BY: GWE



BORING: BB-13

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

PAGE: 1 of 2

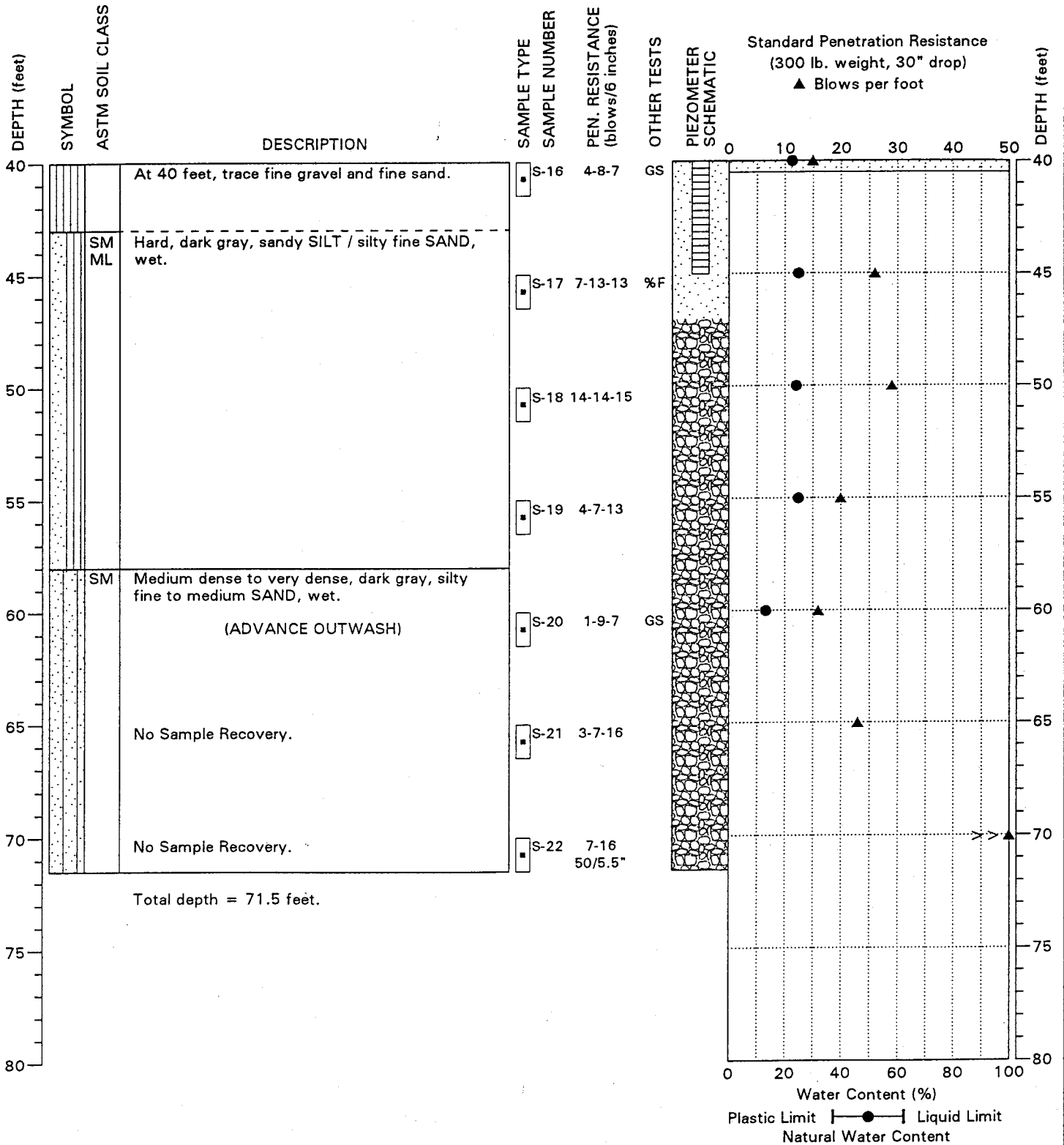
PROJECT NO.: 97061

FIGURE: A-14

DRILLING COMPANY: Cherokee  
 DRILLING METHOD: B-59 Mobile, 4.5" ID HSA  
 SURFACE ELEVATION: 125 ± Feet

DOC ID 3364

LOCATION:  
 DATE COMPLETED: 3/19/98  
 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-13

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

PAGE: 2 of 2

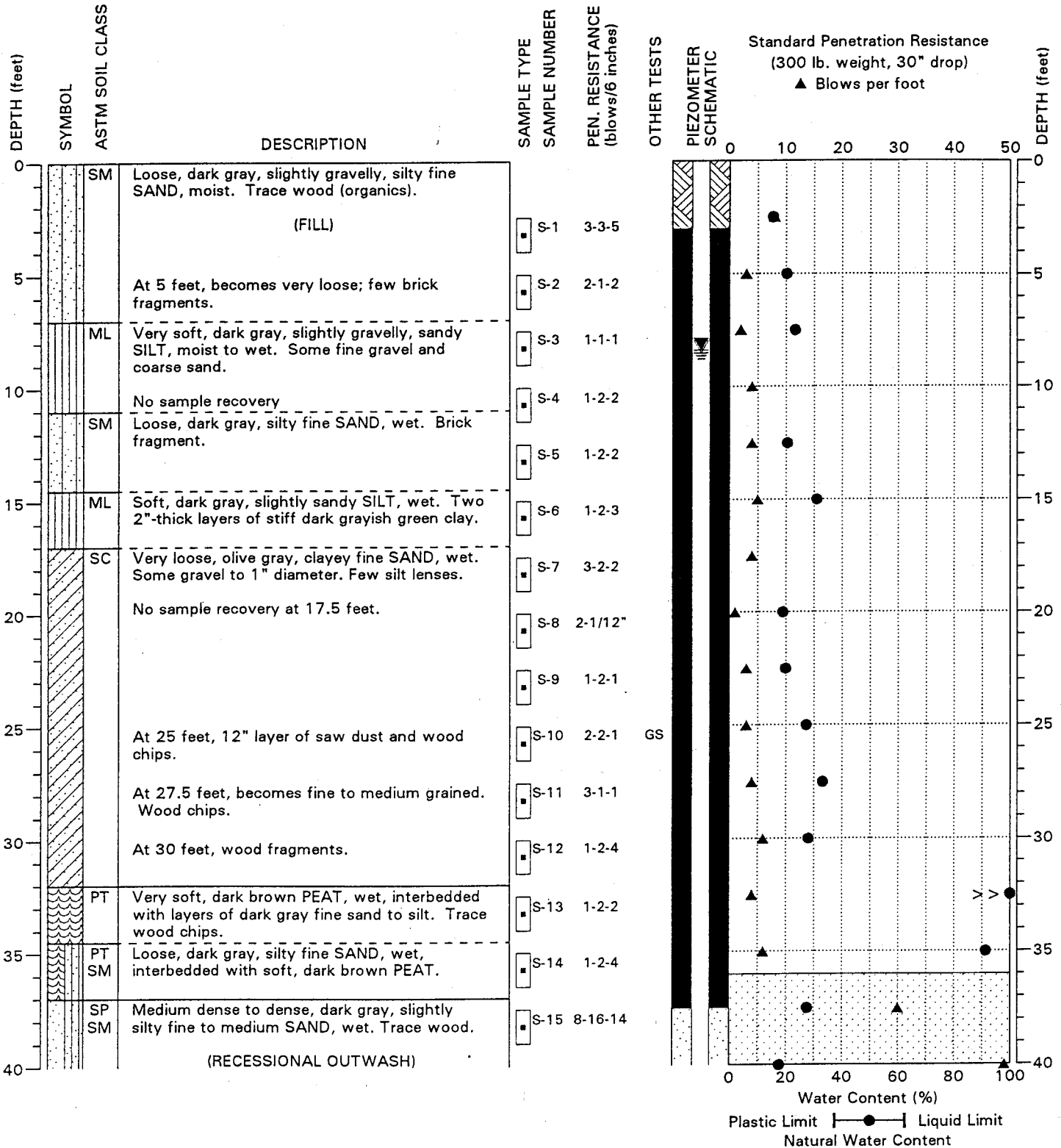
PROJECT NO.: 97061

FIGURE: A-14

DRILLING COMPANY: Cherokee  
 DRILLING METHOD: B-59 Mobile, 4.5" ID HSA  
 SURFACE ELEVATION: 125 ± Feet

DOC ID 3364

LOCATION:  
 DATE COMPLETED: 3/3/98  
 LOGGED BY: MB



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-14

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

PAGE: 1 of 2

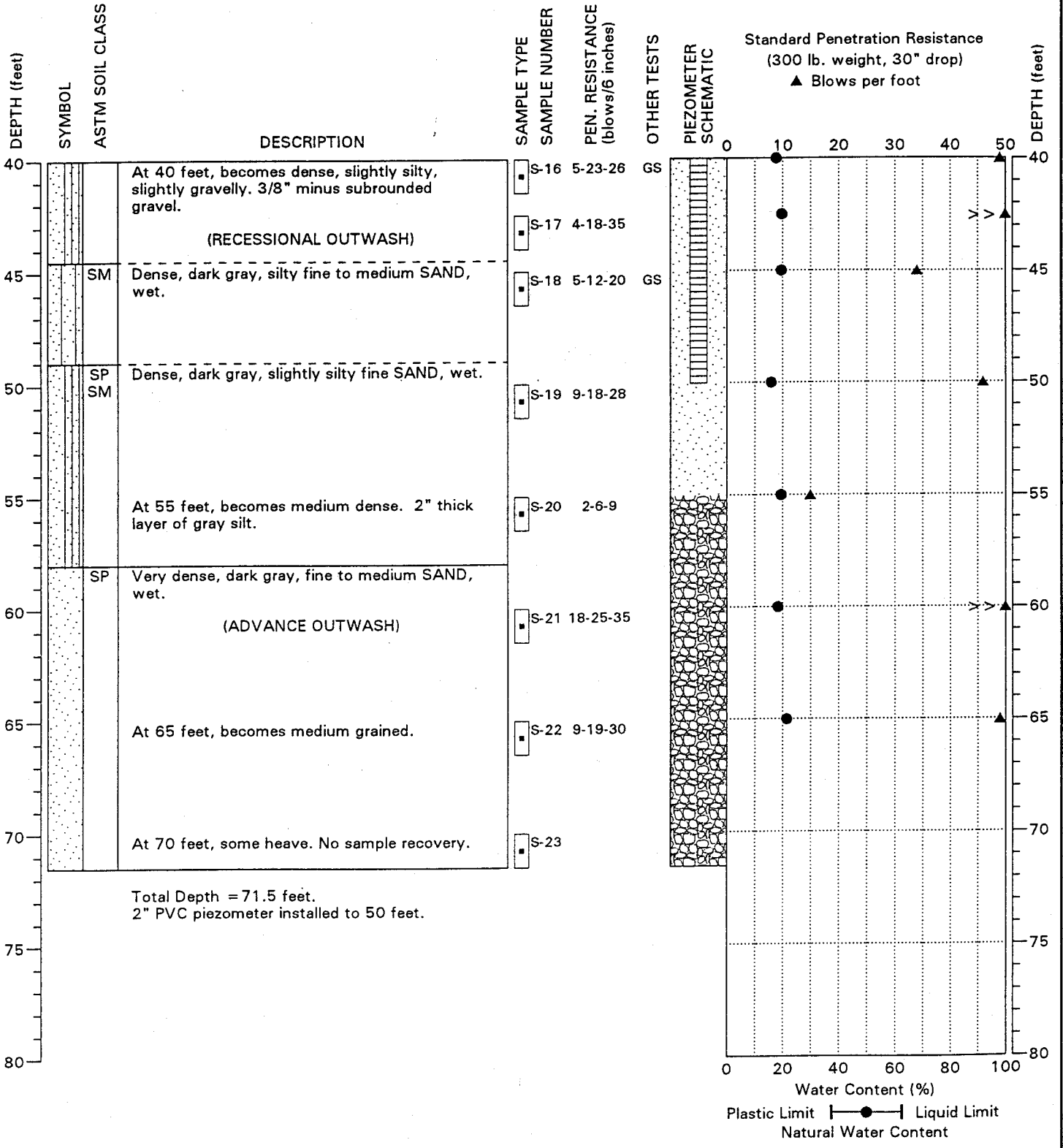
PROJECT NO.: 97061

FIGURE: A-15

DRILLING COMPANY: Cherokee  
 DRILLING METHOD: B-59 Mobile, 4.5" ID HSA  
 SURFACE ELEVATION: 125 ± Feet

Doc ID 3364

LOCATION:  
 DATE COMPLETED: 3/3/98  
 LOGGED BY: MB



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.

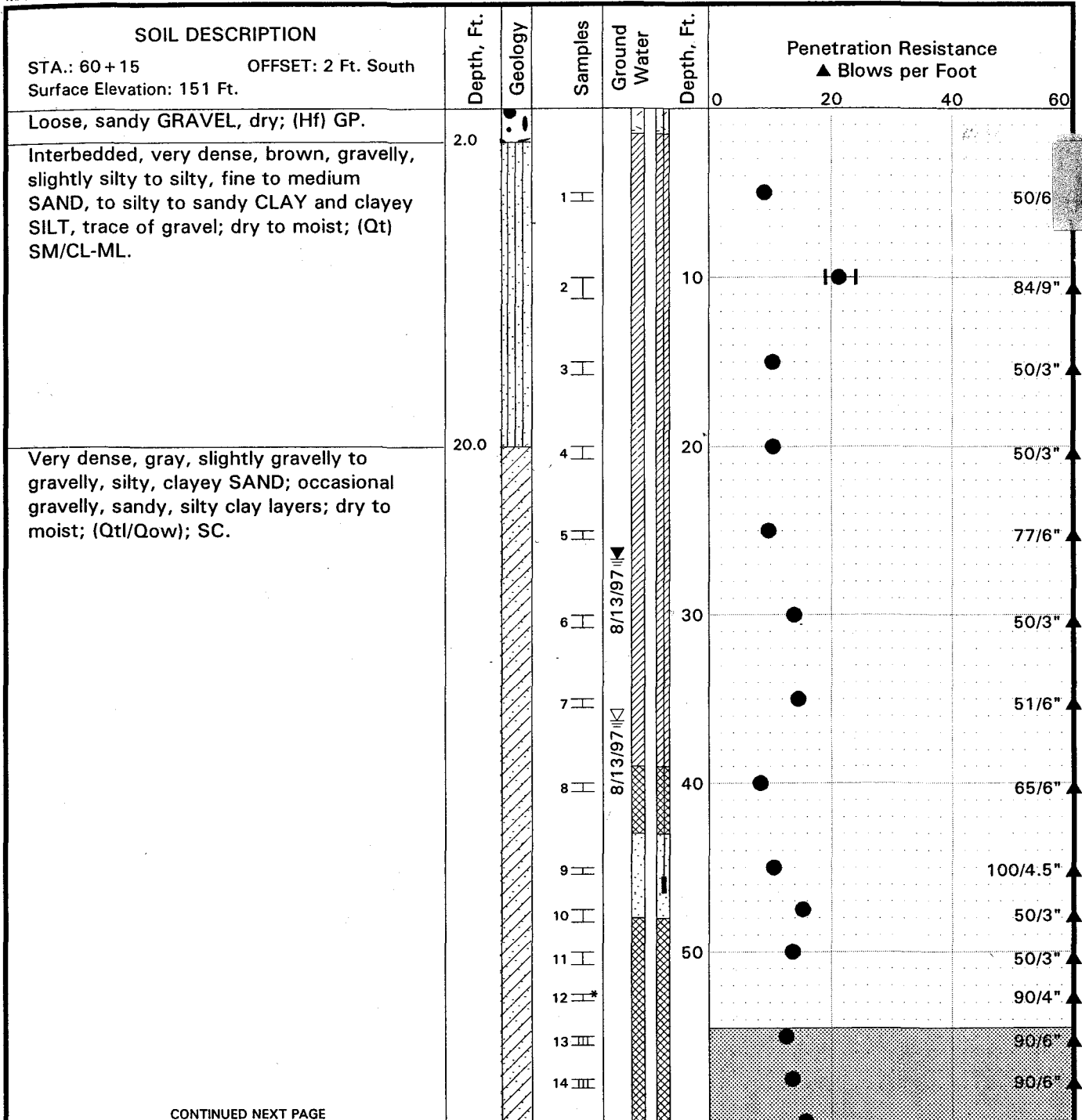
BORING: BB-14

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

PAGE: 2 of 2

PROJECT NO.: 97061

FIGURE: A-15



CONTINUED NEXT PAGE

**LEGEND**

- \* Sample Not Recovered
- I 2" O.D. Split Spoon Sample
- II 3" O.D. Shelby Tube Sample
- P Pitcher Barrel Sampler
- III 3" O.D. Split Spoon Sample
- G Grab Sample

- Vibrating Wire Piezometer (VWP)
- ▼ VWP groundwater level
- Piezometer Screen
- ▽ Groundwater Level
- ⊗ Annular Sealant
- ⊠ Grout

- % Water Content
- Liquid Limit
- Plastic Limit
- Natural Water Content

**NOTES**

1. The stratification lines represent the approximate boundaries between soil types, and the transition may be gradual.
2. The discussion in the text of this report is necessary for a proper understanding of the nature of subsurface materials.
3. Water level, if indicated above, is for the date specified and may vary.
4. Refer to KEY for explanation of "Symbols" and definitions.
5. USC letter symbol based on visual classification.

Denny Way/Lake Union CSO Project  
Mercer Street Tunnel  
Seattle, Washington

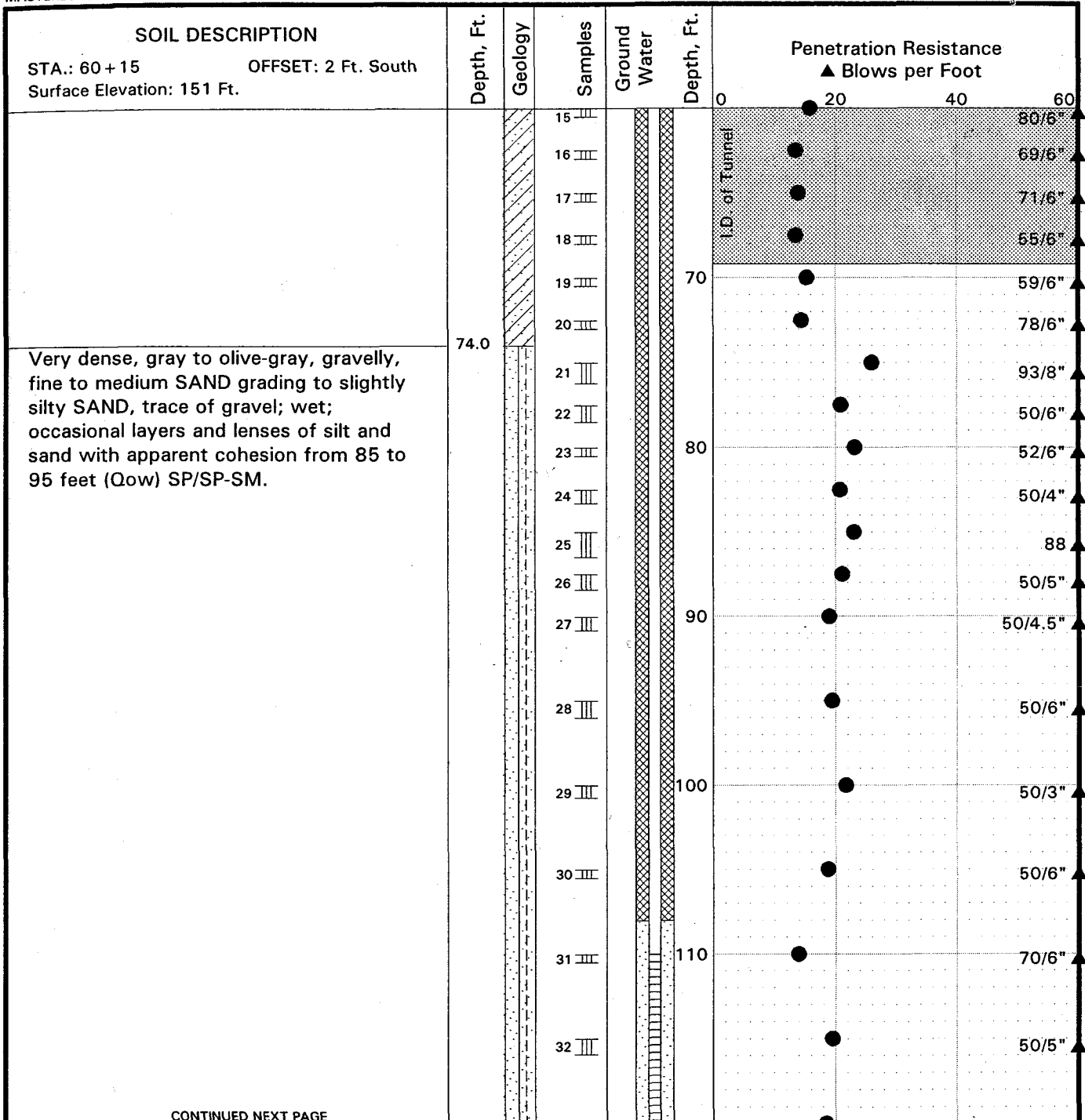
**LOG OF BORING TB 12**

October 1997

W-7808-21

**SHANNON & WILSON, INC.**  
Geotechnical and Environmental Consultants

**FIG. A-12**  
Sheet 1 of 3



CONTINUED NEXT PAGE

**LEGEND**

- \* Sample Not Recovered
- ▤ 2" O.D. Split Spoon Sample
- ▥ 3" O.D. Shelby Tube Sample
- P Pitcher Barrel Sampler
- ▧ 3" O.D. Split Spoon Sample
- G Grab Sample
- ▨ Vibrating Wire Piezometer (VWP)
- ▼ VWP groundwater level
- ▩ Piezometer Screen
- ▽ Groundwater Level
- ▩ Annular Sealant
- ▨ Grout

● % Water Content  
 Plastic Limit —●— Liquid Limit  
 Natural Water Content

**NOTES**

- The stratification lines represent the approximate boundaries between soil types, and the transition may be gradual.
- The discussion in the text of this report is necessary for a proper understanding of the nature of subsurface materials.
- Water level, if indicated above, is for the date specified and may vary.
- Refer to KEY for explanation of "Symbols" and definitions.
- USC letter symbol based on visual classification.

Denny Way/Lake Union CSO Project  
 Mercer Street Tunnel  
 Seattle, Washington

**LOG OF BORING TB-12**

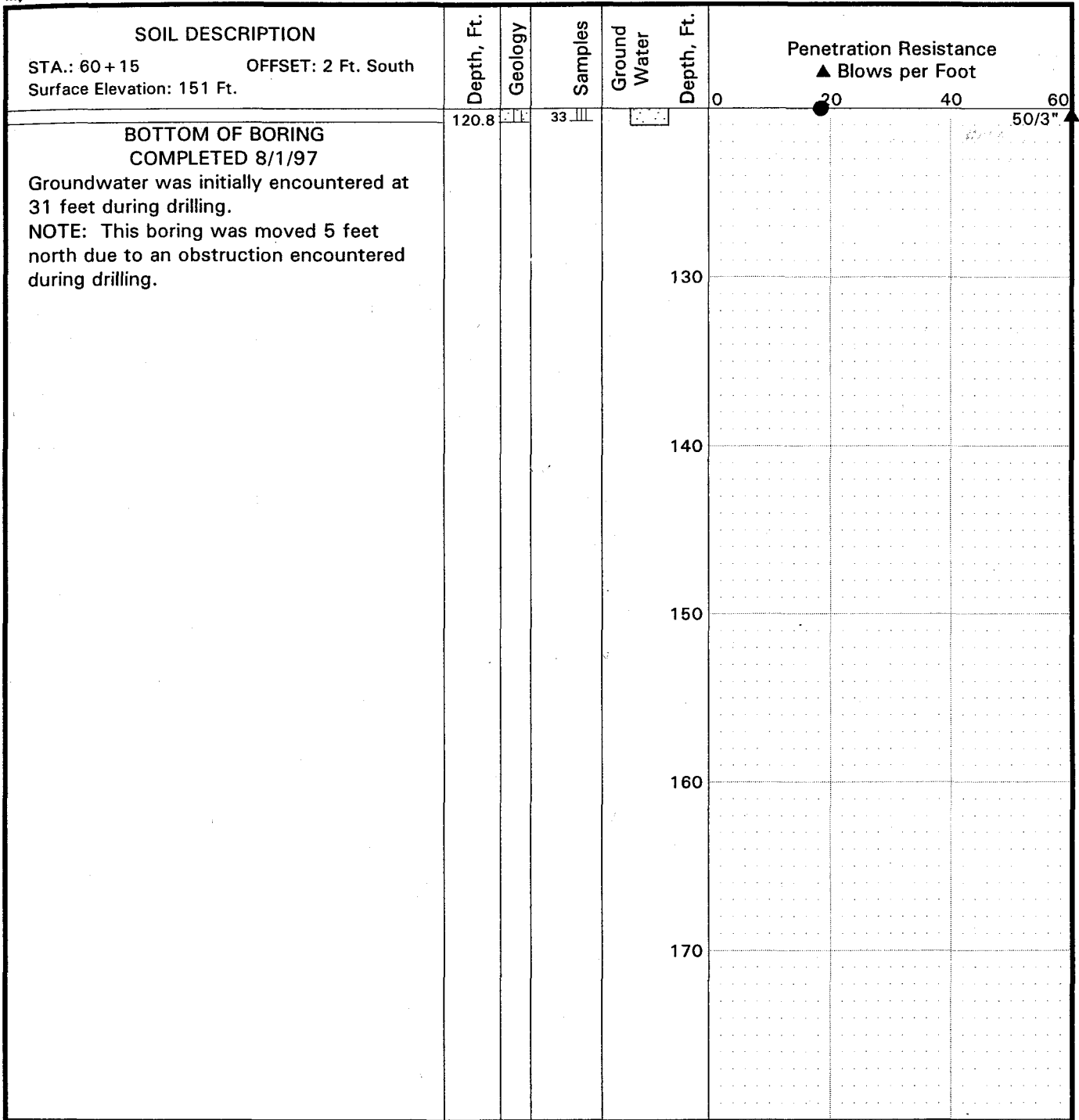
October 1997

W-7808-21







**SHANNON & WILSON, INC.**  
 Geotechnical and Environmental Consultants

**FIG. A-12**  
 Sheet 2 of 3





**LEGEND**

- |                                |   |                                 |
|--------------------------------|---|---------------------------------|
| * Sample Not Recovered         |  | Vibrating Wire Piezometer (VWP) |
| I 2" O.D. Split Spoon Sample   |  | VWP groundwater level           |
| II 3" O.D. Shelby Tube Sample  |  | Piezometer Screen               |
| P Pitcher Barrel Sampler       |  | Groundwater Level               |
| III 3" O.D. Split Spoon Sample |  | Annular Sealant                 |
| G Grab Sample                  |  | Grout                           |

- % Water Content
- Plastic Limit —●— Liquid Limit
- Natural Water Content

**NOTES**

- The stratification lines represent the approximate boundaries between soil types, and the transition may be gradual.
- The discussion in the text of this report is necessary for a proper understanding of the nature of subsurface materials.
- Water level, if indicated above, is for the date specified and may vary.
- Refer to KEY for explanation of "Symbols" and definitions.
- USC letter symbol based on visual classification.

Denny Way/Lake Union CSO Project  
Mercer Street Tunnel  
Seattle, Washington

**LOG OF BORING TB-12**

October 1997

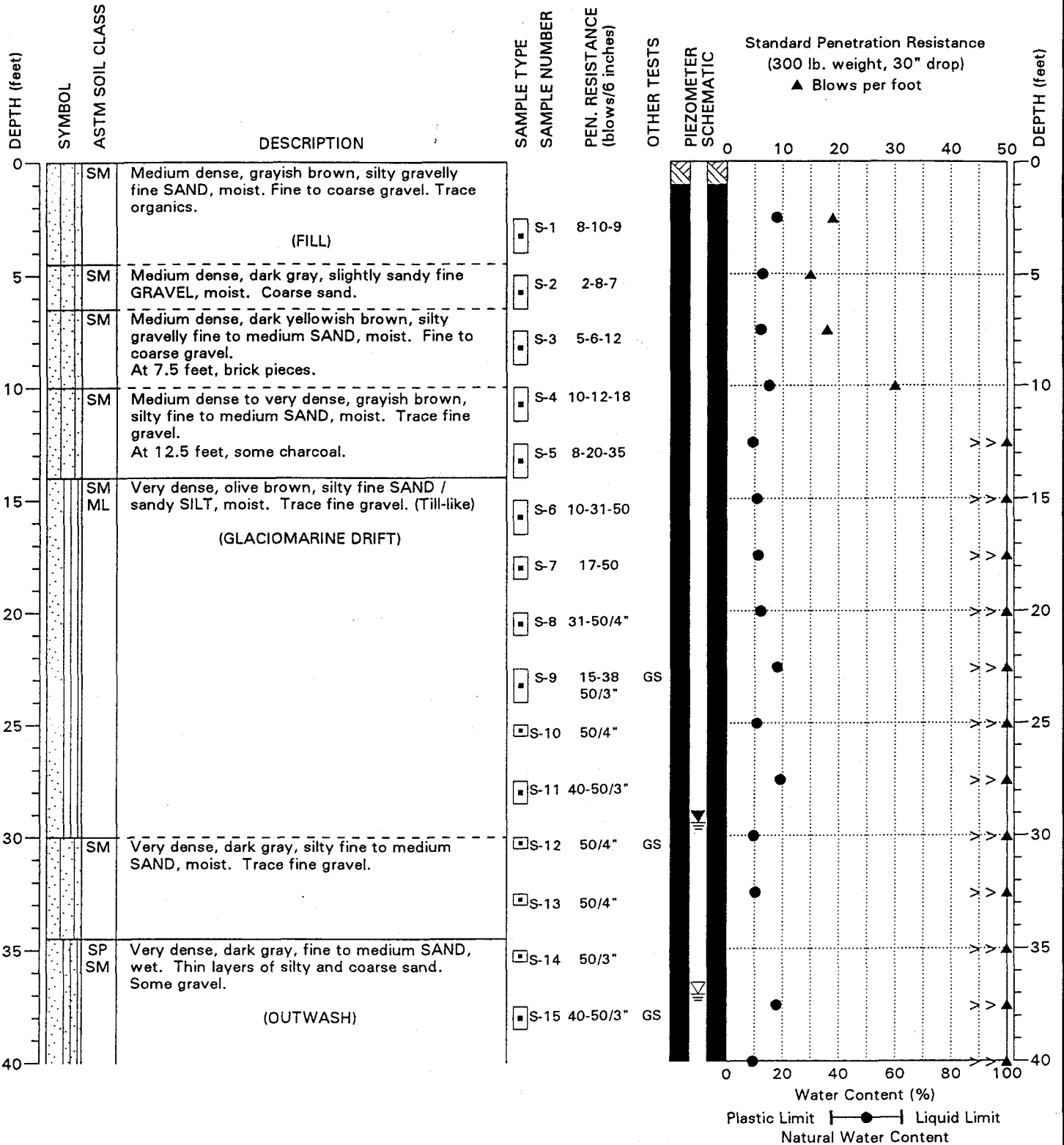
W-7808-21

**SHANNON & WILSON, INC.**  
Geotechnical and Environmental Consultants

**FIG. A-12**  
Sheet 3 of 3

DRILLING COMPANY: Cherokee  
 DRILLING METHOD: B-59 Mobile, Mud Rotary, 5"  
 SURFACE ELEVATION: 145.3 ± Feet

LOCATION:  
 DATE COMPLETED: 3/17/98  
 LOGGED BY: SG/RD



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: TB-18

**IWA** Denny Way / Lake Union CSO, Contract A  
 HWAGEOSCIENCES INC. Seattle, Washington

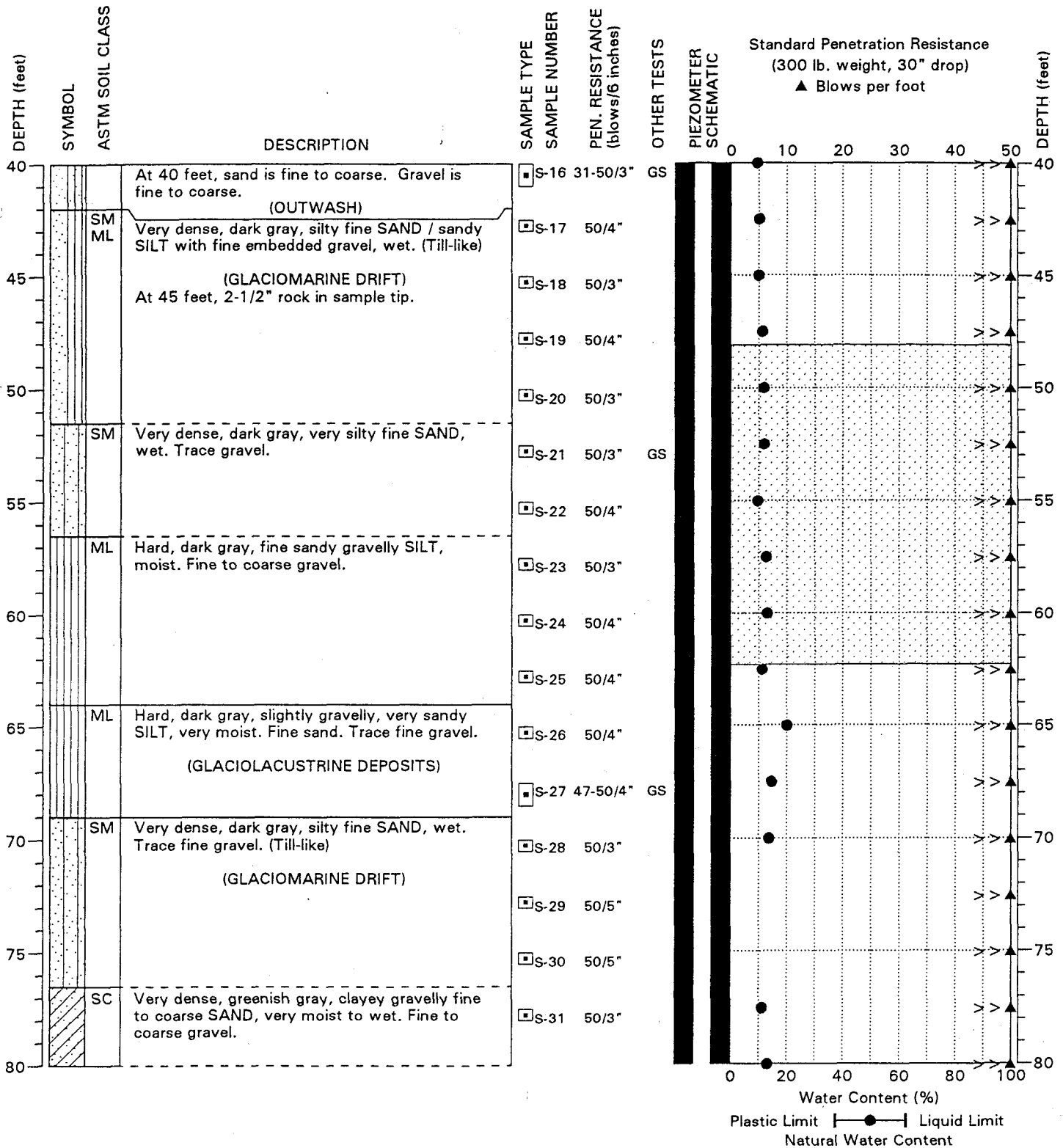
PAGE: 1 of 4

PROJECT NO.: 97061

FIGURE: A-20

DRILLING COMPANY: Cherokee  
 DRILLING METHOD: B-59 Mobile, Mud Rotary, 5"  
 SURFACE ELEVATION: 145.3 ± Feet

LOCATION:  
 DATE COMPLETED: 3/17/98  
 LOGGED BY: SG/RD



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: TB-18

**IWA** Denny Way / Lake Union CSO, Contract A  
 HWAGEOSCIENCES INC. Seattle, Washington

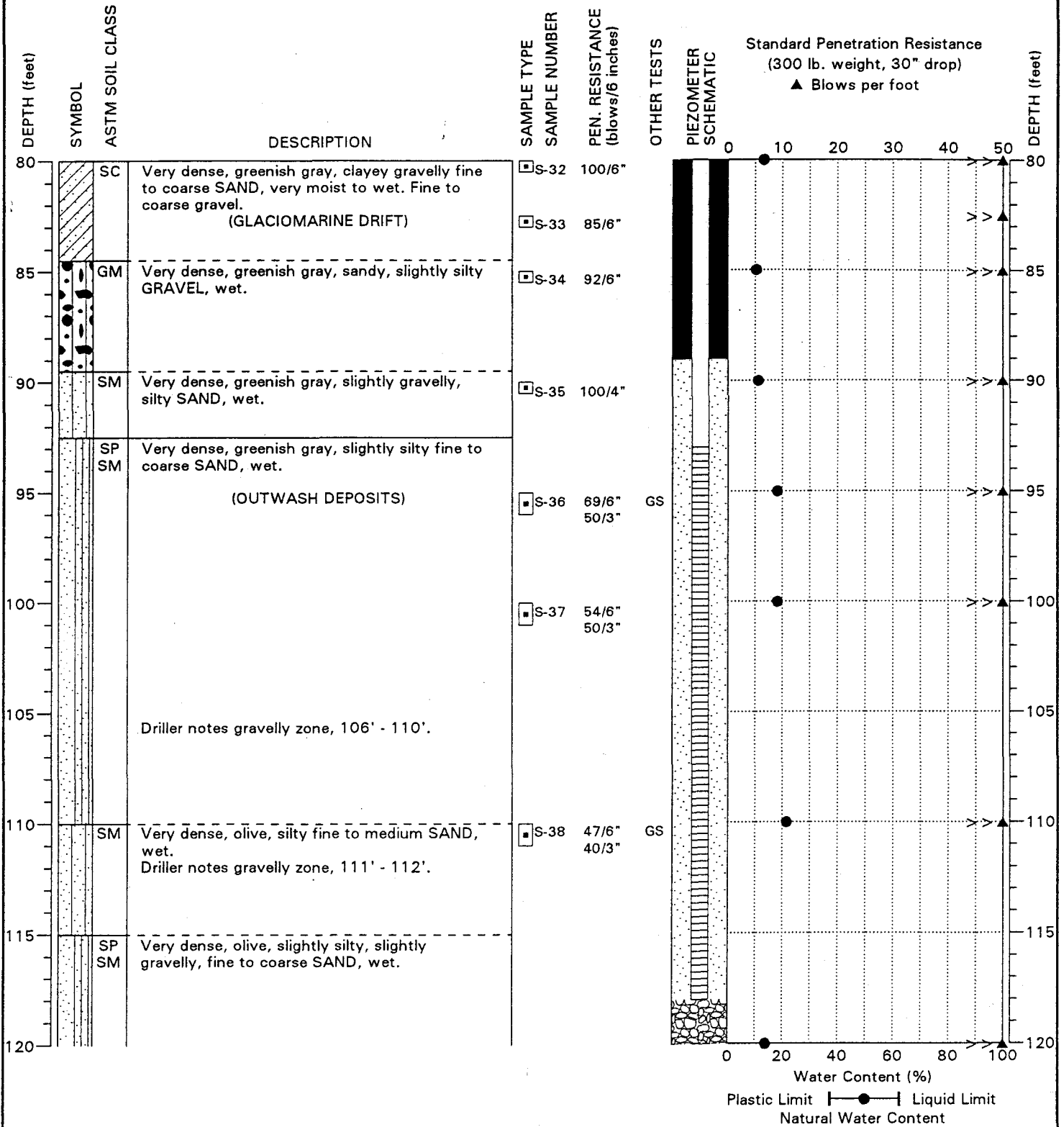
PAGE: 2 of 4

PROJECT NO.: 97061

FIGURE: A-20

DRILLING COMPANY: Cherokee  
 DRILLING METHOD: B-59 Mobile, Mud Rotary, 5"  
 SURFACE ELEVATION: 145.3 ± Feet

LOCATION:  
 DATE COMPLETED: 3/17/98  
 LOGGED BY: SG/RD



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: TB-18

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

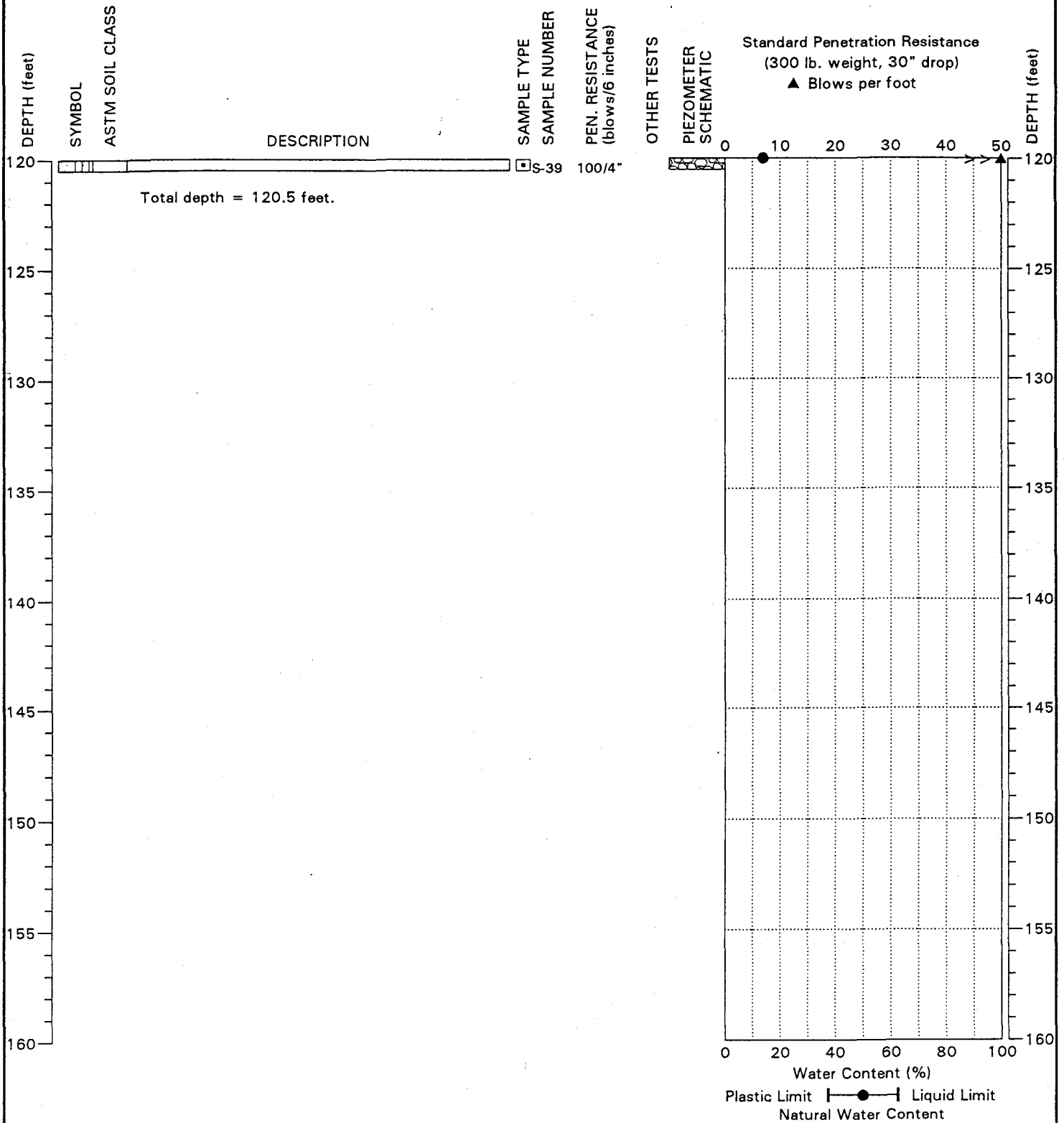
PAGE: 3 of 4

PROJECT NO.: 97061

FIGURE: A-20

DRILLING COMPANY: Cherokee  
 DRILLING METHOD: B-59 Mobile, Mud Rotary, 5"  
 SURFACE ELEVATION: 145.3 ± Feet

LOCATION:  
 DATE COMPLETED: 3/17/98  
 LOGGED BY: SG/RD



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: TB-18

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

PAGE: 4 of 4





PROJECT NO.: 97061

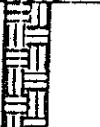



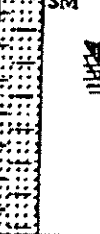
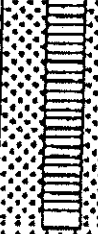
FIGURE: A-20

Project: <b>Maryalt Industries</b> 773 Valley Street, Seattle, Washington		Log of Well No. <b>MW1</b>	
Date Started: 10/22/92	Completed: 10/22/92	Measuring Point Elevation (ft): 28.11	Total Depth (ft): 16.5
Logged By: T. Ramsden	Checked By: BH	Water Level During Drilling (ft): 8.3	Stabilized (ft): 7.4
Drilling Co: Tacoma Pump & Drilling		Casing: Schedule 40 PVC	Drill Bit Diameter (in): 10"
Drilling Method: Hollow-stem Auger		Perforation: 0.010 Slot	from 14 ft to 4 ft
Drilling Equipment: Mobile B-36		Pack: 10-20 Sand	from 15 ft to 3.5 ft
Sampler: Split Spoon		Seal: Bentonite	from 3.5 ft to 1.5 ft
		Cement	from 1.5 ft to 0 ft

Depth (feet)	LITHOLOGIC DESCRIPTION	Lithology	Monitoring Well Construction	Sample	Blow Counts	OVM (ppm)	Recovery (%)	REMARKS
0 - 5	FILL 50% sand and silt, 50% bricks, concrete blocks, railroad spikes, etc. Dark black, wet clay. Tarry appearance, no odor.				7 10 10	0	75	
5 - 10	Sandy SILT Red and black, fine grained sand, 15% fine gravel, very wet, no odor (Fill?)	SM			8 16 12		55	
10 - 15	SAND Grey-green, medium to coarse grained, 10% fine gravel, 15% clay mostly well rounded, saturated. SAND Medium to coarse, yellowish gold colored bititic. Possible oily sheen on soil.	SW			23 28 34			
15 - 20								
20 - 25								
25 - 30								
30 - 35								

**DRAFT**

Project: <b>Maryatt Industries</b> 773 Valley Street, Seattle, Washington		Log of Well No. <b>MW2</b>	
Date Started: <b>10/22/92</b>	Completed: <b>10/22/92</b>	Measuring Point Elevation (ft): <b>30.86</b>	Total Depth (ft): <b>15.0</b>
Logged By: <b>T. Ramsden</b>	Checked By: <b>BH</b>	Water Level During Drilling (ft): <b>10.6</b>	Stabilized (ft): <b>10.2</b>
Drilling Co: <b>Tacoma Pump &amp; Drilling</b>		Casing: <b>Schedule 40 PVC</b>	Drill Bit Diameter (in): <b>10"</b>
Drilling Method: <b>Hollow-stem Auger</b>		Perforation: <b>0.010 Slot</b>	 from <b>15 ft</b> to <b>5 ft</b>
Drilling Equipment: <b>Mobile 11-56</b>		Pack: <b>10-20 Sand</b>	 from <b>15 ft</b> to <b>4 ft</b>
Sampler: <b>Split Spoon</b>		Seal: <b>Bentonite</b>	 from <b>4 ft</b> to <b>1.5 ft</b>
		<b>Cement</b>	 from <b>1.5 ft</b> to <b>0 ft</b>

Depth (feet)	LITHOLOGIC DESCRIPTION	Lithology	Monitoring Well Construction	Sample	Blow Counts	OVM (ppm)	Recovery (%)	REMARKS
0 - 5	<b>FILL</b> Clay, sand, bricks, concrete blocks.  <b>SILT</b> Medium greenish-tan, abundant orange mottling, moist, cohesive, no odor, <10% wood fragments.				4 5 8		95	
5 - 10	<b>Sandy SILT</b> Medium green to brown, very moist, cohesive, moderate hydrocarbon odor. (Pill?)				4 6 8		70	
10 - 15	<b>Silty SAND</b> Mottled orange-brown and dark green, medium grained, saturated, weak hydrocarbon odor. (Pill?)						30	
15 - 35								

**DRAFT**

Project: <b>Maryatt Industries</b> 773 Valley Street, Seattle, Washington		Log of Well No. <b>MW3</b>	
Date Started: 10/22/92	Completed: 10/22/92	Measuring Point Elevation (ft): 32.04	Total Depth (ft): 17.0
Logged by: T. Ramsden	Checked By: BH	Water Level During Drilling (ft): 12.0	Stabilized (ft): 11.4
Drilling Co: Tacoma Pump & Drilling		Casing: Schedule 40 PVC	Drill Bit Diameter (in): 10"
Drilling Method: Hollow-stem Auger		Perforation: 0.010 Slot	from 17 ft to 7 ft
Drilling Equipment: Mobile B-56		Pack: 10-20 Sand	from 17 ft to 6 ft
Sampler: Split Spoon		Seal: Bentonite	from 6 ft to 1.5 ft
		Cement	from 1.5 ft to 0 ft

Depth (feet)	LITHOLOGIC DESCRIPTION	Lithology	Monitoring Well Construction	Sample	Blow Counts	OVM (ppm)	Recovery (%)	REMARKS
0 - 5	<p>Silt: Sand Fill Light grayish-brown, moist, slightly cohesive, no odor.</p> <p>Sandy Silt Fill Dark brown to green, very moist, cohesive, no odor.</p>				10 14 10		30	
5 - 10	Silty Sand Fill Tan, fine to medium grained, <10% fine gravel, moist, cohesive, no odor				4 8 10		95	
10 - 15	Silt and Sand Fill Medium brown to black, broken glass fragments, some gravel, wet, cohesive, very weak hydrocarbon odor.				8 10 21		70	
15 - 35								

**DRAFT**



Project: <b>Maryatt Industries</b> 773 Valley Street, Seattle, Washington		Log of Well No. <b>MW4</b>	
Dug Started: <b>10/23/92</b>	Completed: <b>10/23/92</b>	Measuring Point Elevation (ft): <b>40.94</b>	Total Depth (ft): <b>36.5</b>
Logged By: <b>T. Ramsden</b>	Checked By: <b>BH</b>	Water Level During Drilling (ft): <b>26.0</b>	Stabilized (ft): <b>21.9</b>
Drilling Co: <b>Tacona Pump &amp; Drilling</b>		Casing: <b>Schedule 40 PVC</b>	Drill Bit Diameter (in): <b>10"</b>
Drilling Method: <b>Hollow-stem Auger</b>		Perforation: <b>0.010 Slot</b>	from <b>30 ft</b> to <b>15 ft</b>
Drilling Equipment: <b>Mobile H-50</b>		Pack: <b>10-20 Sand</b>	from <b>30.5 ft</b> to <b>12.5 ft</b>
Sampler: <b>Split Spoon</b>		Seal: <b>Bentonite</b>	from <b>12.5 ft</b> to <b>2 ft</b>
		<b>Cement</b>	from <b>2 ft</b> to <b>0 ft</b>

Depth (feet)	LITHOLOGIC DESCRIPTION	Lithology	Monitoring Well Construction	Sample	Blow Counts	OVM (ppm)	Recovery (%)	REMARKS
5	EL Brown silty sand, gravel with large concrete blocks near surface.				44 50/2"		75	
10	SILTY SAND Medium grained.	SM			50/2"		0	
15	SILTY SAND Brown, 10% gravel up 1", moist slightly loose, no odor.				20 50/4"	0	100	
20	SILTY SAND Dark brown, 5-10% gravel very moist, cohesive no odor.				25/2"		0	
25	Sandy SILT Brown, <10% fine gravel, no odor, moist, cohesive.	ML			50/4"		100	
30	Sandy SILT Gray-green, <5% fine gravel, very moist, hard, no odor.				50/6"		100	
35	Silty SAND Greenish grey, medium to coarse grained, <10% gravel up to 2", saturated no odor.	SP			58 43 50/4"		100	

**DRAFT**

Project: Maryatt Industries 773 Valley Street, Seattle, Washington		Log of Well No. MW5	
Date Started: 10/27/92	Completed: 10/27/92	Measuring Point Elevation (ft): 47.20	Total Depth (ft): 33.5
Logged By: B. Hull	Checked By: TR	Water Level During Drilling (ft): 26.0	Stabilizer (ft): 21.9
Drilling Co: Tacoma Pump & Drilling		Casing: Schedule 40 PVC	Drill Bit Diameter (in): 10"
Drilling Method: Hollow-stem Auger		Perforation: 0.01" Slot	from 30 ft to 15 ft
Drilling Equipment: Mobile E-56		Pack: 10-20 Sand	from 30 ft to 13 ft
Sampler: Split Spoon		Seal: Bentonite	from 13 ft to 1 ft
		Cement	from 1 ft to 0 ft

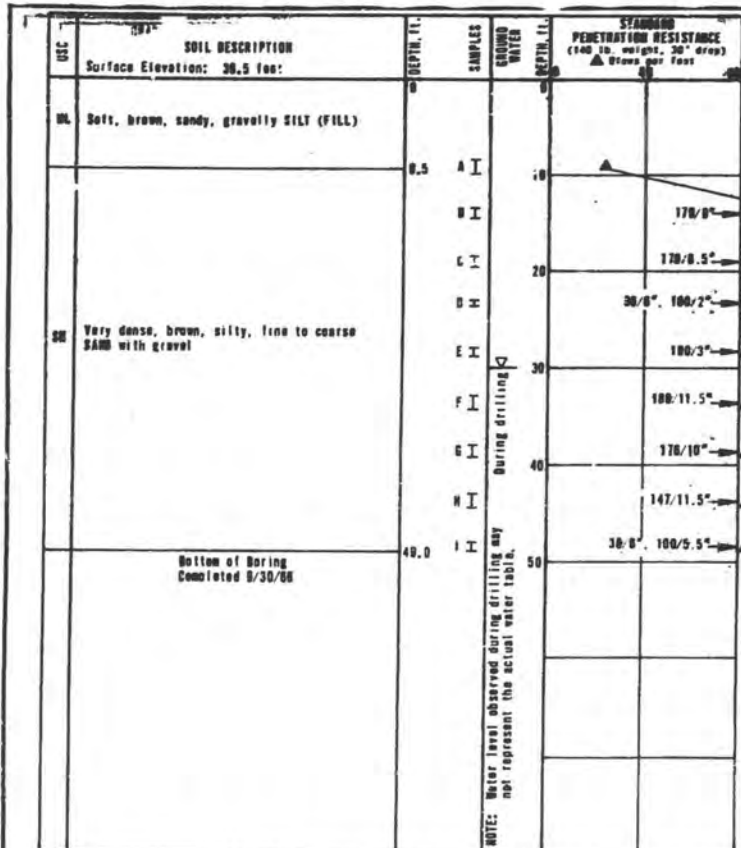
Depth (feet)	LITHOLOGIC DESCRIPTION	Lithology	Monitoring Well Construction	Sample	Blow Counts	OVM (ppm)	Recovery (%)	REMARKS
5	Ed. Medium brown, 50% gravel, 30% silt, 20% sand, damp, no odor.				5 6 6	0	70	
10	As above, moist, no odor.				4 5 6	0	80	
15	Sandy Gravel Grey, moist, 50% gravel, 40% fine to med sand, 10% silt, no odor.	GW			2 6 7	0	70	
20	Slty SAND Grey-brown, 60% fine sand, 40% silt, hard packed, dry, no odor.	SM			22 10 14	0	80	
25	Slty sandy GRAVEL Dark grey, 60% gravel, 20% sand, 20% silt, moist, no odor.	GW			26 40	0	25	
30	As above, reddish brown, wet, no odor.				20 27 18	0	70	
35								

**DRAFT**

Project: <b>Maryatt Industries</b> 773 Valley Street, Seattle, Washington		Log of Well No. <b>MW6</b>	
Date Started: <b>10/27/92</b>	Completed: <b>10/27/92</b>	Measuring Point Elevation (ft): <b>35.39</b>	Total Depth (ft): <b>22.0</b>
Logged By: <b>B. Hall</b>	Checked By: <b>TR</b>	Water Level During Drilling (ft): <b>17.0</b>	Stabilized (ft): <b>17.8</b>
Drilling Co: <b>Tacoma Pump &amp; Drilling</b>		Casing: <b>Schedule 40 PVC</b>	Drill Bit Diameter (in): <b>10"</b>
Drilling Method: <b>Hollow-stem Auger</b>		Perforation: <b>0.010 Skt</b>	from <b>22 ft</b> to <b>12 ft</b>
Drilling Equipment: <b>Mobile B-56</b>		Pack: <b>10-20 Sand</b>	from <b>22 ft</b> to <b>10 ft</b>
Sampler: <b>Split Spoon</b>		Seal: <b>Bentonite</b>	from <b>10 ft</b> to <b>2 ft</b>
		<b>Cement</b>	from <b>2 ft</b> to <b>0 ft</b>

Depth (feet)	LITHOLOGIC DESCRIPTION	Lithology	Monitoring Well Construction	Sample	Blow Counts	GVZ (gpm)	Recovery (%)	REMARKS
0	Medium brown, 50% gravel, 30% sand, 20% silt, brick fragments, damp, no odor.				11 11 15	0	50	
10	As above, abundant brick fragments.				22 24 18	0	50	
15	As above, grey, moist, no odor.				26 18	0	50	
20	As above, wet, no odor.				12 12 18	0	50	

**DRAFT**



LEGEND

I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

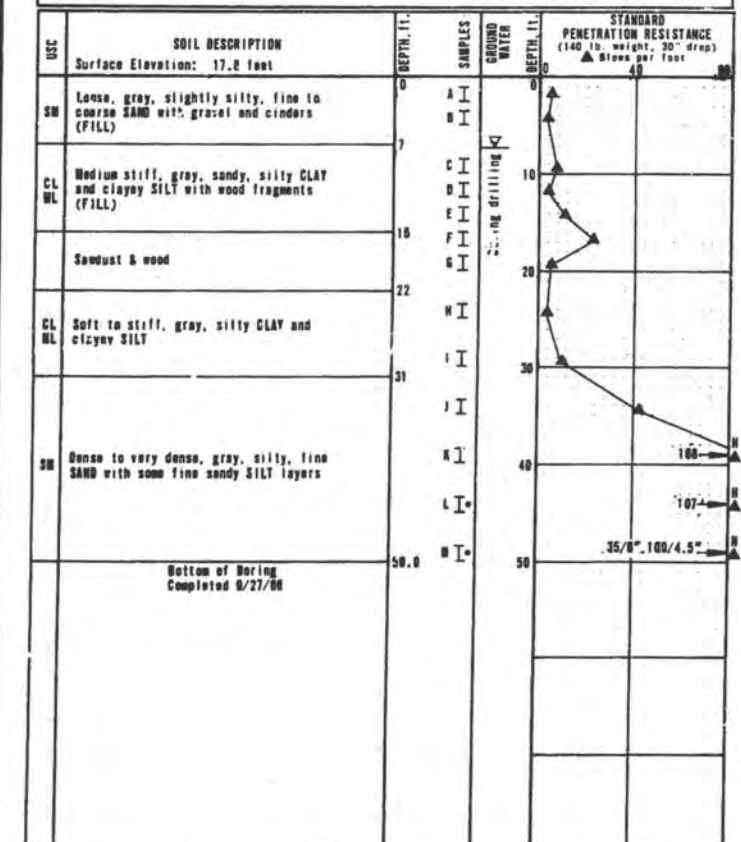
Impervious soil  
 Water level  
 Piezometer tip  
 Sampler pushed

Atterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

USC Unified Soil Classification

Water content

CITY OF SEATTLE  
 DAY FREEMAN  
 LOG OF BORING NO. TH-1  
 FEB. 12, 1971 W-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



LEGEND

I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

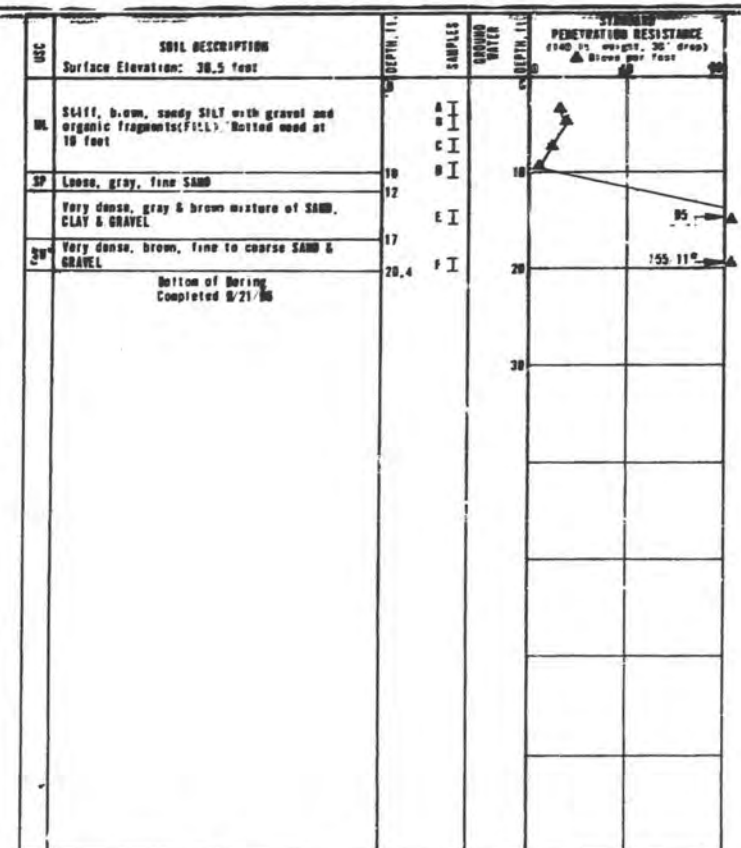
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 Piezometer tip  
 Sampler pushed

Atterberg limits:  
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 Natural water content  
 Plastic limit

USC Unified Soil Classification

Water content

CITY OF SEATTLE  
 DAY FREEMAN  
 LOG OF BORING NO. TH-5  
 FEB. 12, 1971 W-1000  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



LEGEND

I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

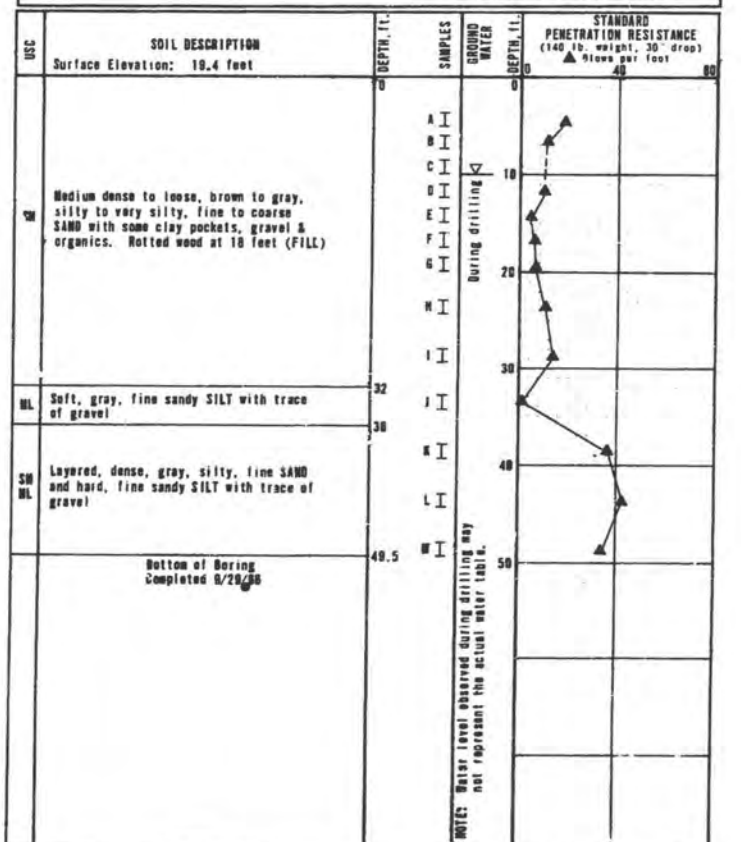
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 Piezometer tip  
 Sampler pushed

Atterberg limits:  
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 Natural water content  
 Plastic limit

USC Unified Soil Classification

Water content

CITY OF SEATTLE  
 DAY FREEMAN  
 LOG OF BORING NO. TH-2  
 FEB. 12, 1971 W-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



LEGEND

I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious soil  
 Water level  
 Piezometer tip  
 Sampler pushed

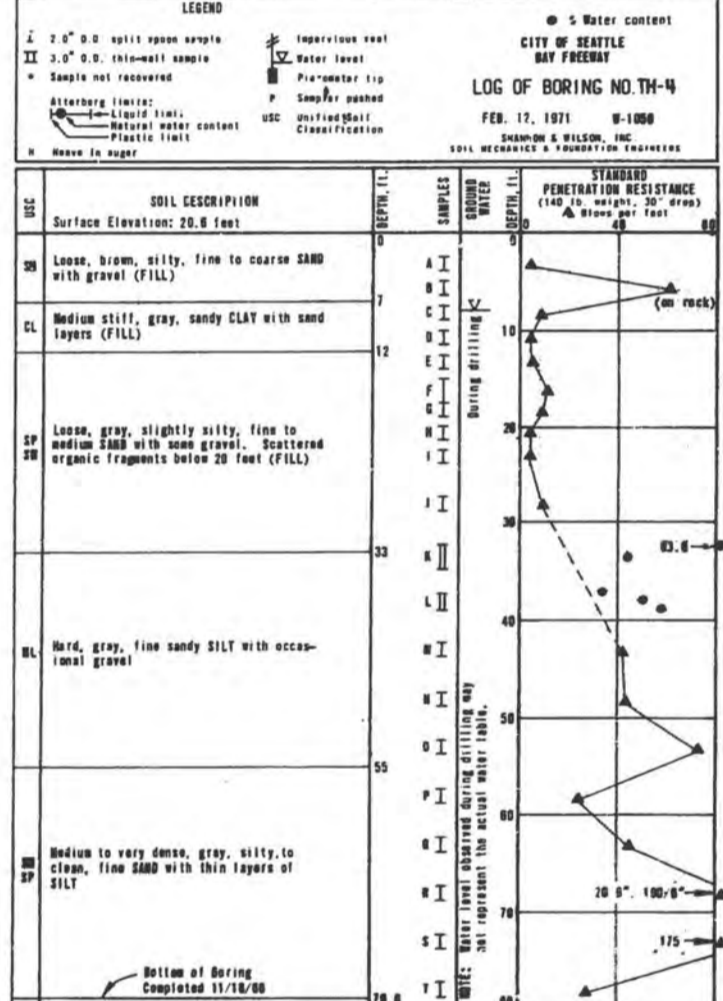
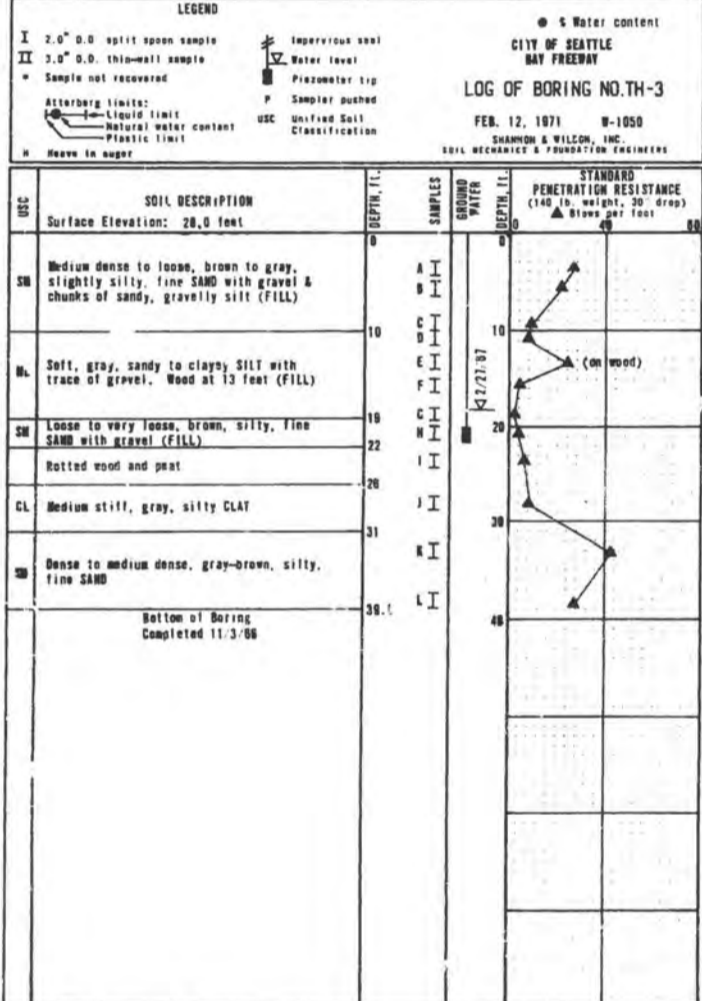
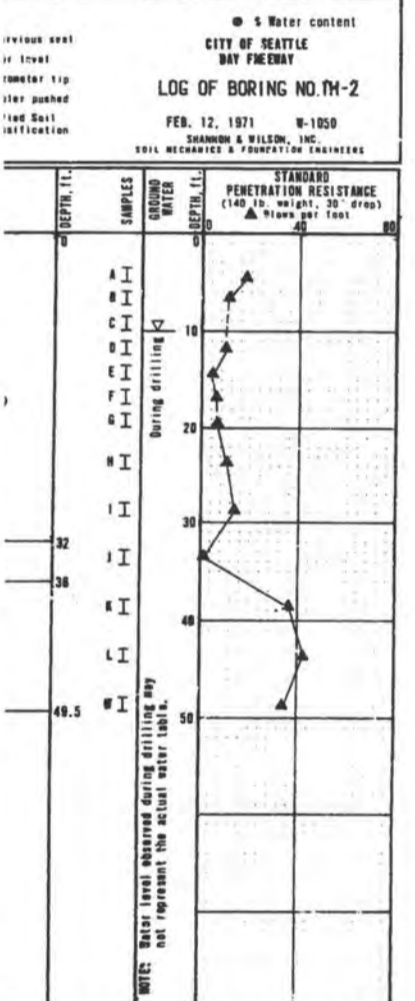
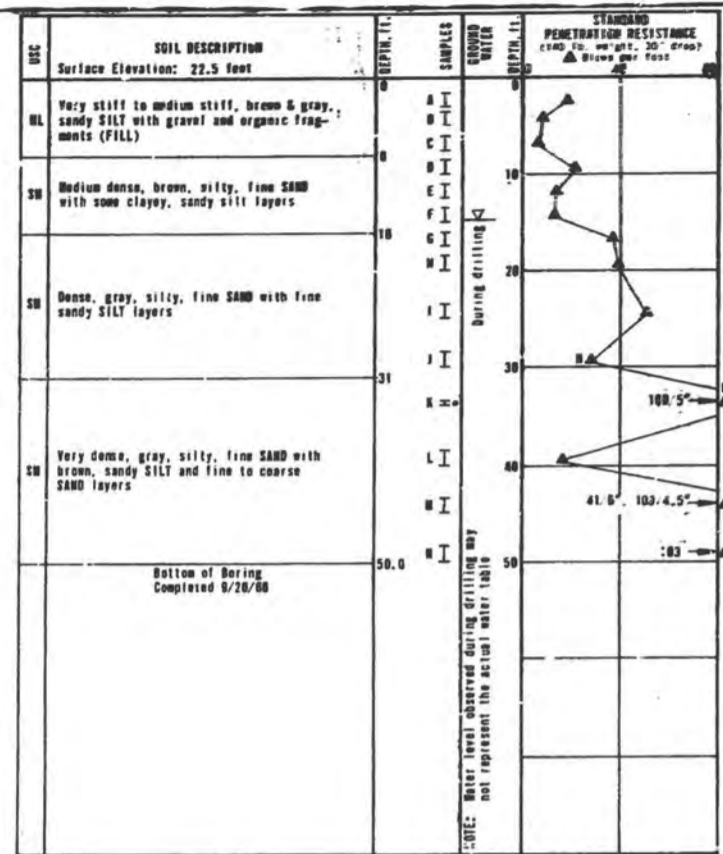
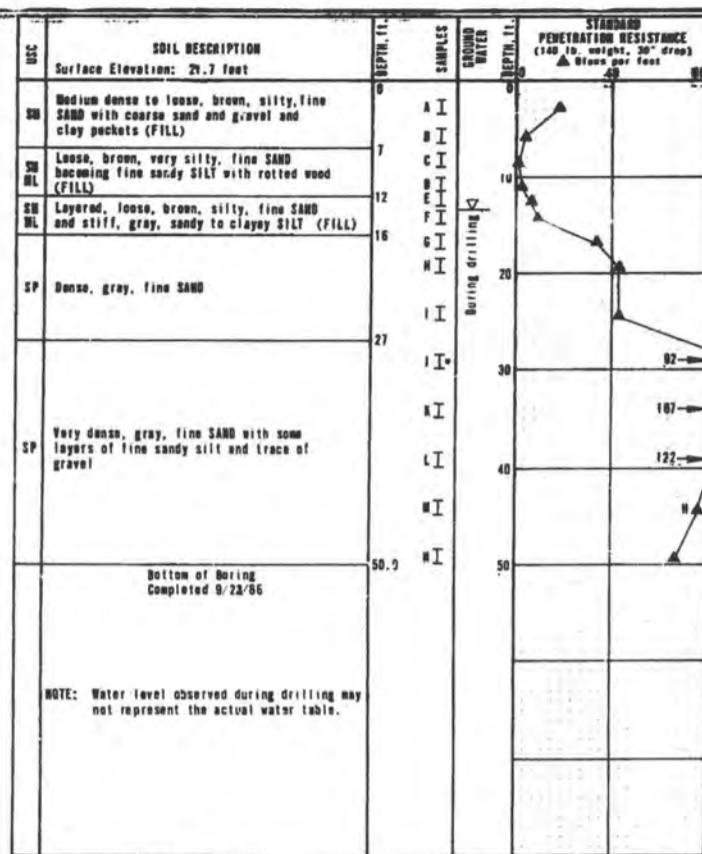
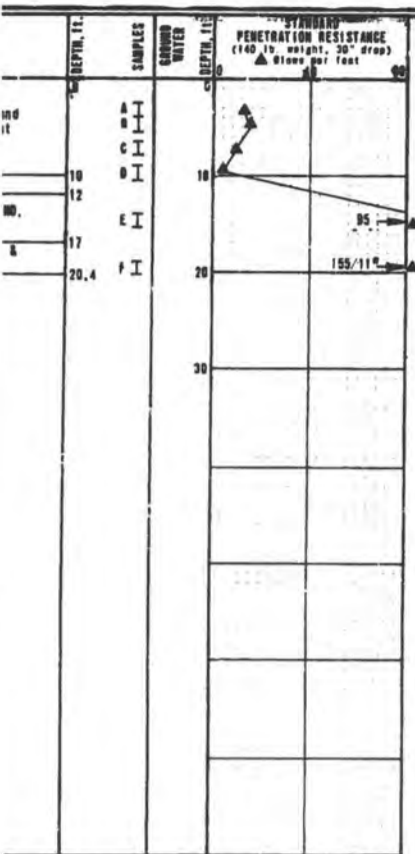
Atterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

USC Unified Soil Classification

Water content

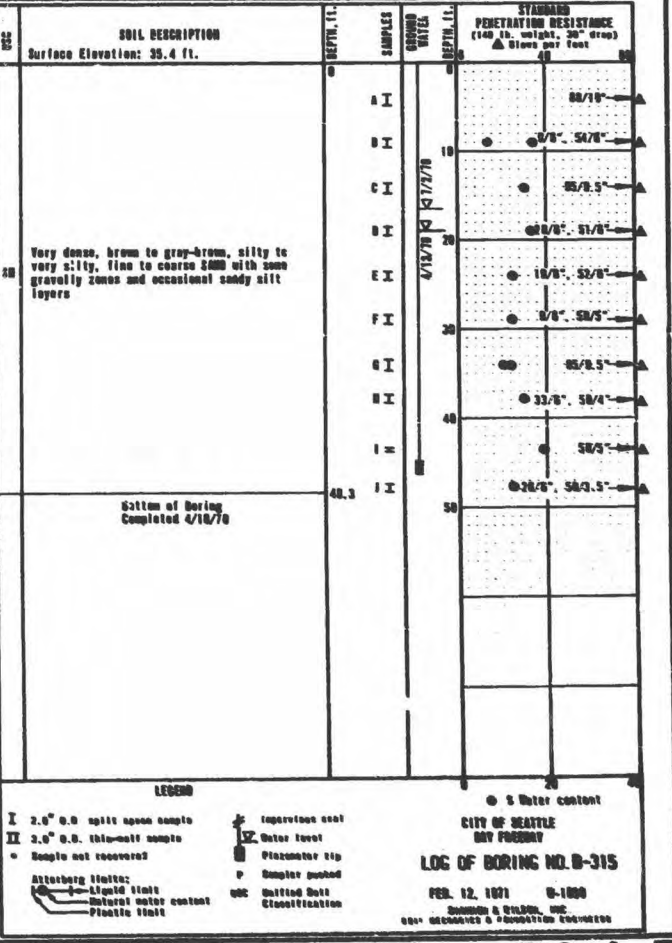
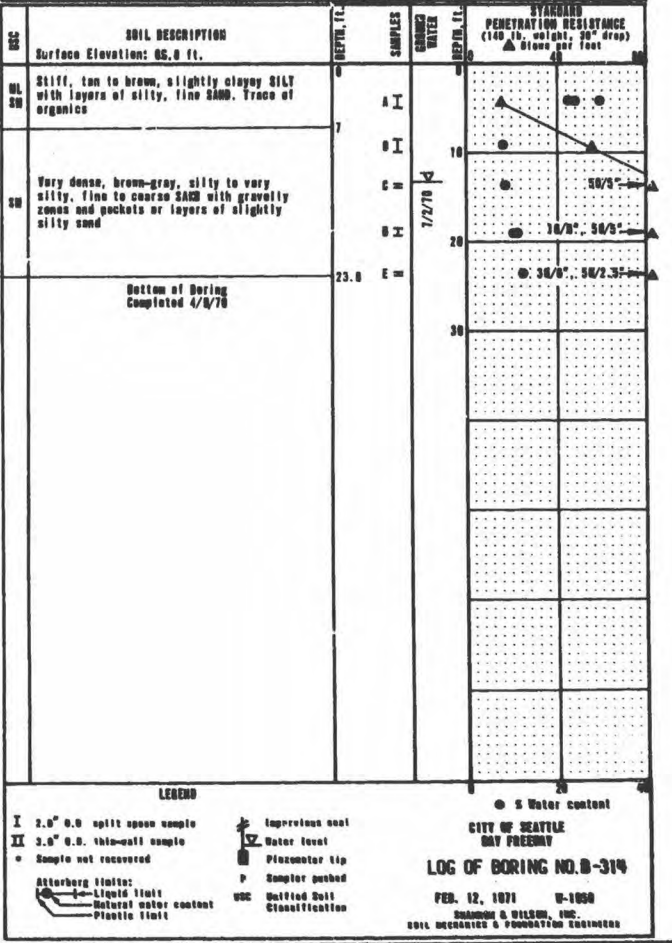
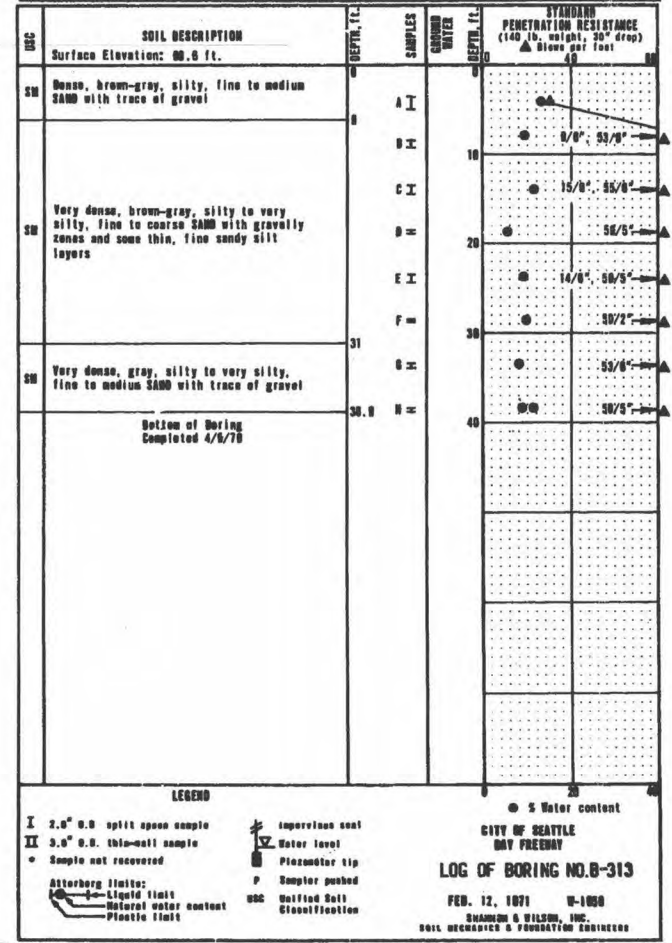
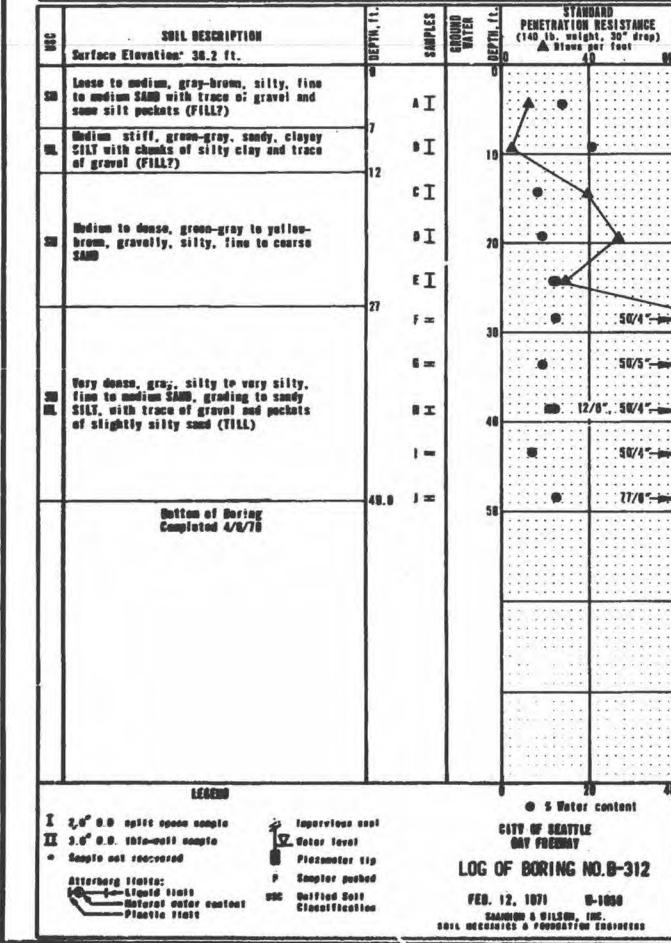
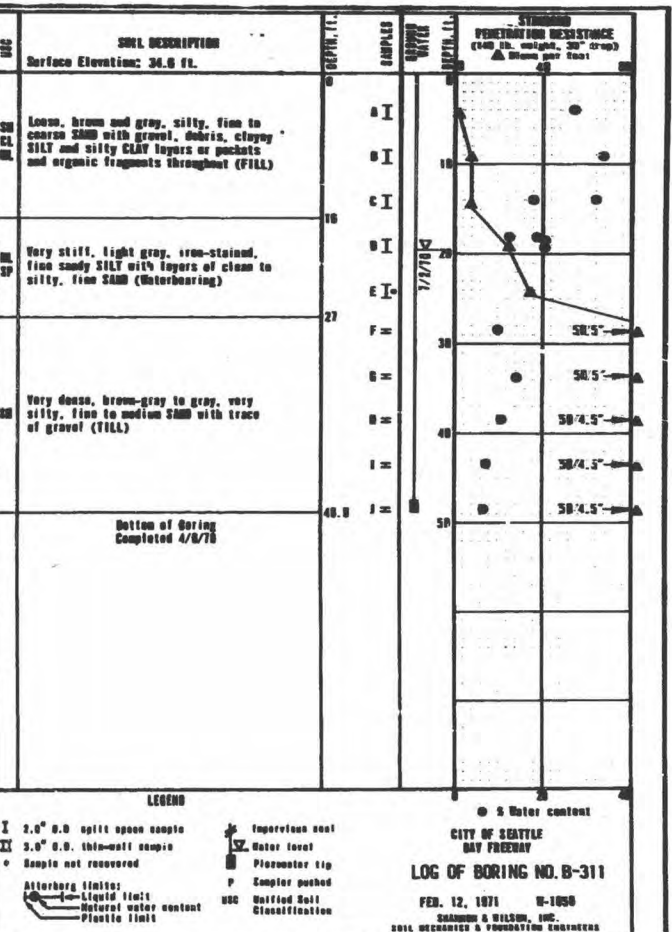
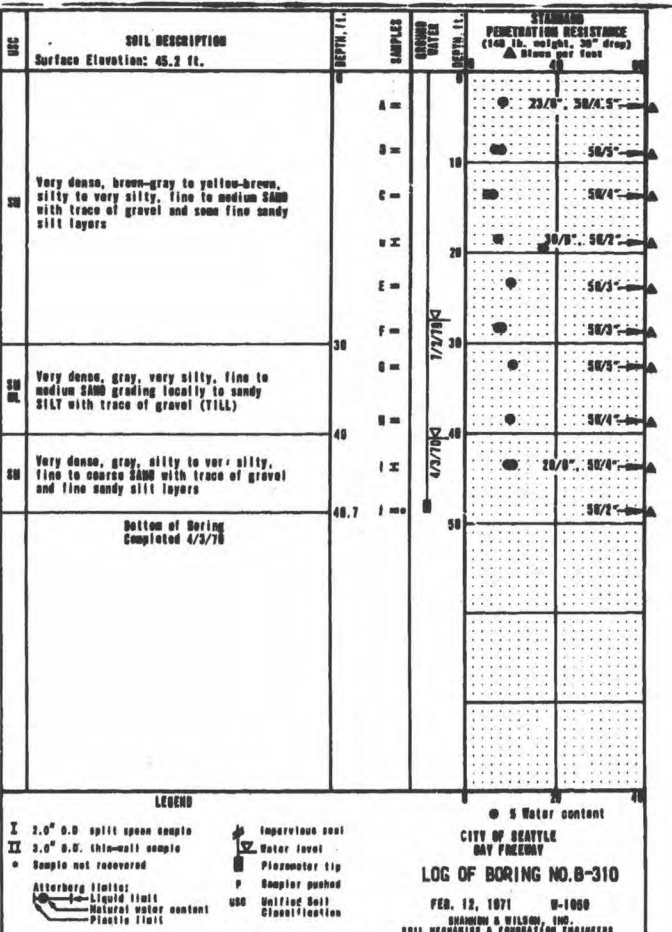
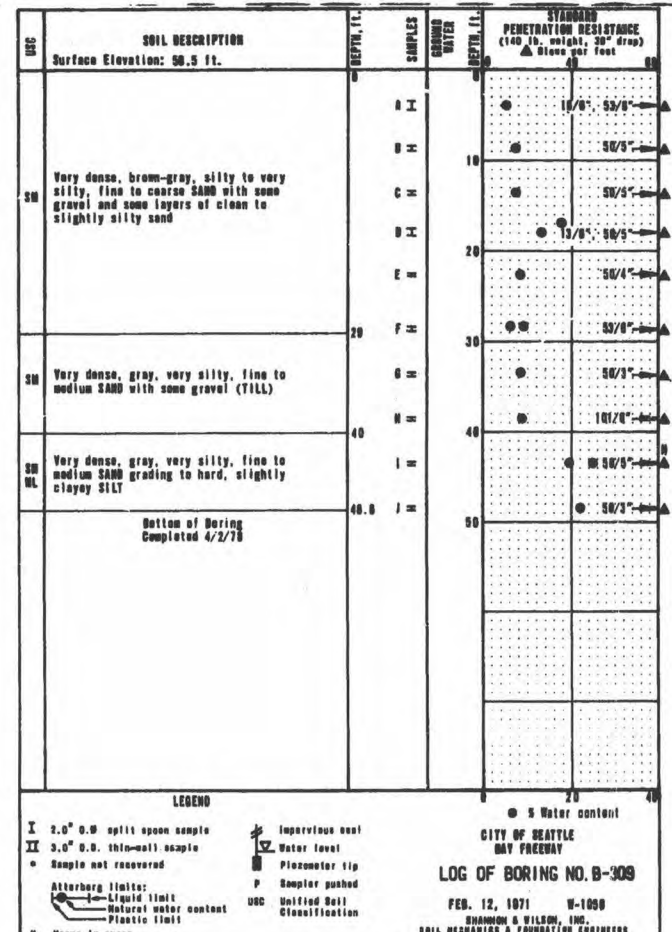
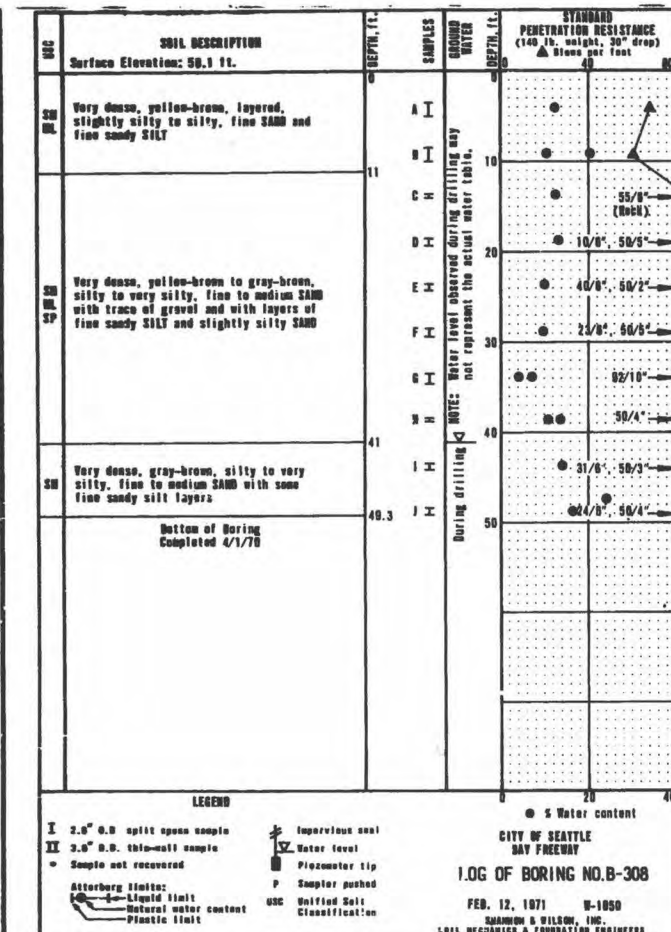
CITY OF SEATTLE  
 DAY FREEMAN  
 LOG OF BORING NO. TH-6  
 FEB. 12, 1971 W-1000  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS

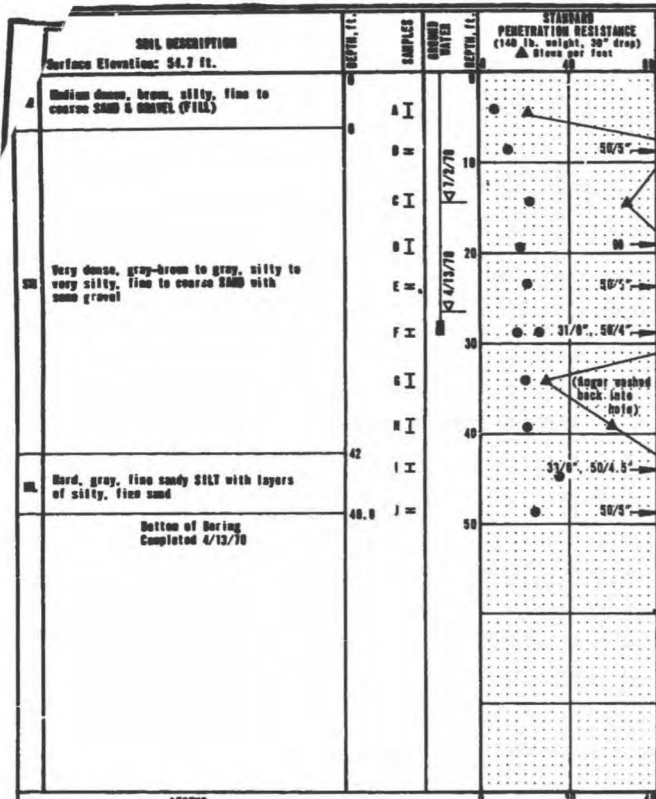
0761



07611 FIG. A-1

07611

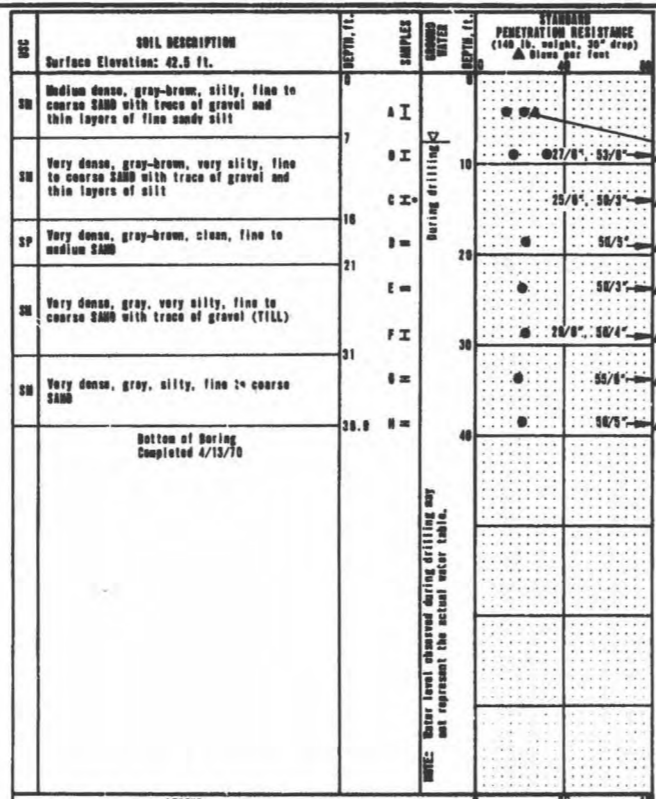




**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Sampler pushed
- Unified Soil Classification
- Standard Penetration Test
- Water content

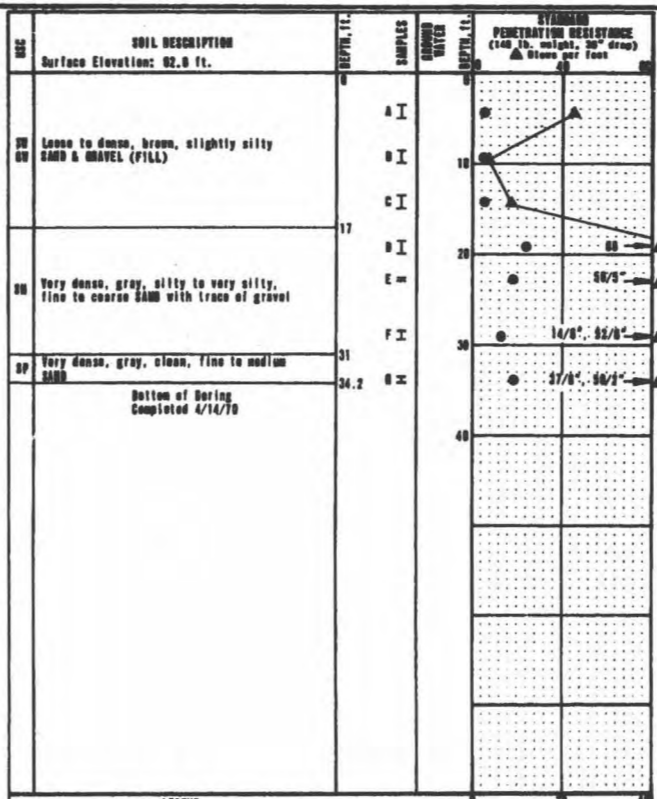
**CITY OF SEATTLE DAY FREIGHT**  
**LOG OF BORING NO. B-316**  
 FEB. 12, 1971 U-1000  
 SHANNON & WILSON, INC. SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Sampler pushed
- Unified Soil Classification
- Standard Penetration Test
- Water content

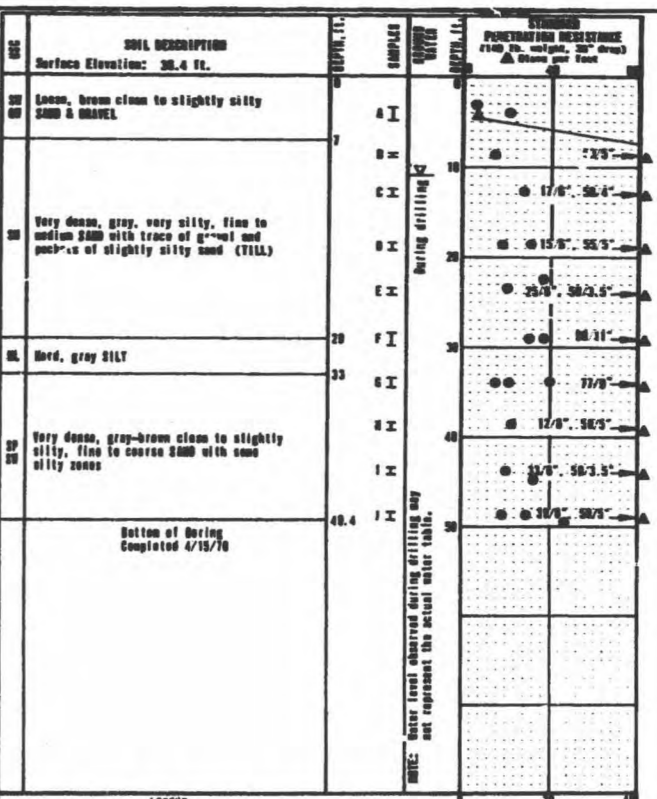
**CITY OF SEATTLE DAY FREIGHT**  
**LOG OF BORING NO. B-317**  
 FEB. 12, 1971 U-1000  
 SHANNON & WILSON, INC. SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Sampler pushed
- Unified Soil Classification
- Standard Penetration Test
- Water content

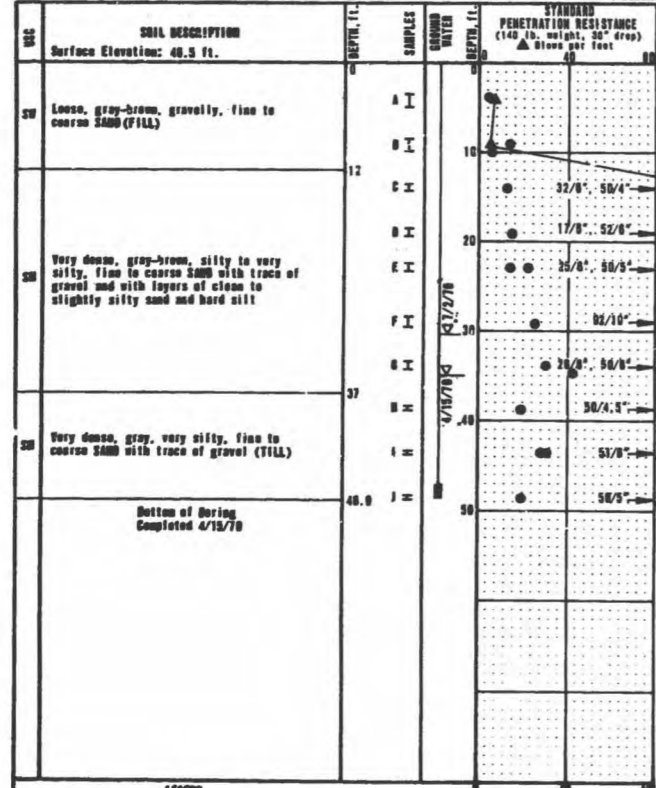
**CITY OF SEATTLE DAY FREIGHT**  
**LOG OF BORING NO. B-318**  
 FEB. 12, 1971 U-1000  
 SHANNON & WILSON, INC. SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Sampler pushed
- Unified Soil Classification
- Standard Penetration Test
- Water content

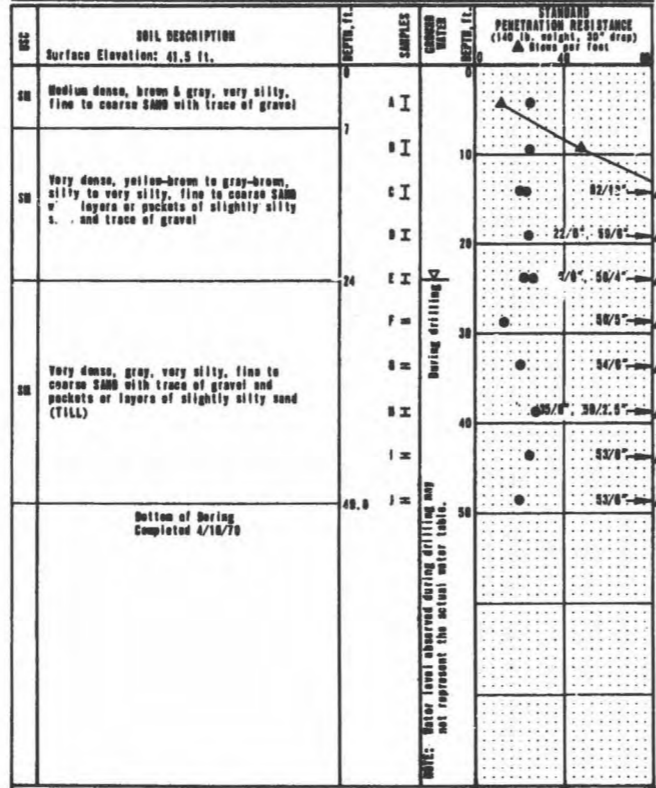
**CITY OF SEATTLE DAY FREIGHT**  
**LOG OF BORING NO. B-319**  
 FEB. 12, 1971 U-1000  
 SHANNON & WILSON, INC. SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Sampler pushed
- Unified Soil Classification
- Standard Penetration Test
- Water content

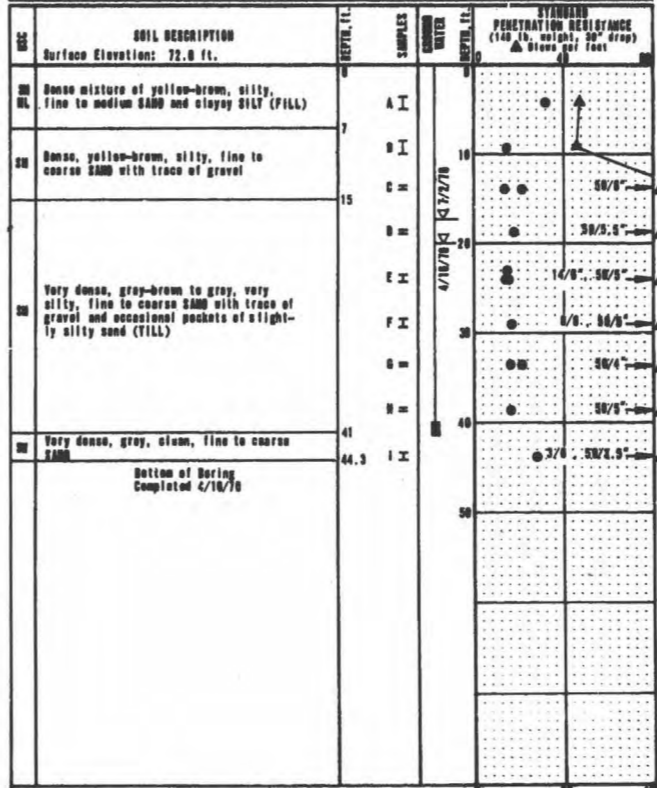
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**LOG OF BORING NO. B-320**  
 FEB. 12, 1971 U-1000  
 SHANNON & WILSON, INC. SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Sampler pushed
- Unified Soil Classification
- Standard Penetration Test
- Water content

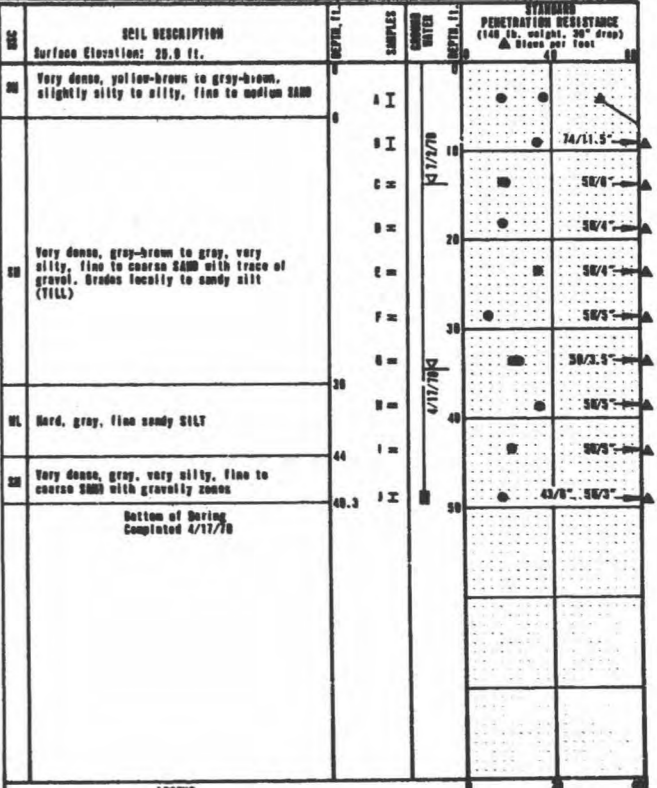
**CITY OF SEATTLE DAY FREIGHT**  
**LOG OF BORING NO. B-321**  
 FEB. 12, 1971 U-1000  
 SHANNON & WILSON, INC. SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Sampler pushed
- Unified Soil Classification
- Standard Penetration Test
- Water content

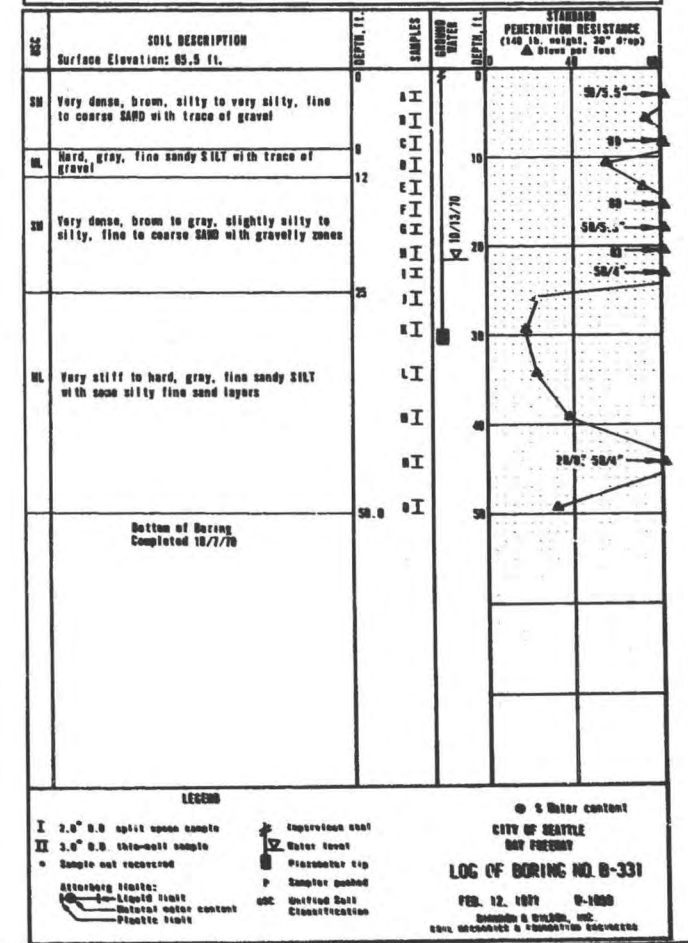
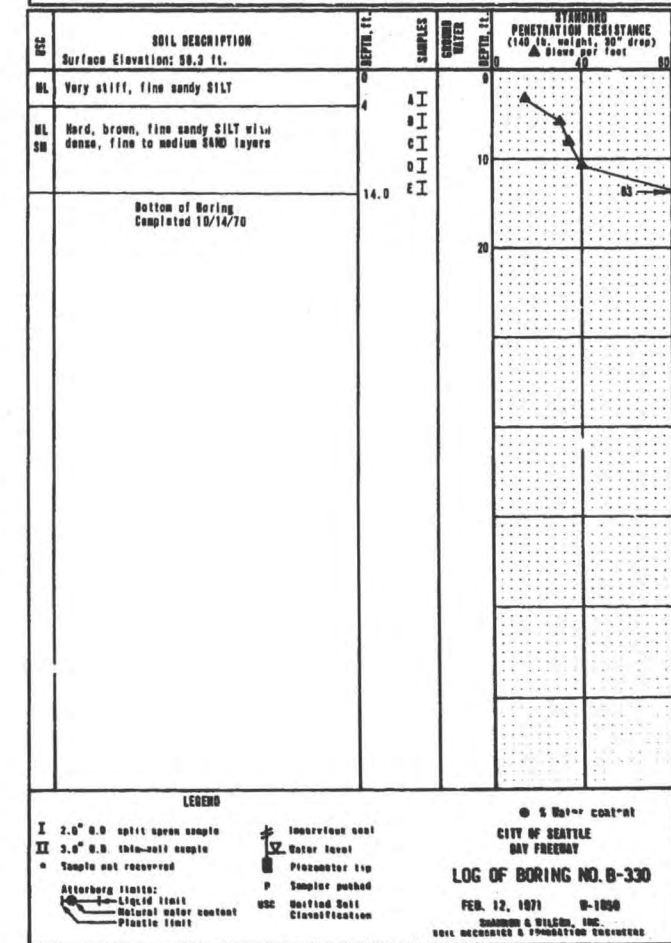
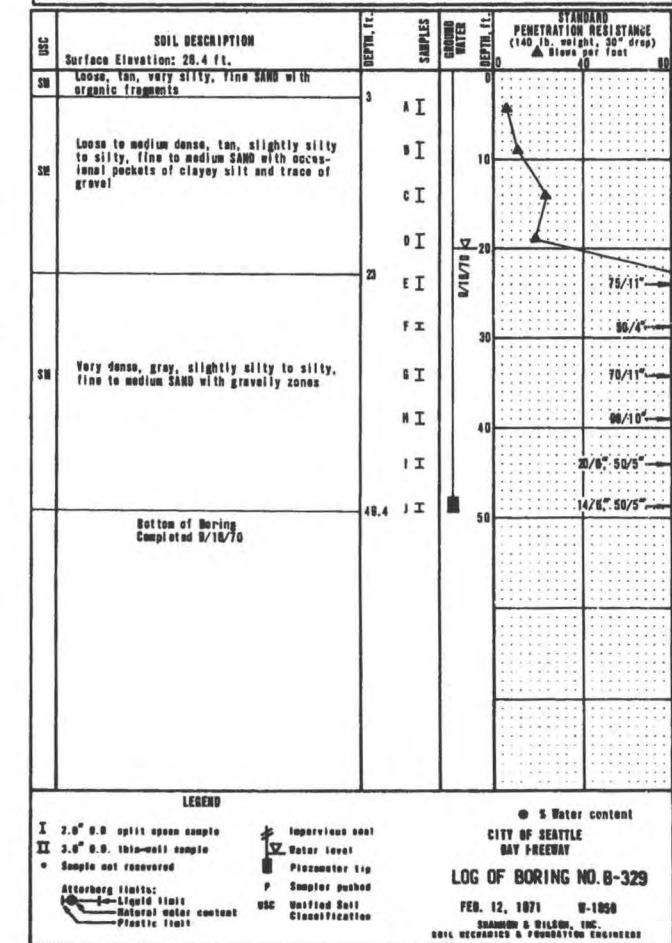
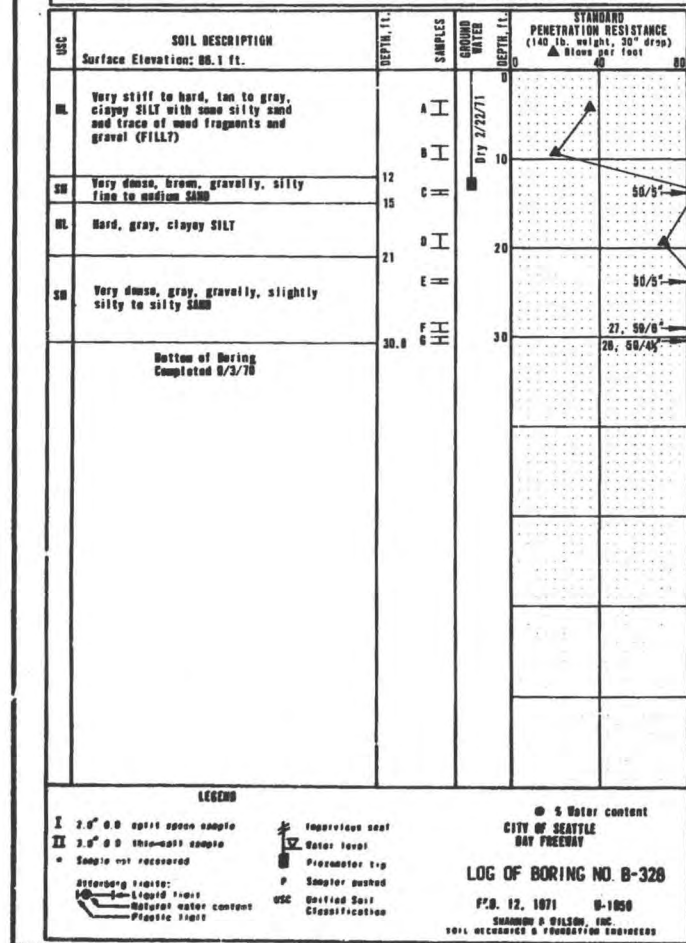
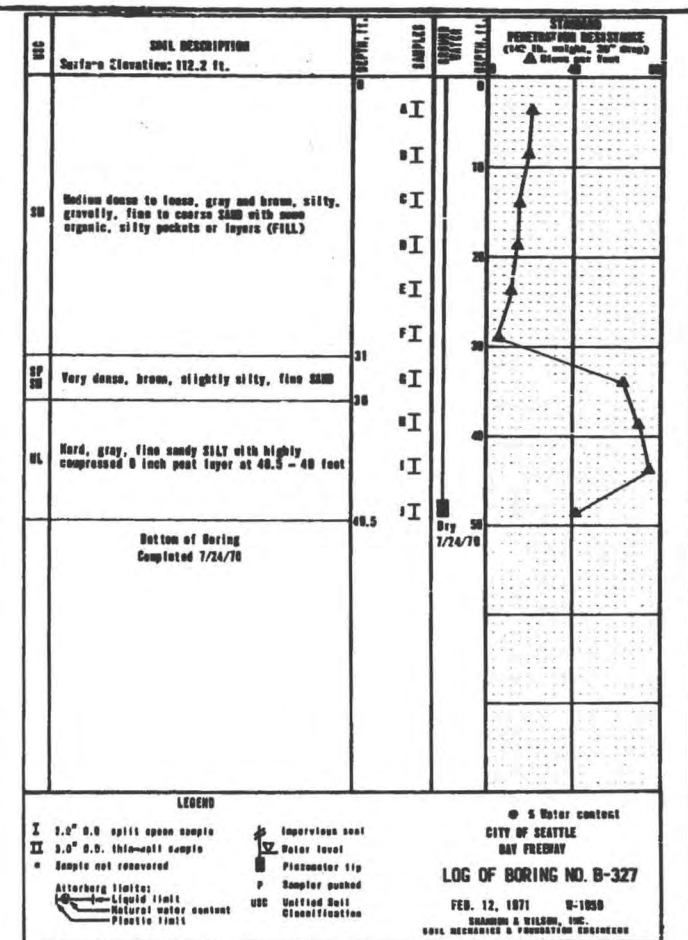
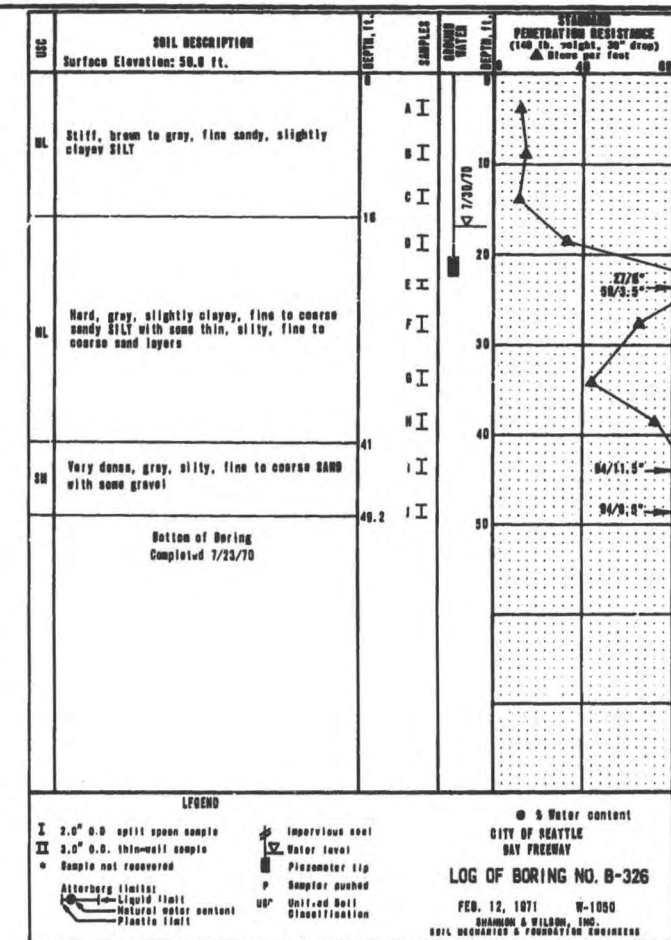
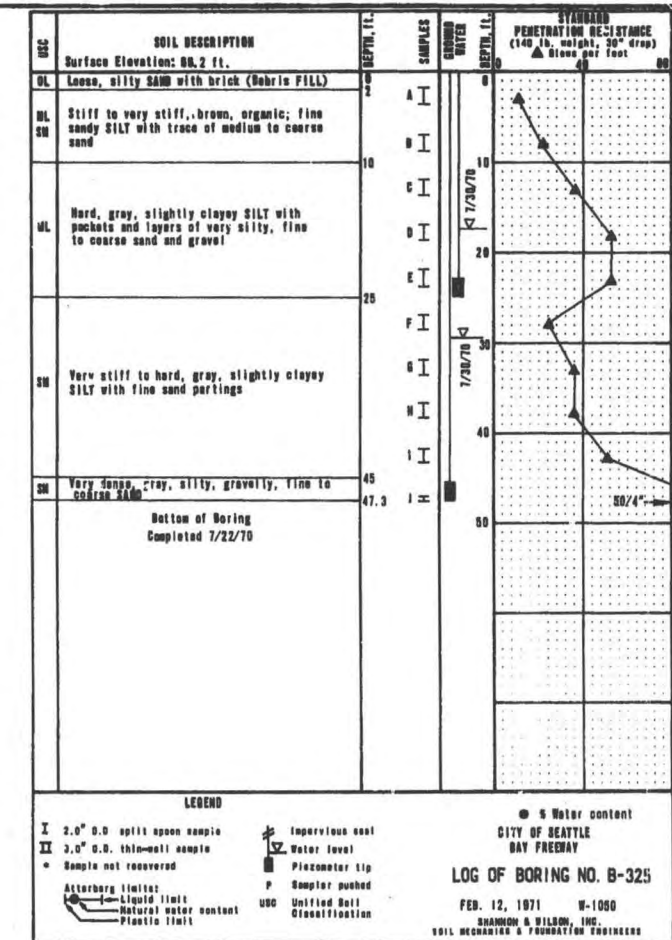
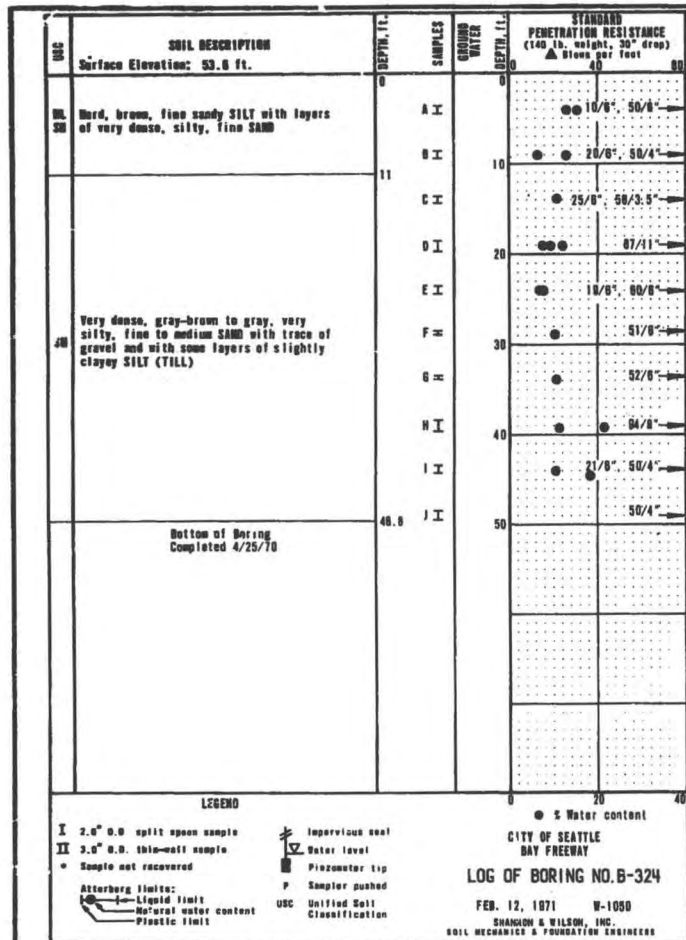
**CITY OF SEATTLE DAY FREIGHT**  
**LOG OF BORING NO. B-322**  
 FEB. 12, 1971 U-1000  
 SHANNON & WILSON, INC. SOIL MECHANICS & FOUNDATION ENGINEERS



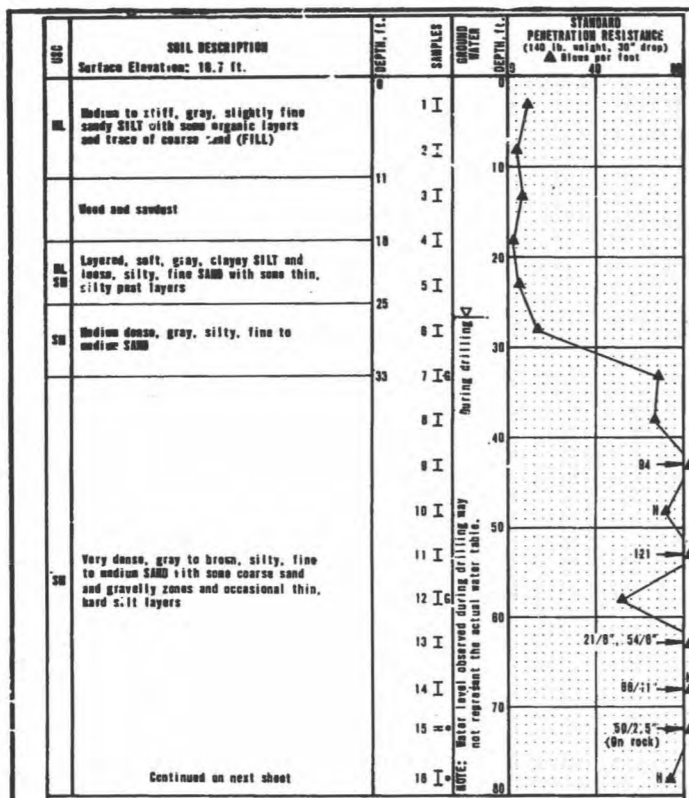
**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Sampler pushed
- Unified Soil Classification
- Standard Penetration Test
- Water content

**CITY OF SEATTLE DAY FREIGHT**  
**LOG OF BORING NO. B-323**  
 FEB. 12, 1971 U-1000  
 SHANNON & WILSON, INC. SOIL MECHANICS & FOUNDATION ENGINEERS



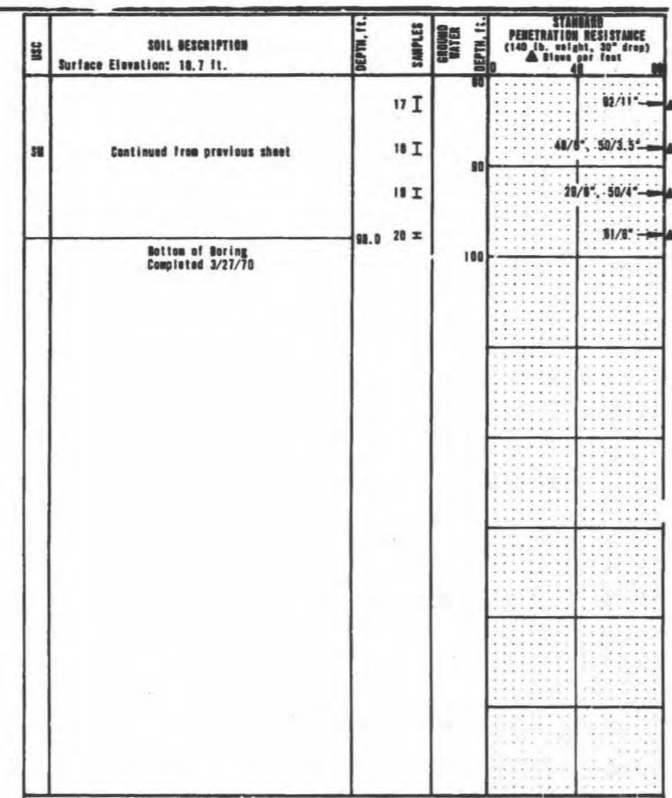




**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Shrinkage limit
- USC Unified Soil Classification
- See grain size classification sheet
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification

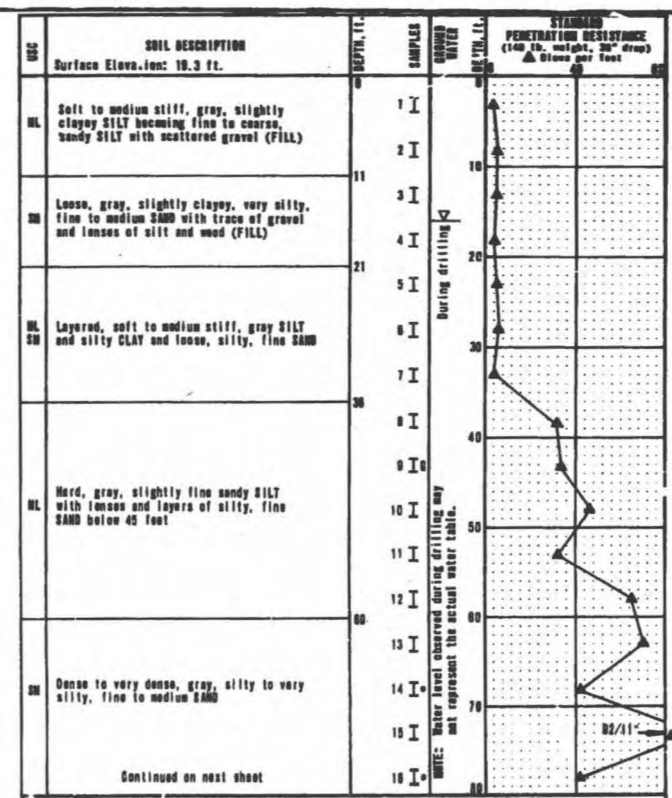
**CITY OF SEATTLE DAY FREEWAY**  
**LOG OF BORING NO. B-401**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Shrinkage limit
- USC Unified Soil Classification
- See grain size classification sheet
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification

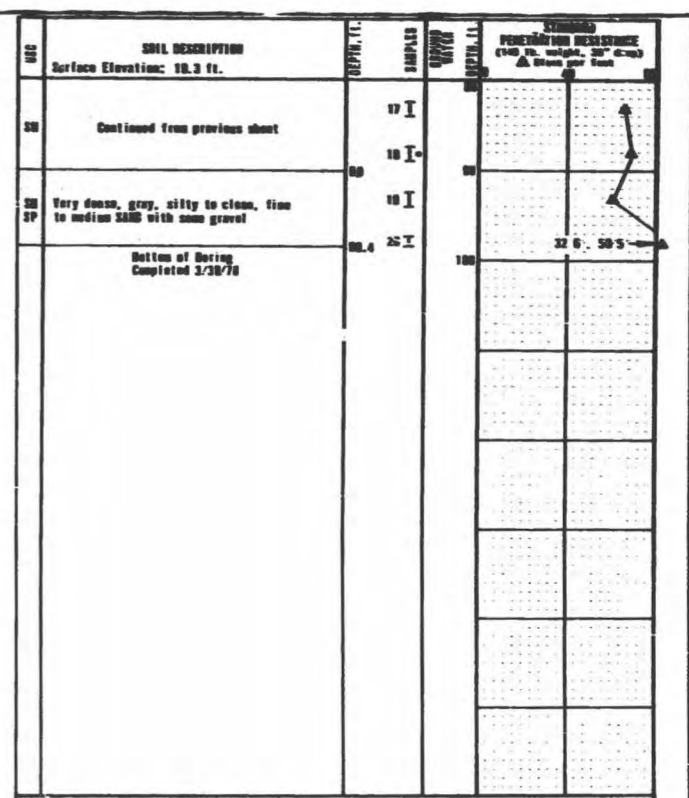
**CITY OF SEATTLE DAY FREEWAY**  
**LOG OF BORING NO. B-401**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Shrinkage limit
- USC Unified Soil Classification
- See grain size classification sheet
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification

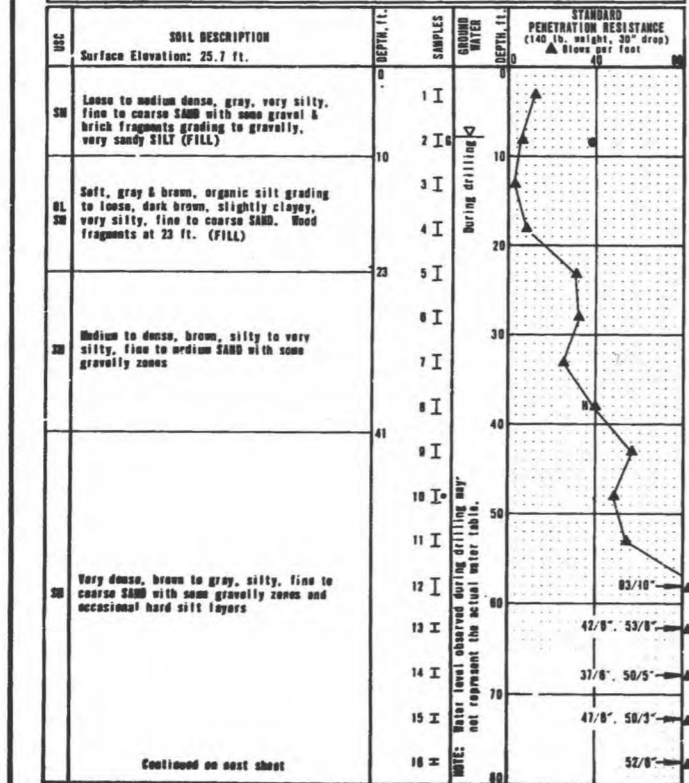
**CITY OF SEATTLE DAY FREEWAY**  
**LOG OF BORING NO. B-402**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Shrinkage limit
- USC Unified Soil Classification
- See grain size classification sheet
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification

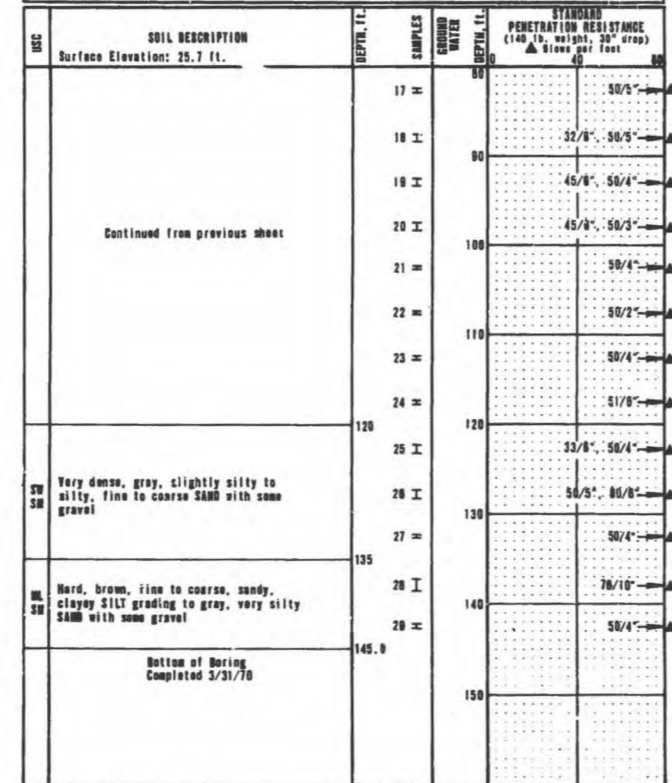
**CITY OF SEATTLE DAY FREEWAY**  
**LOG OF BORING NO. B-402**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Shrinkage limit
- USC Unified Soil Classification
- See grain size classification sheet
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification

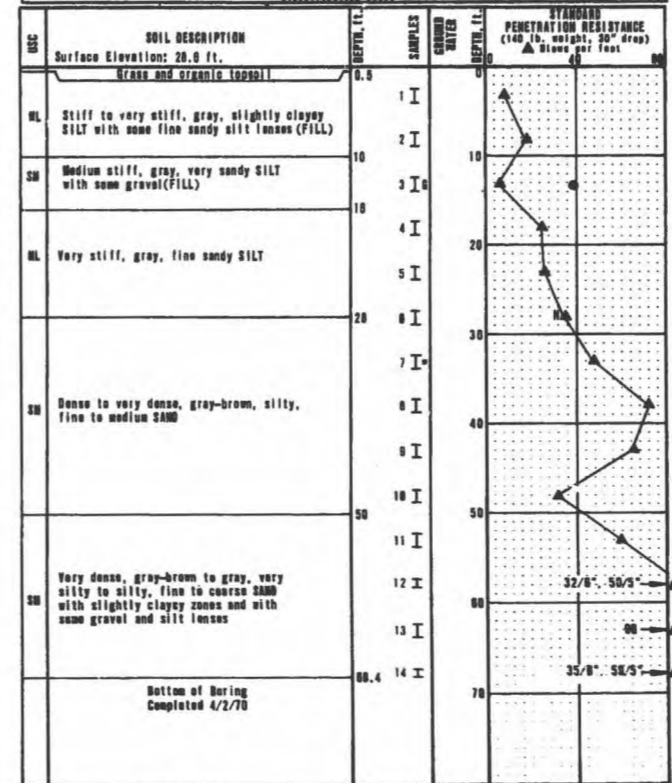
**CITY OF SEATTLE DAY FREEWAY**  
**LOG OF BORING NO. B-403**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Shrinkage limit
- USC Unified Soil Classification
- See grain size classification sheet
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification

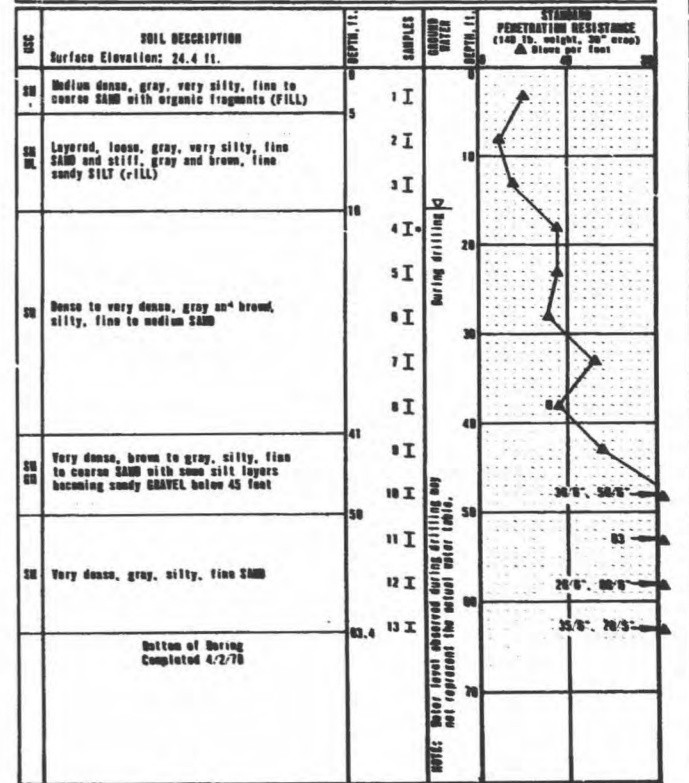
**CITY OF SEATTLE DAY FREEWAY**  
**LOG OF BORING NO. B-403**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Shrinkage limit
- USC Unified Soil Classification
- See grain size classification sheet
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification

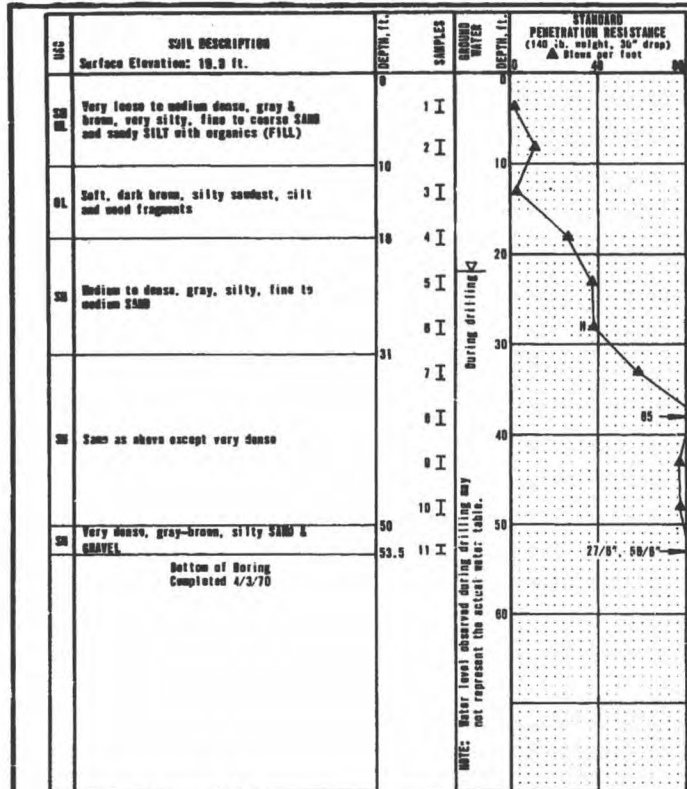
**CITY OF SEATTLE DAY FREEWAY**  
**LOG OF BORING NO. B-404**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Shrinkage limit
- USC Unified Soil Classification
- See grain size classification sheet
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification

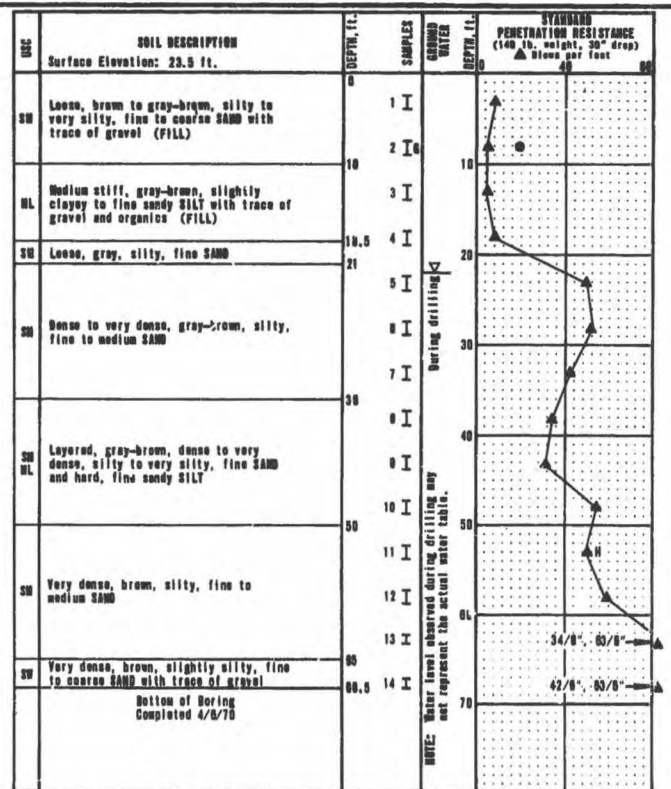
**CITY OF SEATTLE DAY FREEWAY**  
**LOG OF BORING NO. B-405**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification
- See grade also
- Standardization sheets

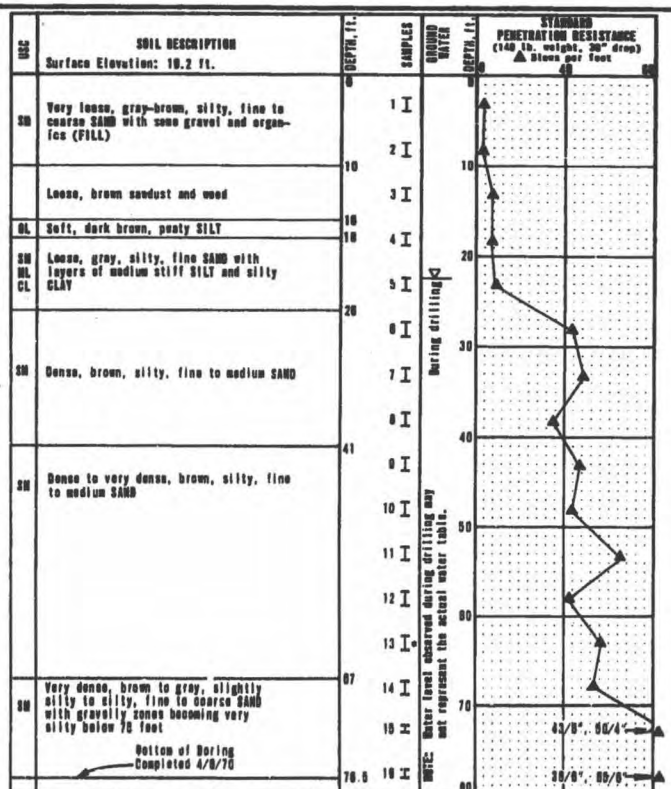
**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-406**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification
- See grade also
- Standardization sheets

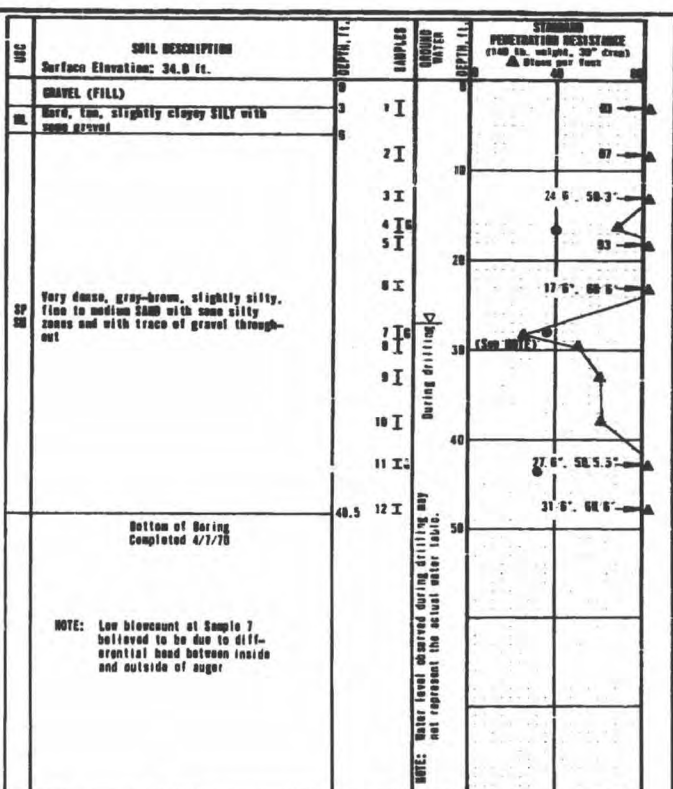
**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-407**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification
- See grade also
- Standardization sheets

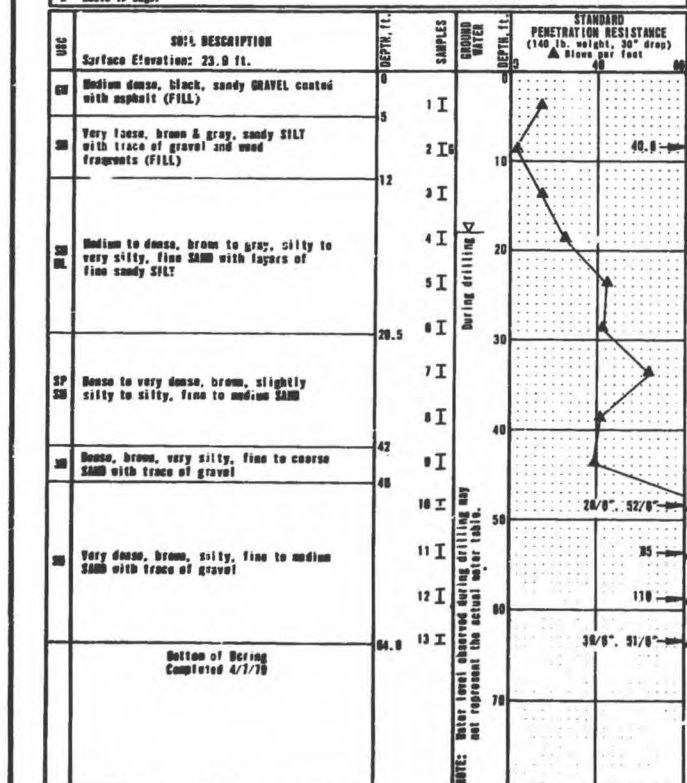
**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-408**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification
- See grade also
- Standardization sheets

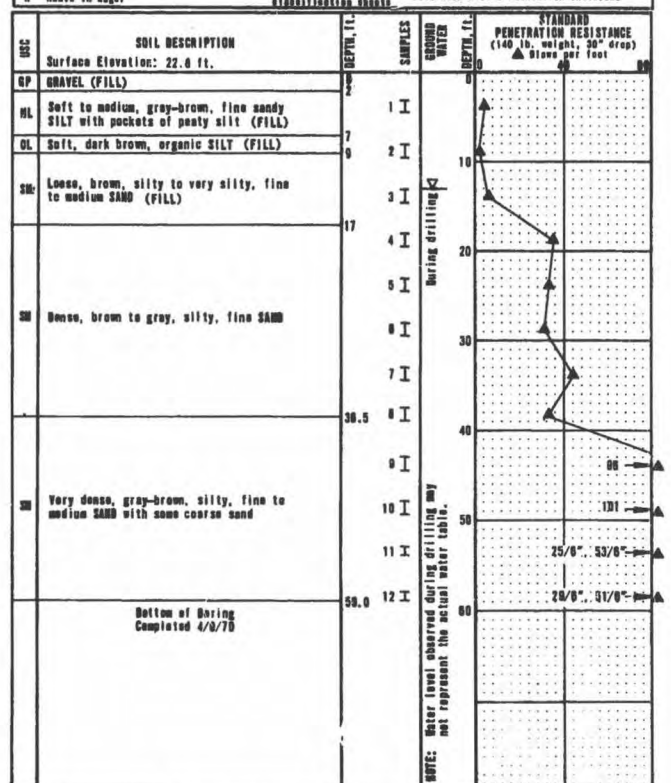
**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-409**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification
- See grade also
- Standardization sheets

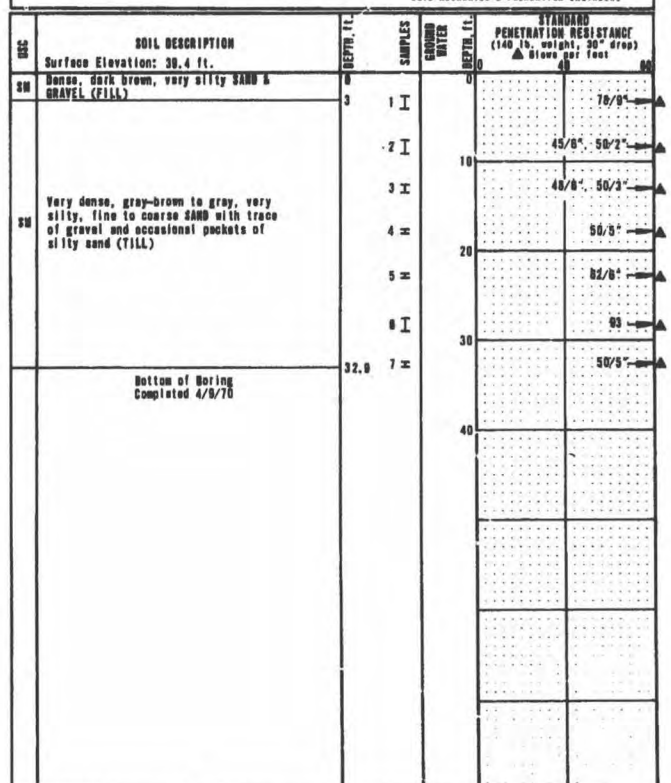
**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-410**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification
- See grade also
- Standardization sheets

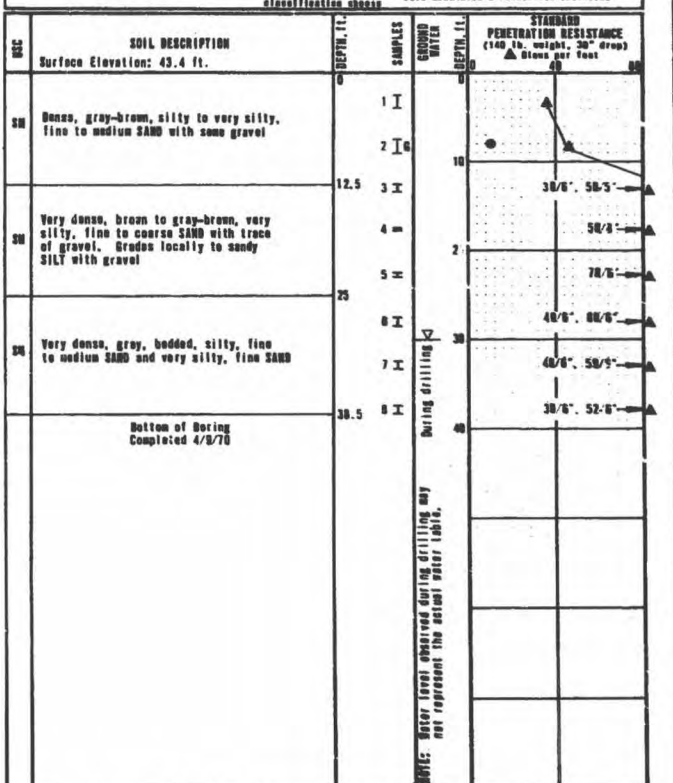
**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-411**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification
- See grade also
- Standardization sheets

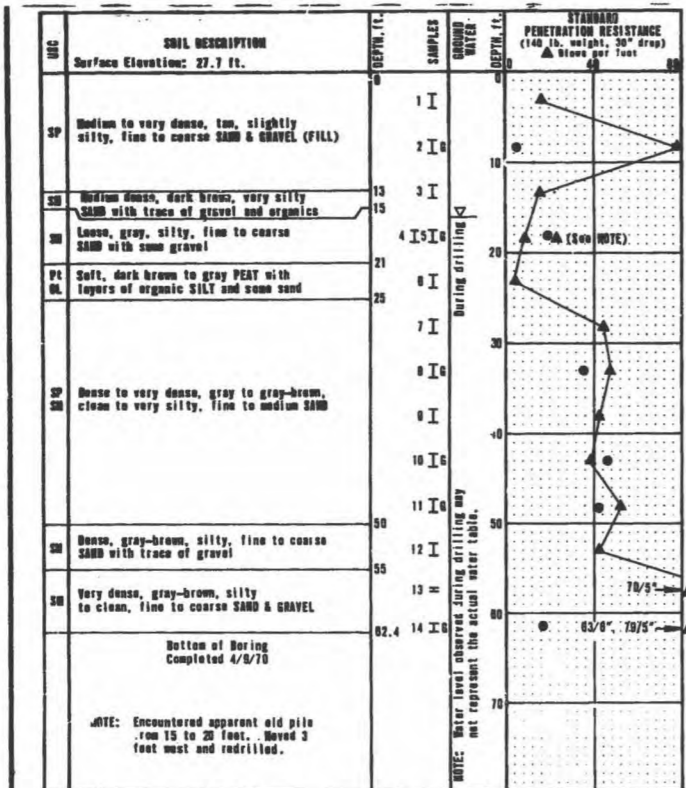
**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-412**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



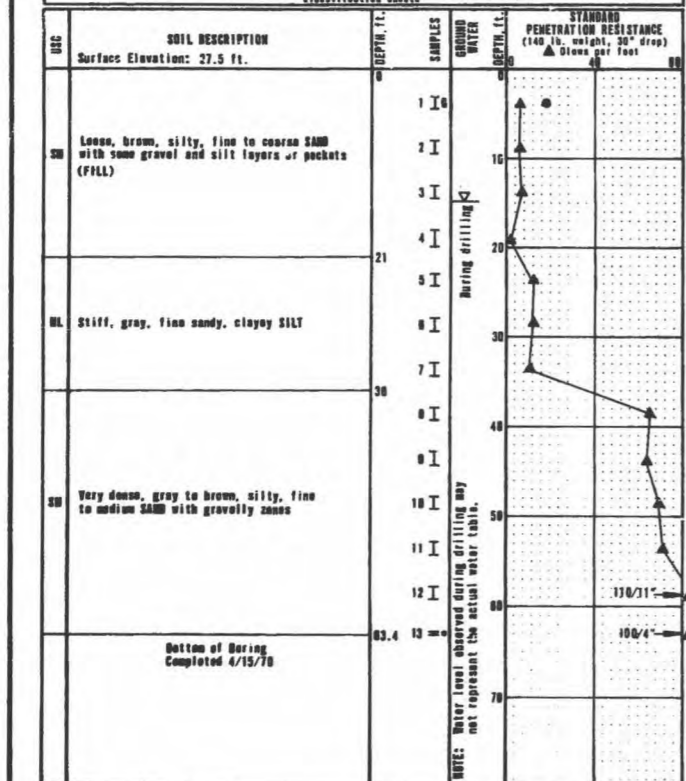
**LEGEND**

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- Sample not recovered
- Atterberg limits: Liquid limit, Plastic limit, Natural water content
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- USC Unified Soil Classification
- See grade also
- Standardization sheets

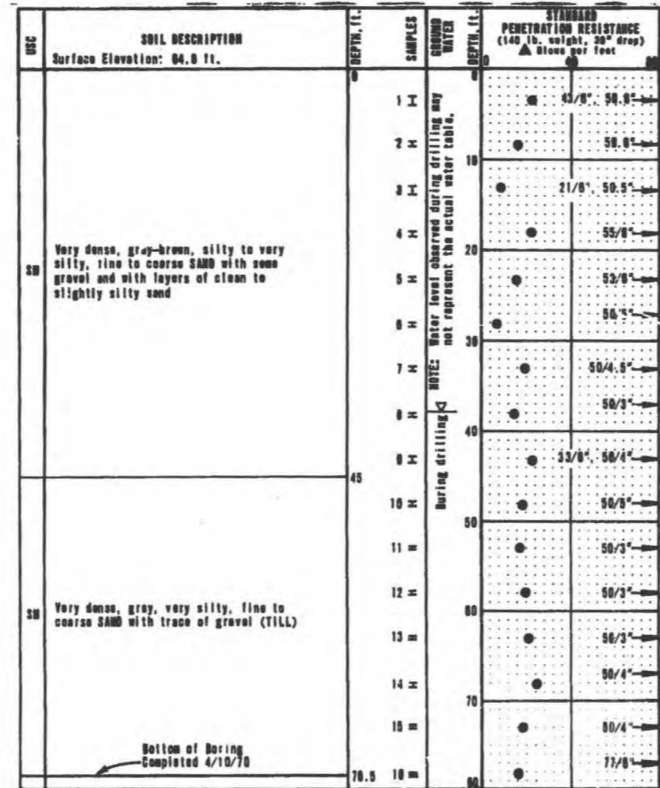
**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-413**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



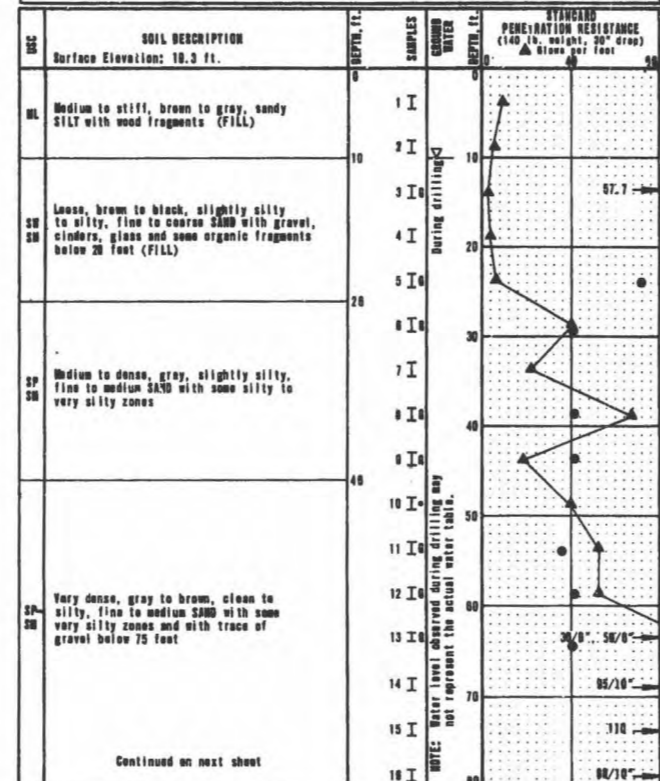
**LOG OF BORING NO. B-414**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS  
 CITY OF SEATTLE DAY FREEMAN



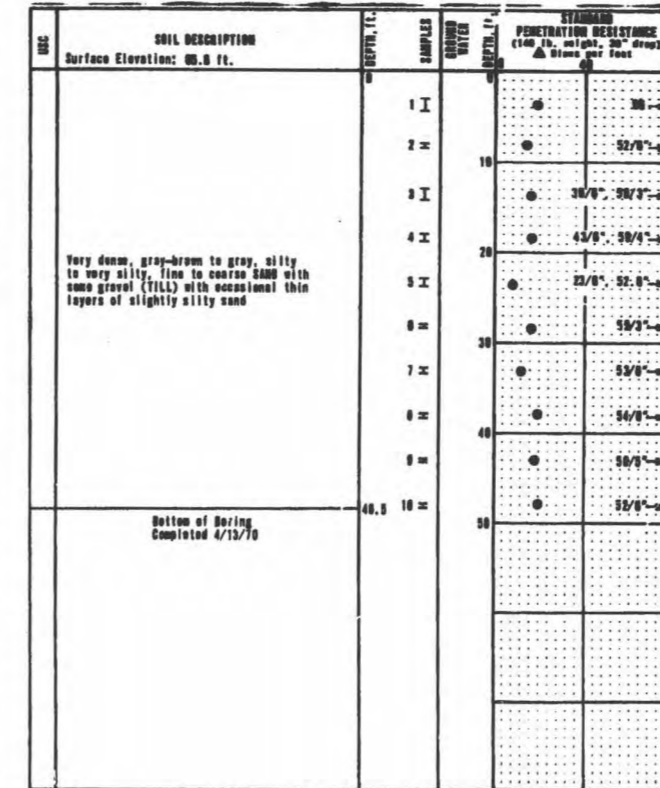
**LOG OF BORING NO. B-418**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS  
 CITY OF SEATTLE DAY FREEMAN



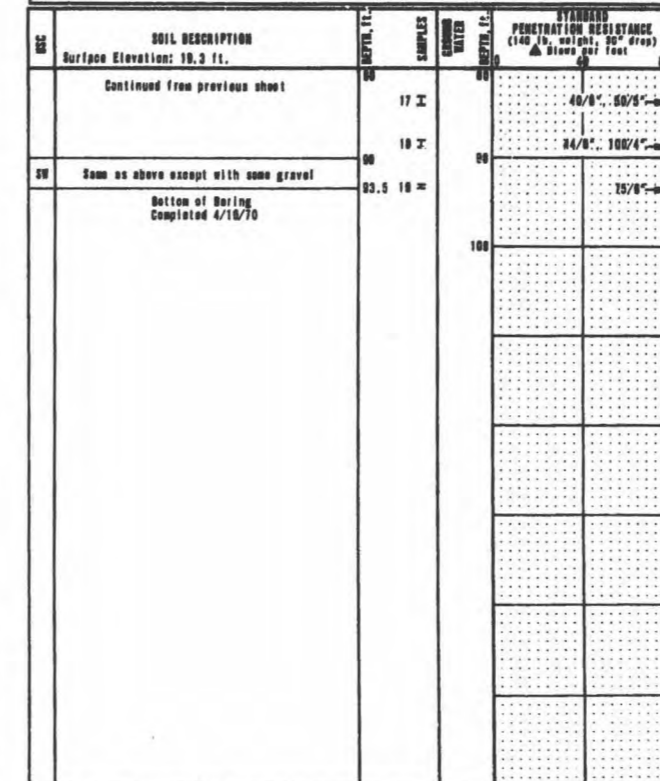
**LOG OF BORING NO. B-415**  
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 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS  
 CITY OF SEATTLE DAY FREEMAN



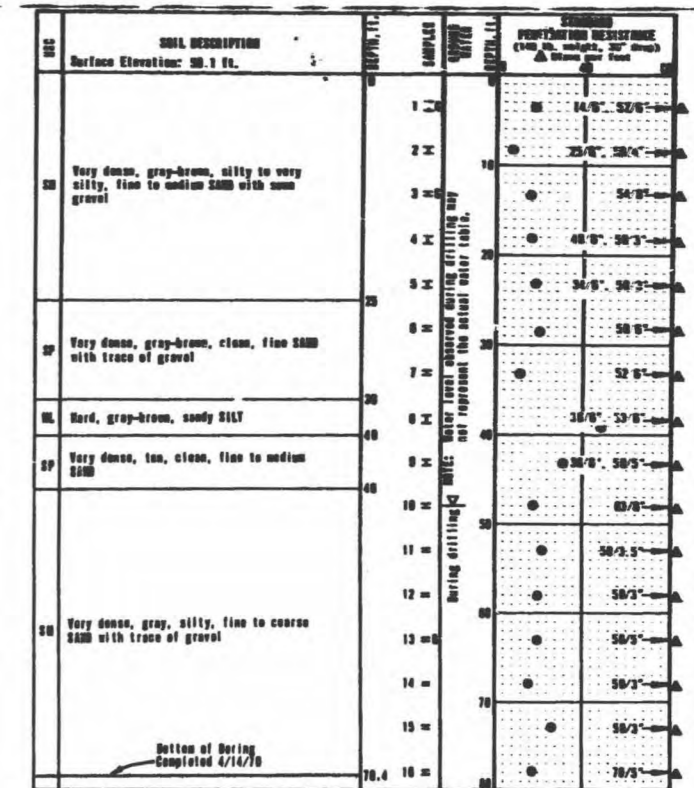
**LOG OF BORING NO. B-419**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS  
 CITY OF SEATTLE DAY FREEMAN



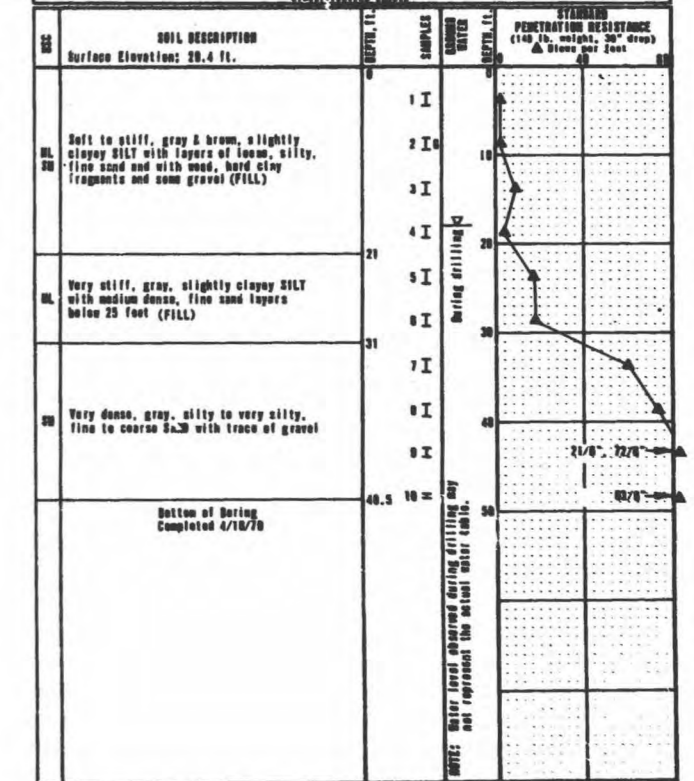
**LOG OF BORING NO. B-416**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS  
 CITY OF SEATTLE DAY FREEMAN



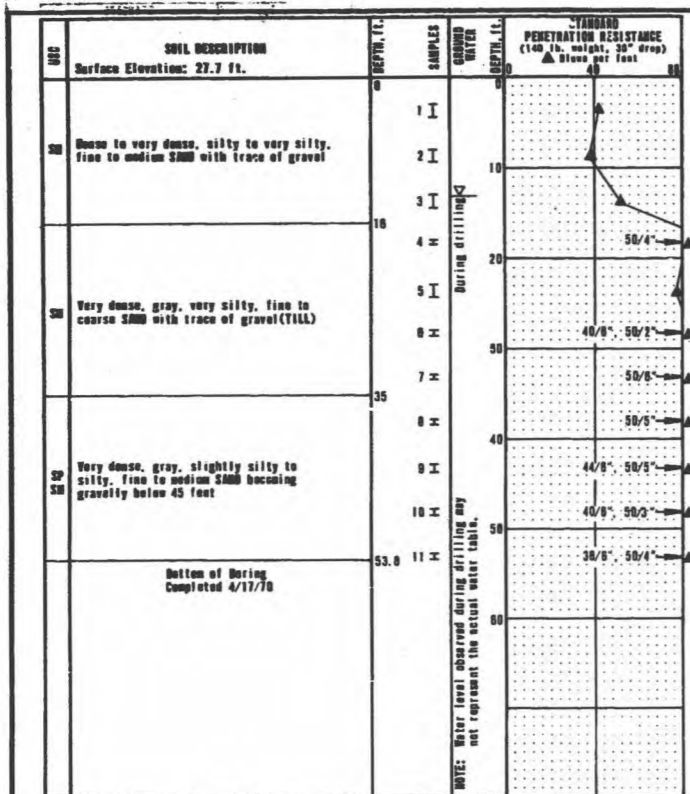
**LOG OF BORING NO. B-420**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS  
 CITY OF SEATTLE DAY FREEMAN



**LOG OF BORING NO. B-417**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS  
 CITY OF SEATTLE DAY FREEMAN



**LOG OF BORING NO. B-422**  
 FEB. 12, 1971 U-1050  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS  
 CITY OF SEATTLE DAY FREEMAN



**LEGEND**

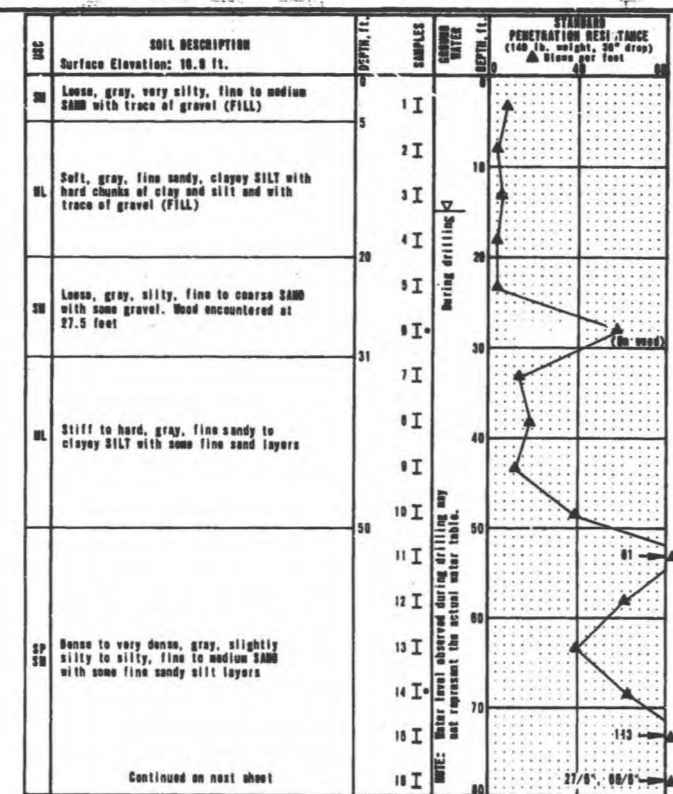
I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed

Atterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

USC Unified Soil Classification  
 W-1050

**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-421**  
 FEB. 12, 1971  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

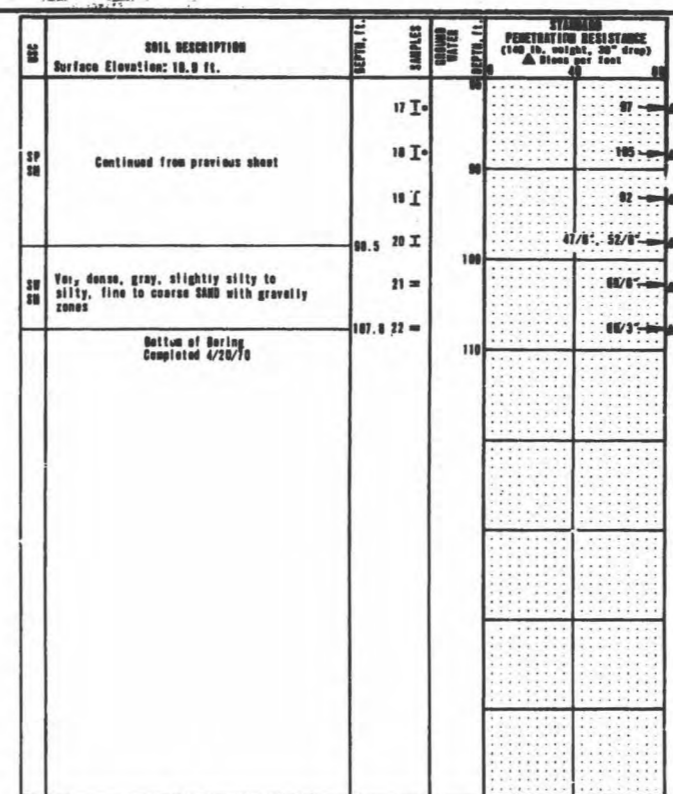
I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed

Atterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

USC Unified Soil Classification  
 W-1050

**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-422**  
 FEB. 12, 1971  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

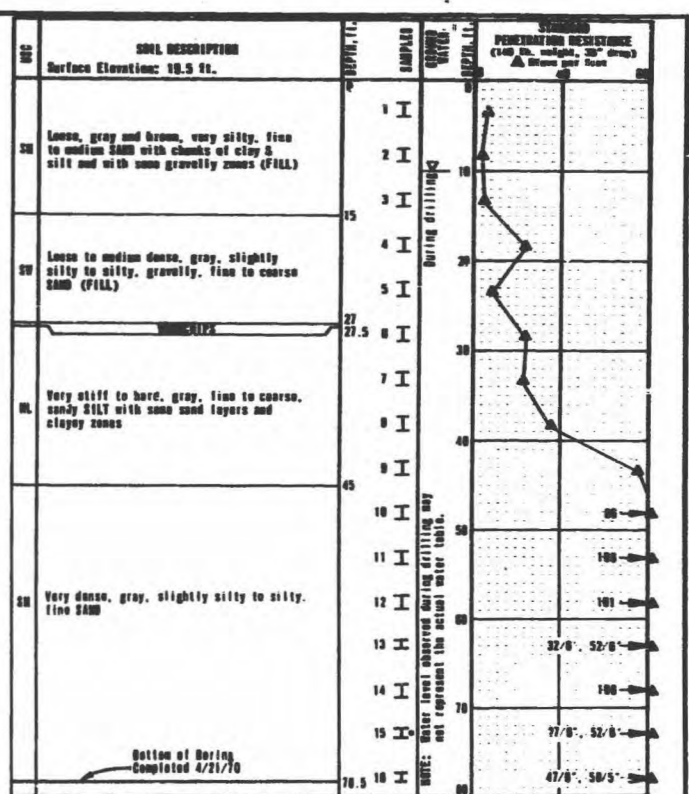
I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed

Atterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

USC Unified Soil Classification  
 W-1050

**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-422**  
 FEB. 12, 1971  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

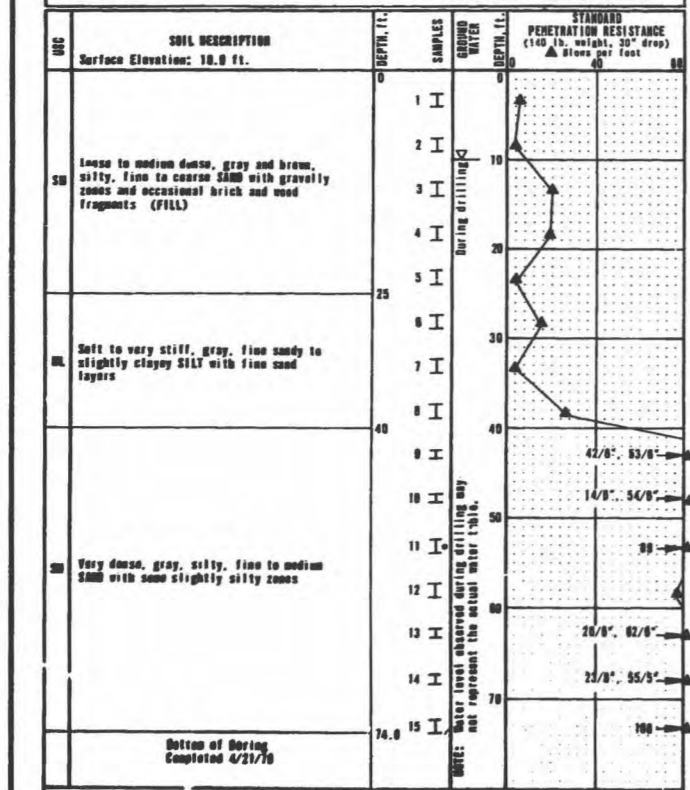
I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed

Atterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

USC Unified Soil Classification  
 W-1050

**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-423**  
 FEB. 12, 1971  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

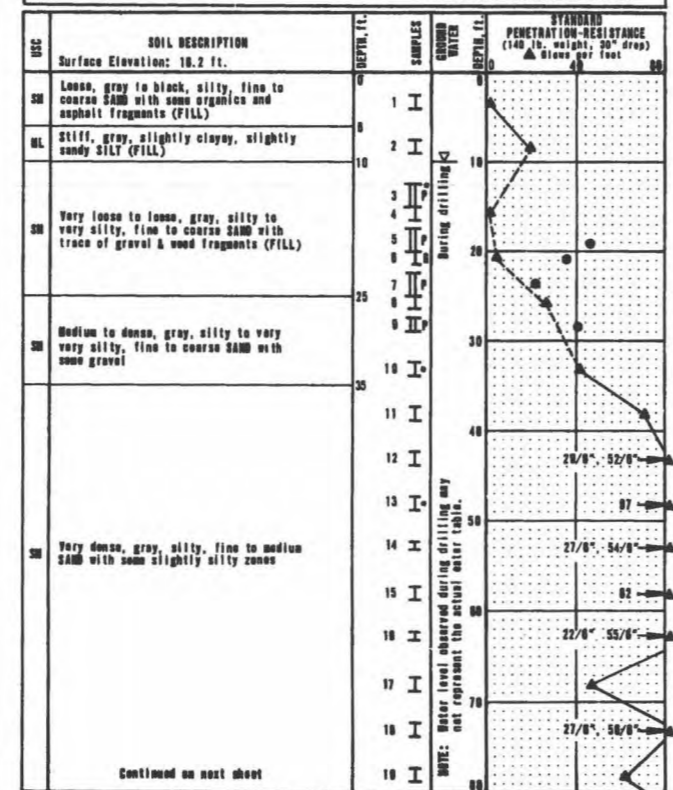
I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed

Atterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

USC Unified Soil Classification  
 W-1050

**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-424**  
 FEB. 12, 1971  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

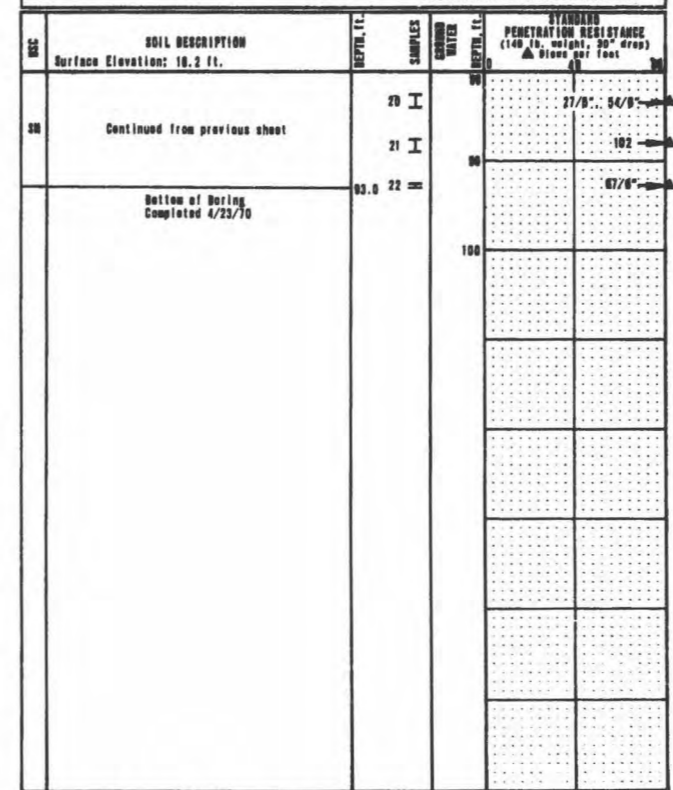
I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed

Atterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

USC Unified Soil Classification  
 W-1050

**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-425**  
 FEB. 12, 1971  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

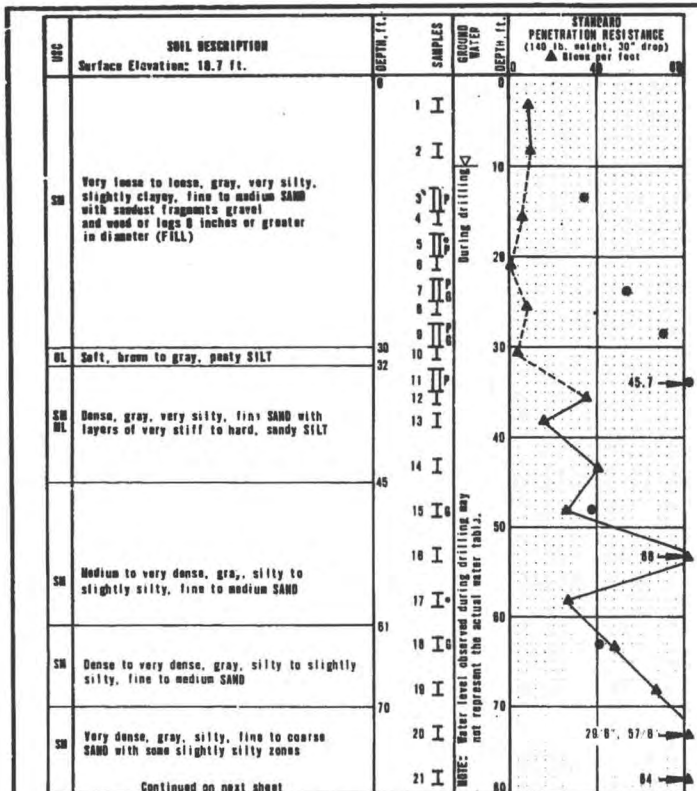
I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed

Atterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

USC Unified Soil Classification  
 W-1050

**CITY OF SEATTLE DAY FREEMAN**  
**LOG OF BORING NO. B-425**  
 FEB. 12, 1971  
 SHANNON & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed  
 Sampler pushed

Afterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

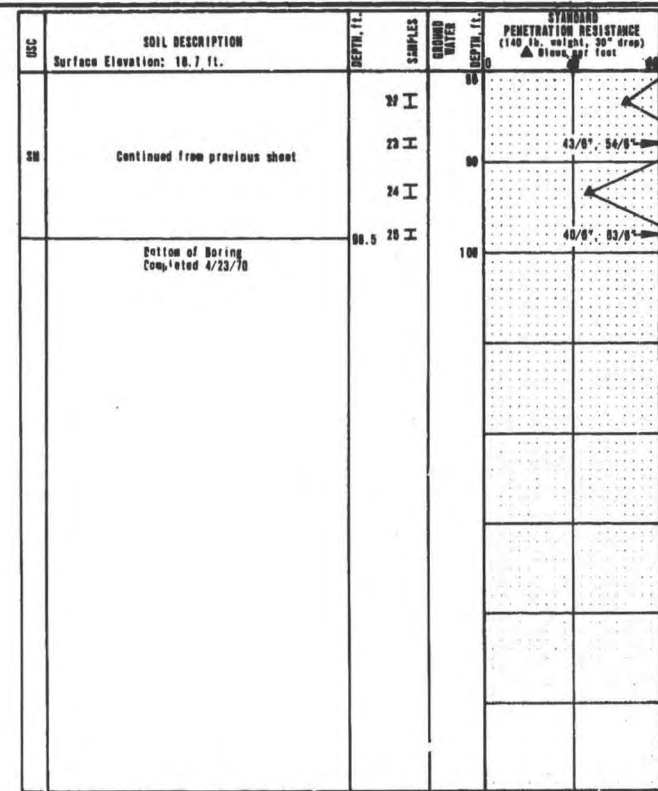
USC Unified Soil Classification  
 See grain size classification sheet

**CITY OF SEATTLE  
 DAY FREEMAN**

**LOG OF BORING NO. B-426**

FEB. 12, 1971 W-1050

SHAWMUT & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed  
 Sampler pushed

Afterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

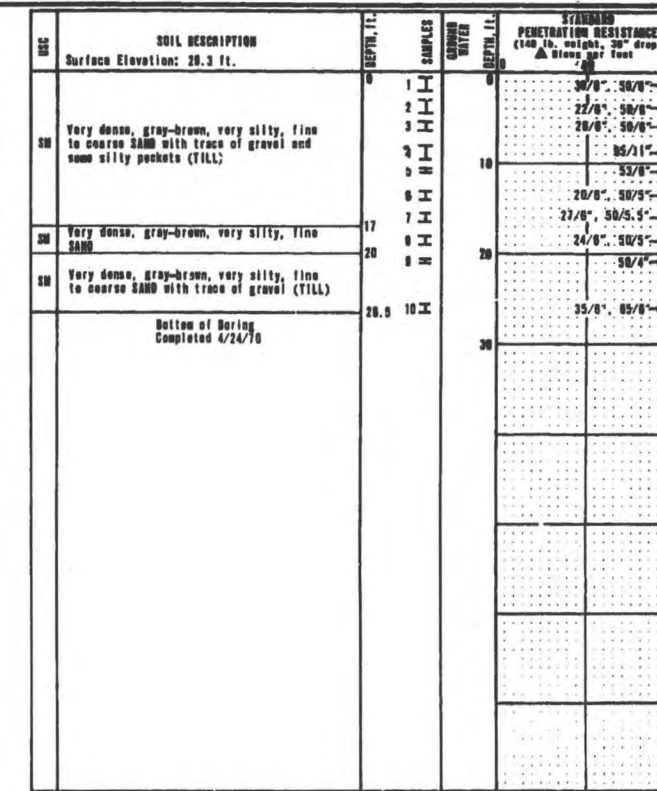
USC Unified Soil Classification  
 See grain size classification sheet

**CITY OF SEATTLE  
 DAY FREEMAN**

**LOG OF BORING NO. B-426**

FEB. 12, 1971 W-1050

SHAWMUT & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed  
 Sampler pushed

Afterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

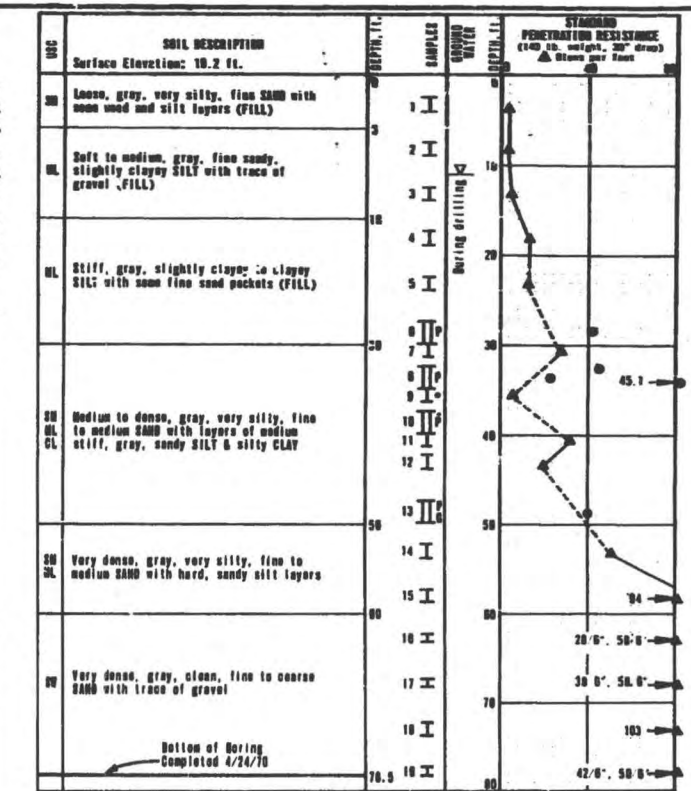
USC Unified Soil Classification  
 See grain size classification sheet

**CITY OF SEATTLE  
 DAY FREEMAN**

**LOG OF BORING NO. B-427**

FEB. 12, 1971 W-1050

SHAWMUT & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed  
 Sampler pushed

Afterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

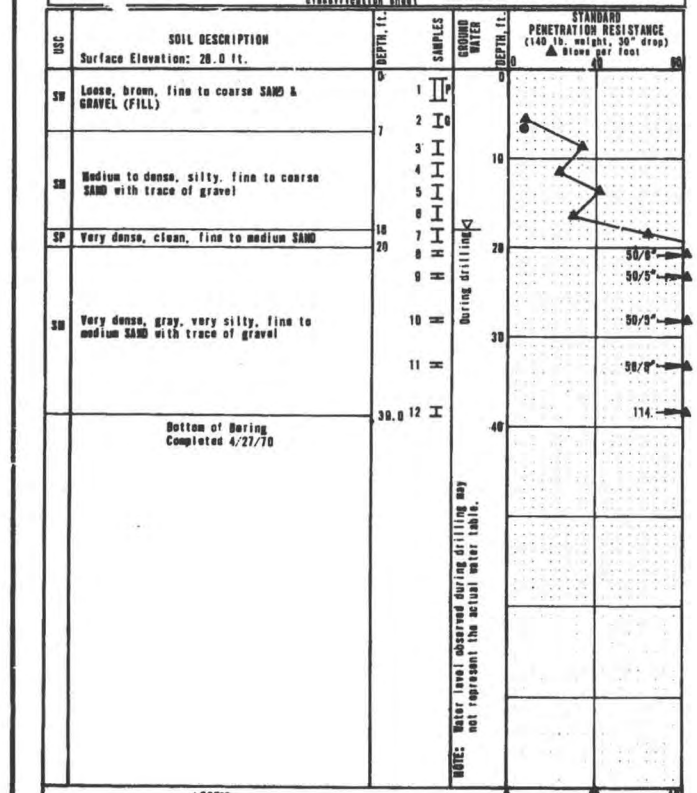
USC Unified Soil Classification  
 See grain size classification sheet

**CITY OF SEATTLE  
 DAY FREEMAN**

**LOG OF BORING NO. B-428**

FEB. 12, 1971 W-1050

SHAWMUT & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed  
 Sampler pushed

Afterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

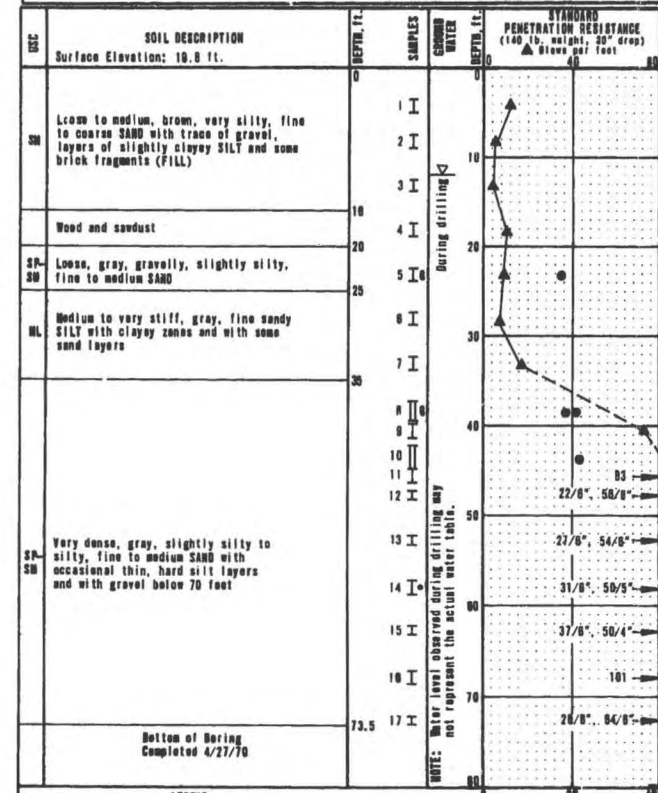
USC Unified Soil Classification  
 See grain size classification sheet

**CITY OF SEATTLE  
 DAY FREEMAN**

**LOG OF BORING NO. B-429**

FEB. 12, 1971 W-1050

SHAWMUT & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed  
 Sampler pushed

Afterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

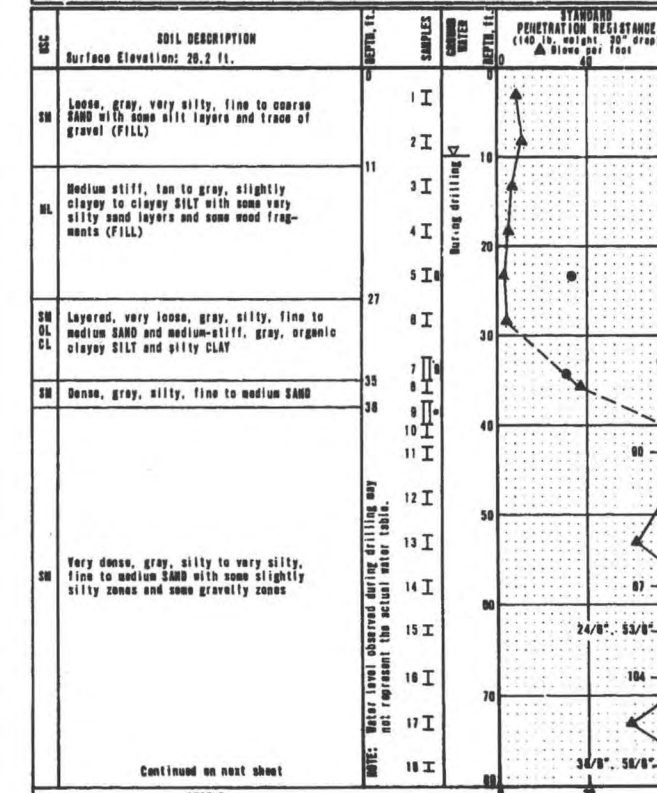
USC Unified Soil Classification  
 See grain size classification sheet

**CITY OF SEATTLE  
 DAY FREEMAN**

**LOG OF BORING NO. B-430**

FEB. 12, 1971 W-1050

SHAWMUT & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed  
 Sampler pushed

Afterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

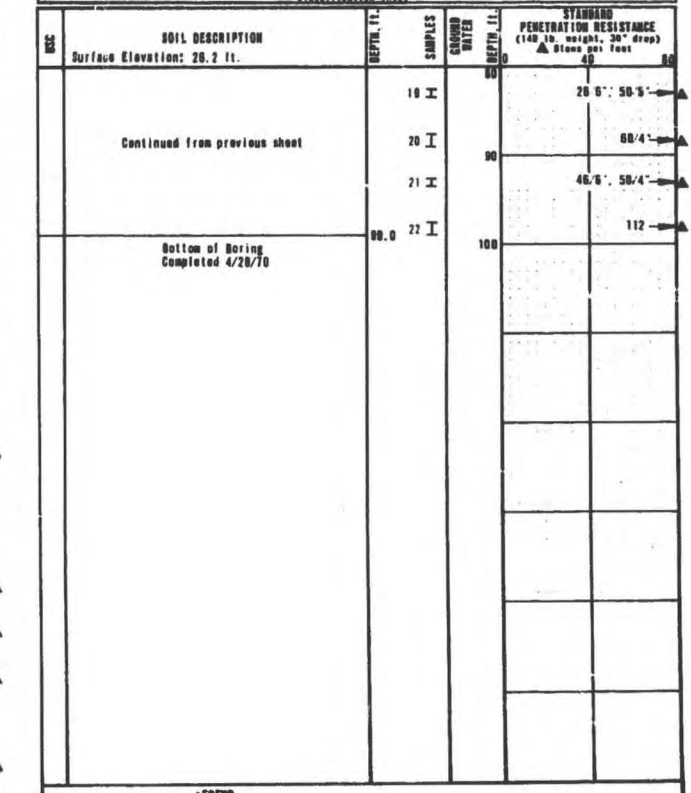
USC Unified Soil Classification  
 See grain size classification sheet

**CITY OF SEATTLE  
 DAY FREEMAN**

**LOG OF BORING NO. B-431**

FEB. 12, 1971 W-1050

SHAWMUT & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS



**LEGEND**

I 2.0" O.D. split spoon sample  
 II 3.0" O.D. thin-wall sample  
 \* Sample not recovered

Impervious seal  
 Water level  
 Piezometer tip  
 Sampler pushed  
 Sampler pushed

Afterberg limits:  
 Liquid limit  
 Natural water content  
 Plastic limit

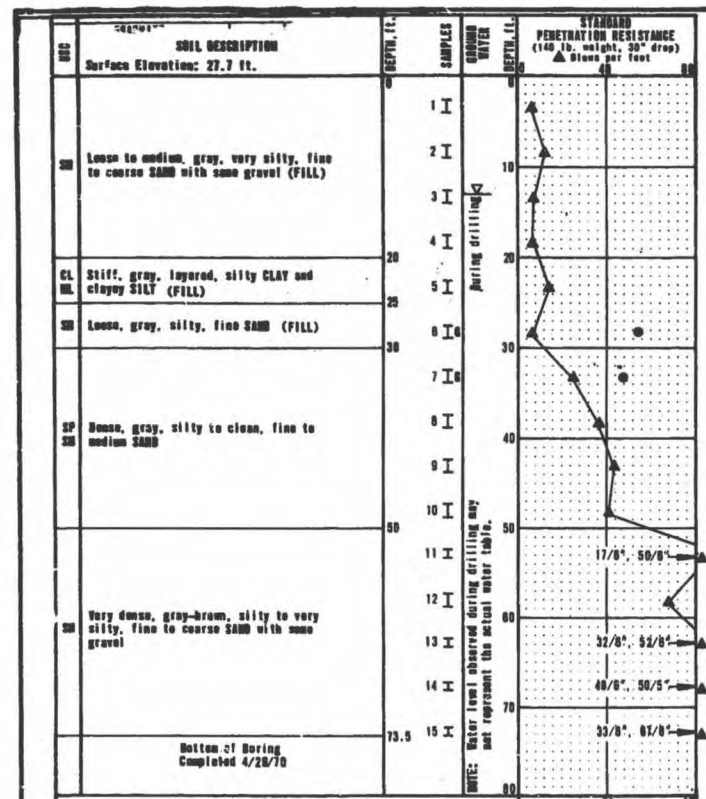
USC Unified Soil Classification  
 See grain size classification sheet

**CITY OF SEATTLE  
 DAY FREEMAN**

**LOG OF BORING NO. B-431**

FEB. 12, 1971 W-1050

SHAWMUT & WILSON, INC.  
 SOIL MECHANICS & FOUNDATION ENGINEERS

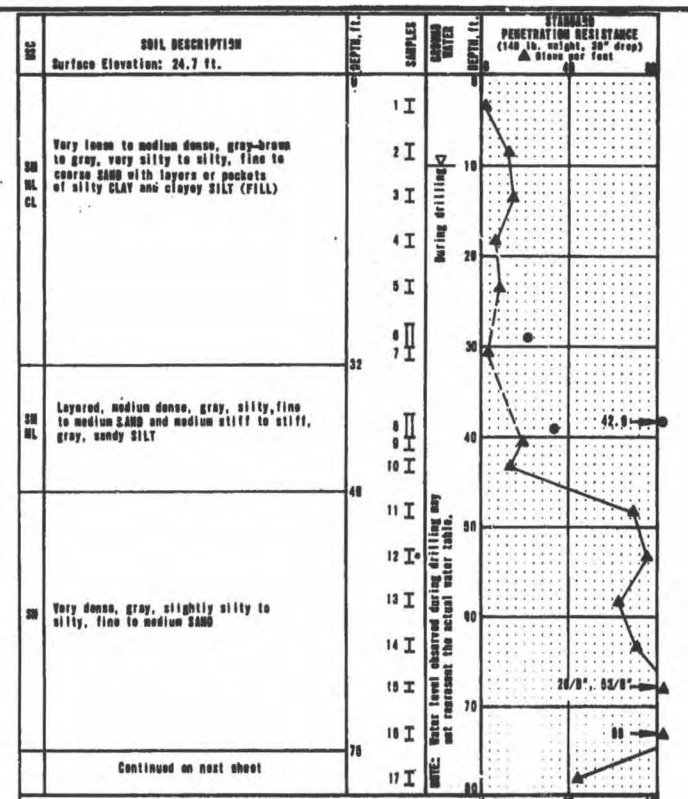


LEGEND

I 2.0" O.D. split spoon sample  
II 3.0" O.D. thin-wall sample  
• Sample not recovered

Impervious seal  
Water level  
P Sampler pushed  
Atterberg limits:  
— Liquid limit  
— Natural water content  
— Plastic limit

● 5 Water content  
CITY OF SEATTLE  
DAY FREEMAN  
LOG OF BORING NO. B-432  
FEB. 12, 1971 9-1000  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS

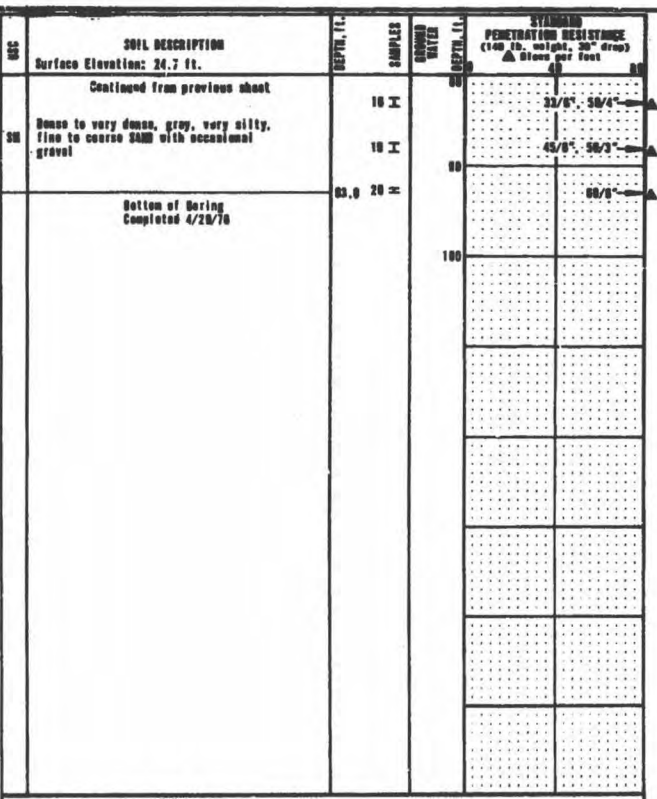


LEGEND

I 2.0" O.D. split spoon sample  
II 3.0" O.D. thin-wall sample  
• Sample not recovered

Impervious seal  
Water level  
P Sampler pushed  
Atterberg limits:  
— Liquid limit  
— Natural water content  
— Plastic limit

● 5 Water content  
CITY OF SEATTLE  
DAY FREEMAN  
LOG OF BORING NO. B-433  
FEB. 12, 1971 9-1000  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS

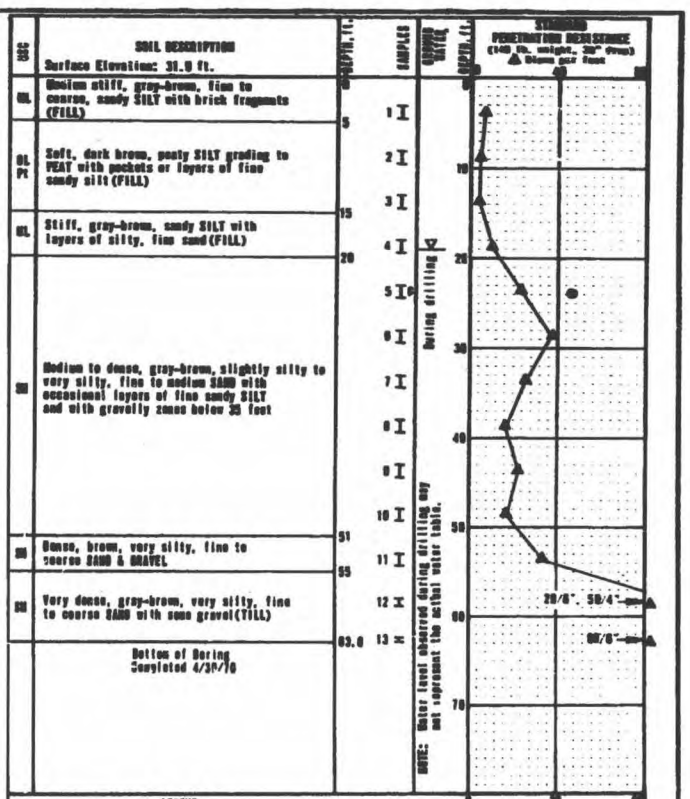


LEGEND

I 2.0" O.D. split spoon sample  
II 3.0" O.D. thin-wall sample  
• Sample not recovered

Impervious seal  
Water level  
P Sampler pushed  
Atterberg limits:  
— Liquid limit  
— Natural water content  
— Plastic limit

● 5 Water content  
CITY OF SEATTLE  
DAY FREEMAN  
LOG OF BORING NO. B-434  
FEB. 12, 1971 9-1000  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS

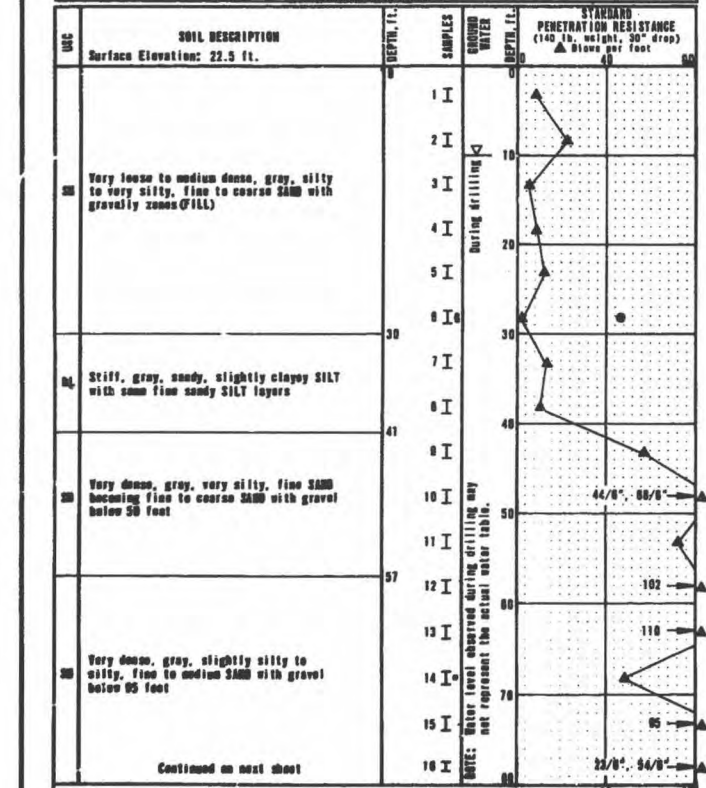


LEGEND

I 2.0" O.D. split spoon sample  
II 3.0" O.D. thin-wall sample  
• Sample not recovered

Impervious seal  
Water level  
P Sampler pushed  
Atterberg limits:  
— Liquid limit  
— Natural water content  
— Plastic limit

● 5 Water content  
CITY OF SEATTLE  
DAY FREEMAN  
LOG OF BORING NO. B-435  
FEB. 12, 1971 9-1000  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS

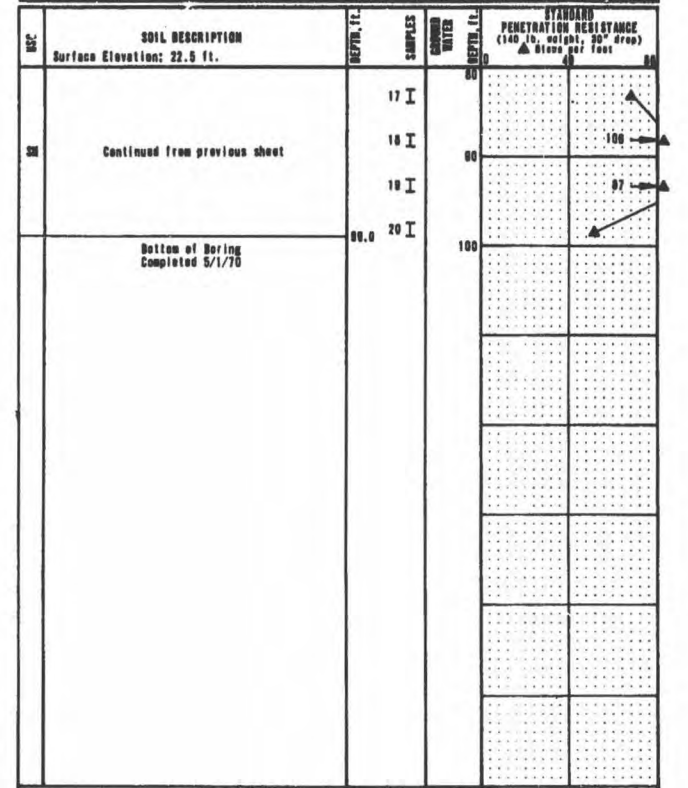


LEGEND

I 2.0" O.D. split spoon sample  
II 3.0" O.D. thin-wall sample  
• Sample not recovered

Impervious seal  
Water level  
P Sampler pushed  
Atterberg limits:  
— Liquid limit  
— Natural water content  
— Plastic limit

● 5 Water content  
CITY OF SEATTLE  
DAY FREEMAN  
LOG OF BORING NO. B-436  
FEB. 12, 1971 9-1000  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS

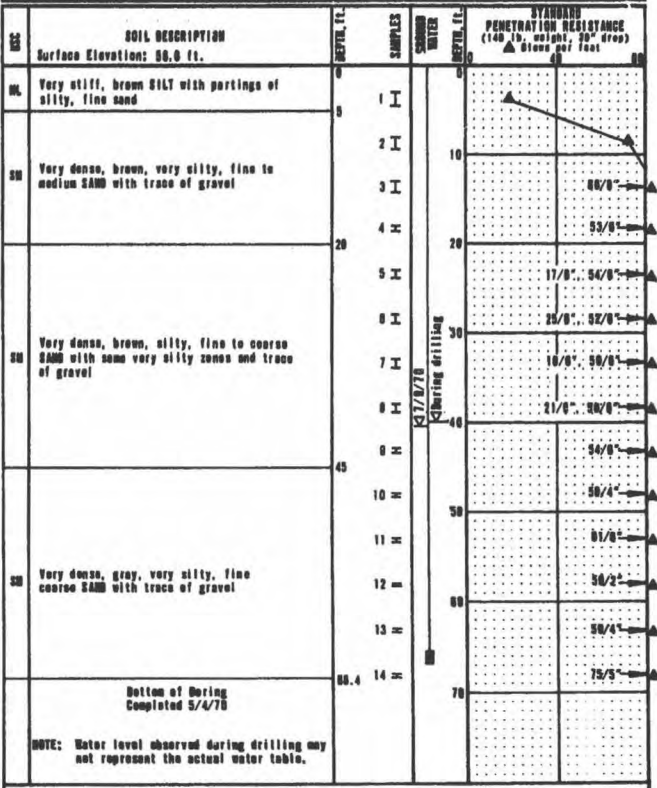


LEGEND

I 2.0" O.D. split spoon sample  
II 3.0" O.D. thin-wall sample  
• Sample not recovered

Impervious seal  
Water level  
P Sampler pushed  
Atterberg limits:  
— Liquid limit  
— Natural water content  
— Plastic limit

● 5 Water content  
CITY OF SEATTLE  
DAY FREEMAN  
LOG OF BORING NO. B-437  
FEB. 12, 1971 9-1000  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS

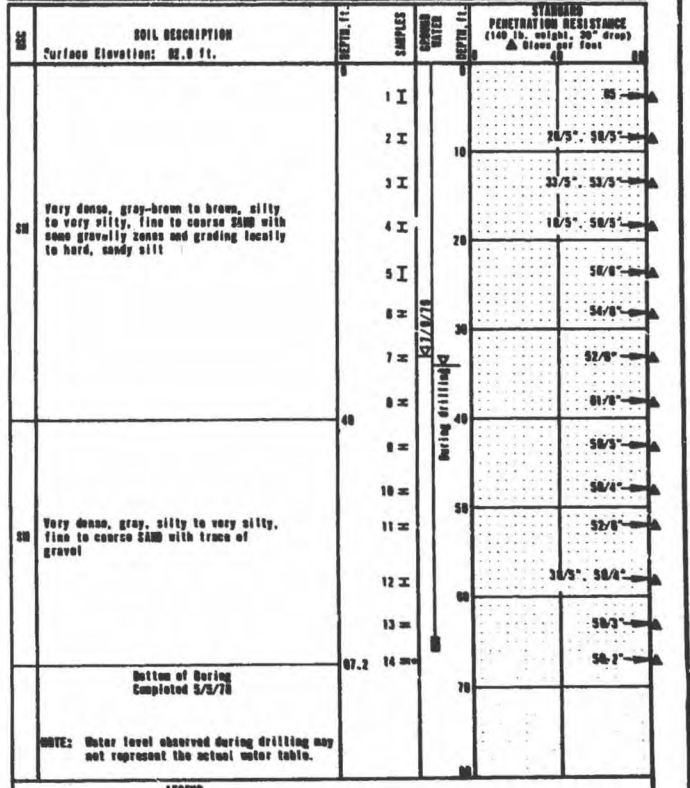


LEGEND

I 2.0" O.D. split spoon sample  
II 3.0" O.D. thin-wall sample  
• Sample not recovered

Impervious seal  
Water level  
P Sampler pushed  
Atterberg limits:  
— Liquid limit  
— Natural water content  
— Plastic limit

● 5 Water content  
CITY OF SEATTLE  
DAY FREEMAN  
LOG OF BORING NO. B-438  
FEB. 12, 1971 9-1000  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS

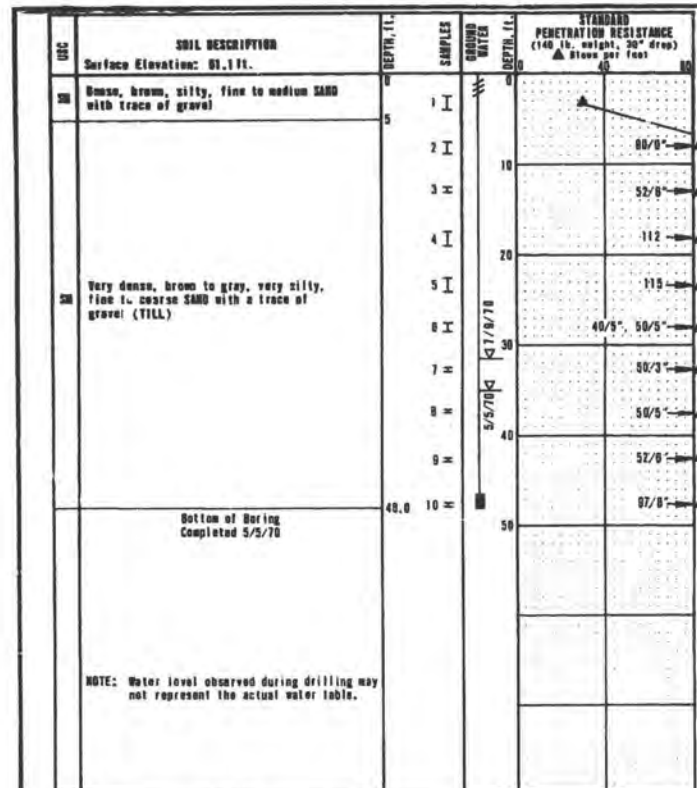


LEGEND

I 2.0" O.D. split spoon sample  
II 3.0" O.D. thin-wall sample  
• Sample not recovered

Impervious seal  
Water level  
P Sampler pushed  
Atterberg limits:  
— Liquid limit  
— Natural water content  
— Plastic limit

● 5 Water content  
CITY OF SEATTLE  
DAY FREEMAN  
LOG OF BORING NO. B-439  
FEB. 12, 1971 9-1000  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS

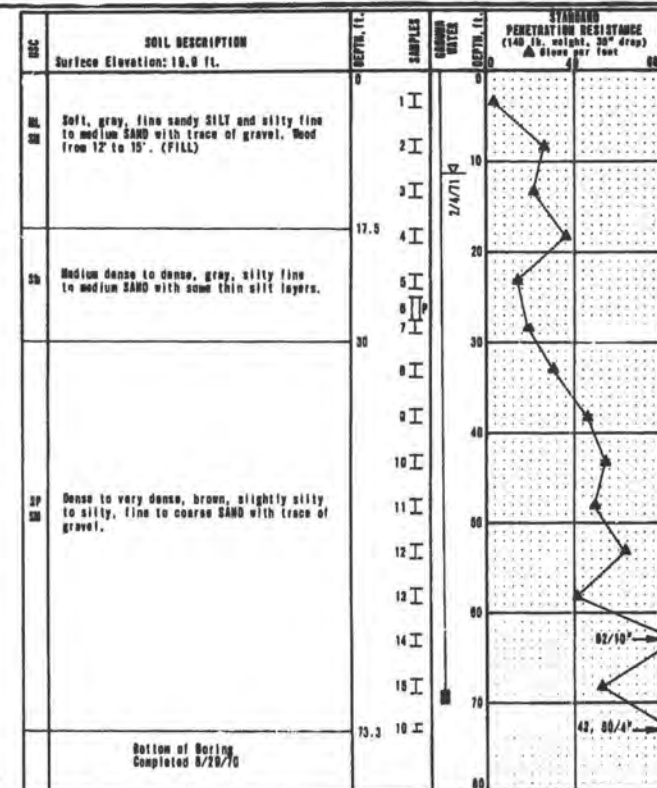


NOTE: Water level observed during drilling may not represent the actual water table.

LEGEND

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- = Sample not recovered
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Unified Soil Classification
- Water content

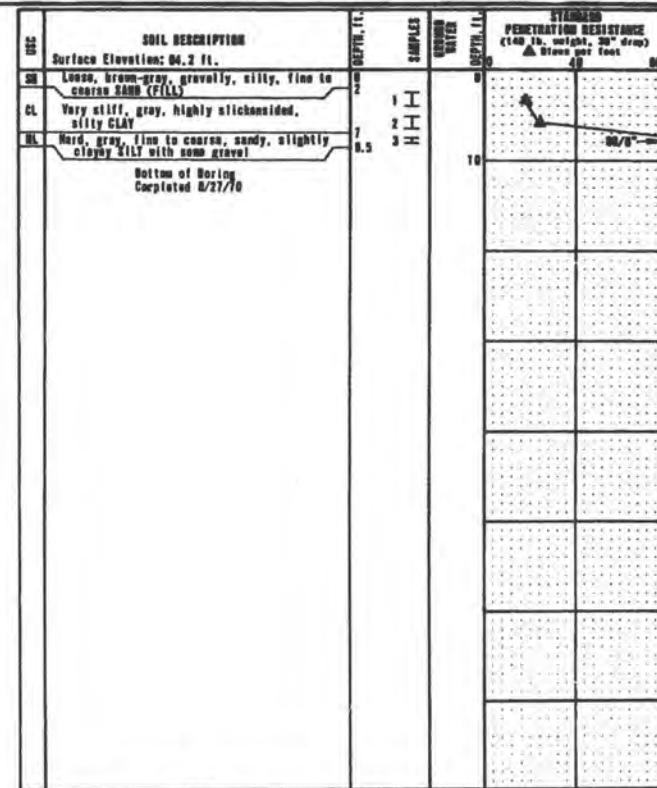
CITY OF SEATTLE  
RAY FREEMAN  
LOG OF BORING NO. B-438  
FEB. 12, 1971  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS



LEGEND

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- = Sample not recovered
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Unified Soil Classification
- Water content

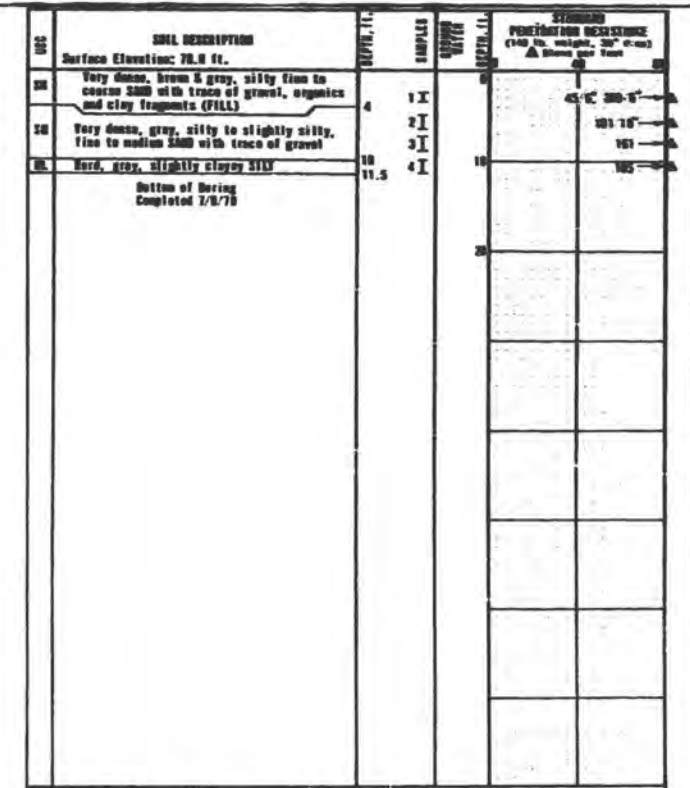
CITY OF SEATTLE  
RAY FREEMAN  
LOG OF BORING NO. B-439  
FEB. 12, 1971  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS



LEGEND

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- = Sample not recovered
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Unified Soil Classification
- Water content

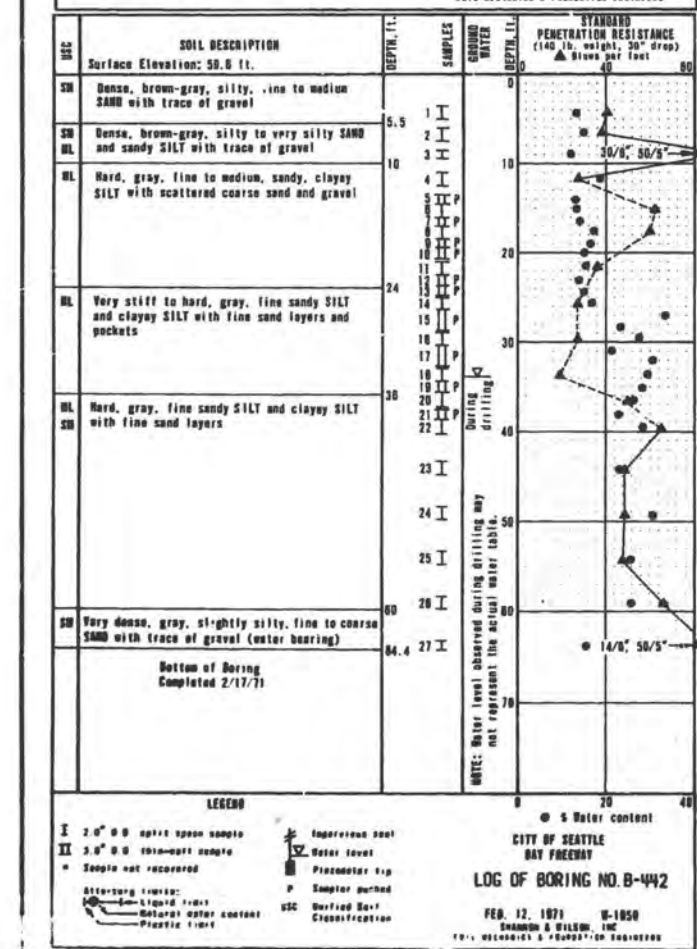
CITY OF SEATTLE  
RAY FREEMAN  
LOG OF BORING NO. B-440  
FEB. 12, 1971  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS



LEGEND

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- = Sample not recovered
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Unified Soil Classification
- Water content

CITY OF SEATTLE  
RAY FREEMAN  
LOG OF BORING NO. B-441  
FEB. 12, 1971  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS

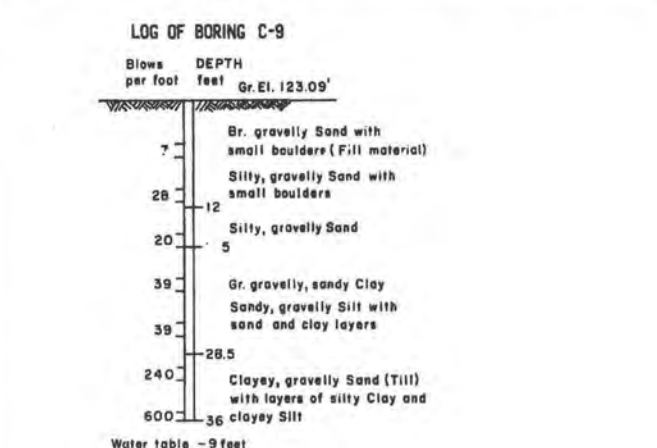


NOTE: Water level observed during drilling may not represent the actual water table.

LEGEND

- I 2.0" O.D. split spoon sample
- II 3.0" O.D. thin-wall sample
- = Sample not recovered
- Impervious seal
- Water level
- Piezometer tip
- Sampler pushed
- Unified Soil Classification
- Water content

CITY OF SEATTLE  
RAY FREEMAN  
LOG OF BORING NO. B-442  
FEB. 12, 1971  
SHANNON & WILSON, INC.  
SOIL MECHANICS & FOUNDATION ENGINEERS



BORING C-9 - TEST HOLE NO. 226 BY WASHINGTON STATE, DEPARTMENT OF HIGHWAYS, 1961







**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH; DMM  
**Date Started:** 7/9/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.8' north of the north wall of the warehouse area  
**Well Location E/W:** 28.5' east of the east wall of the auto shop  
**Reviewed by:** CCC  
**Date Completed:** 7/17/2012

**BORING LOG | B101**  
**MW101**

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 FILL		Concrete surfacing. Boring hand-cleared to 5 feet bgs. Brick and stone debris and concrete blocks with rebar.  Concrete debris with gravel and silt-sand mixture.	
5				0.0		SM (FILL)		Damp, loose, silty SAND with gravel, brown, no solvent or hydrocarbon odor (25-55-20). Fill material.	
				0.0		SM (FILL)		Wood debris with silty SAND, damp, brown, no solvent or hydrocarbon odor (25-75-0). Driller added water.	
10				0.0		Concrete (FILL)		Concrete debris. Wood debris.	
15								No recovery.	

**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:** 115 feet bgs  
**State Well ID No.:** BCK 014

**Well/Auger Diameter:** 2/8,6,4 inches  
**Well Screened Interval:** 105 to 115 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:**  
 Set conductor casing at 40 and 80 feet bgs.





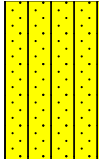

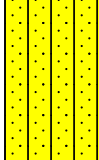

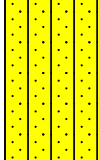



**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH; DMM  
**Date Started:** 7/9/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.8' north of the north wall of the warehouse area  
**Well Location E/W:** 28.5' east of the east wall of the auto shop  
**Reviewed by:** CCC  
**Date Completed:** 7/17/2012

**BORING LOG** | **B101**  
 MW101

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									
			20	0.2		SM		Wet, dense, silty fine to medium SAND with gravel, gray, no solvent or hydrocarbon odor (25-55-20).	
20				0.0		SM		Wet, dense, silty fine to medium SAND with gravel, gray, no solvent or hydrocarbon odor (25-55-20).	
25		10							
30				96.5		SM		Wet, dense, silty fine to medium SAND with gravel, gray, no solvent or hydrocarbon odor (20-65-15). Dry, very dense, silty fine SAND with some gravel, gray, no solvent or hydrocarbon odor (40-50-10).	

**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:** 115 feet bgs  
**State Well ID No.:** BCK 014

**Well/Auger Diameter:** 2/8,6,4 inches  
**Well Screened Interval:** 105 to 115 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:**  
 Set conductor casing at 40 and 80 feet bgs.



**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH; DMM  
**Date Started:** 7/9/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.8' north of the north wall of the warehouse area  
**Well Location E/W:** 28.5' east of the east wall of the auto shop  
**Reviewed by:** CCC  
**Date Completed:** 7/17/2012

**BORING LOG** | **B101**  
 MW101

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				219	B101-30	SM		Dry, very dense, silty fine SAND with some gravel, gray, no solvent or hydrocarbon odor (sieve result 37.2/52.4/10.4).	
			100	61		SM		Damp, very dense, silty medium to fine SAND and gravel, brown, no solvent or hydrocarbon odor (sieve result 21.3/70/8.7).	
				93.4	B101-34	SP-SM		Damp, very dense, medium to fine SAND with silt and gravel, brown, no solvent or hydrocarbon odor (15-70-15).	
35				154		SM		Damp, very dense, silty fine SAND with gravel, gray with brown mottling, no solvent or hydrocarbon odor (20-65-15).	
				121					
			100	127		SM		Damp, very dense, silty fine SAND with gravel, brown with reddish brown mottling, no solvent or hydrocarbon odor (20-70-10).	
				60.9				Dry, very dense, SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
40				42.1	B101-40			Dry, very dense, SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
				29.8					
				57.6		SM-ML		Dry, very dense, SILT with fine sand and gravel, trace cobbles present, gray, no solvent or hydrocarbon odor (40-50-10).	
				12.6				Dry, very dense, SILT with fine sand and gravel, trace cobbles, gray, no solvent or hydrocarbon odor (40-45-15).	
45				49.4					

<b>Drilling Co./Driller:</b> Major Drilling/Dan <b>Drilling Equipment:</b> LAR Sonic <b>Sampler Type:</b> Core Barrel <b>Hammer Type/Weight:</b> -- lbs <b>Total Boring Depth:</b> 140 feet bgs <b>Total Well Depth:</b> 115 feet bgs <b>State Well ID No.:</b> BCK 014	<b>Well/Auger Diameter:</b> 2/8,6,4 inches <b>Well Screened Interval:</b> 105 to 115 feet bgs <b>Screen Slot Size:</b> 0.010 inches <b>Filter Pack Used:</b> Colorado Silica Sand <b>Surface Seal:</b> Concrete <b>Annular Seal:</b> Bentonite grout <b>Monument Type:</b> Flush Mount	<b>Notes/Comments:</b> Set conductor casing at 40 and 80 feet bgs.
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**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH; DMM  
**Date Started:** 7/9/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.8' north of the north wall of the warehouse area  
**Well Location E/W:** 28.5' east of the east wall of the auto shop  
**Reviewed by:** CCC  
**Date Completed:** 7/17/2012

**BORING LOG | B101**  
**MW101**

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				82.3		SM		Damp, very dense, silty medium SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
				56.9	B101-47	SP-SM		Moist, very dense, medium to fine SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
		100		53.5		SM		Moist, very dense, silty fine to medium SAND with gravel, gray, no solvent or hydrocarbon odor (sieve result 28.2/56.0/15.3).	
				13.8		SM		Damp, very dense, silty fine SAND with some gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
50				179		SM		Moist, very dense, silty medium to fine SAND with gravel, gray, no solvent or hydrocarbon odor (25-65-10).	
				141		ML		Dry, hard, SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (60-25-15).	
				9.43		SM		Damp, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (25-70-5).	
55				9.10	B101-55	SM			
		100		8.79		SM-ML		Grades to dry to moist, more silt-rich, no solvent or hydrocarbon odor (40-50-10).	
				2.63					
				6.93					
60						SM-ML		Dry, very dense, silty fine SAND with some gravel, gray, no solvent or hydrocarbon odor (40-50-10).	

**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:** 115 feet bgs  
**State Well ID No.:** BCK 014

**Well/Auger Diameter:** 2/8,6,4 inches  
**Well Screened Interval:** 105 to 115 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:**  
 Set conductor casing at 40 and 80 feet bgs.

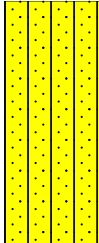
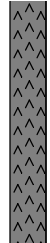
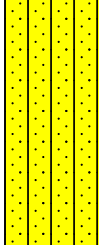
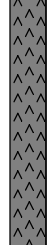
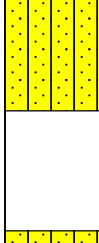

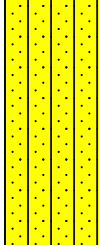
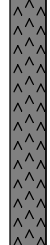
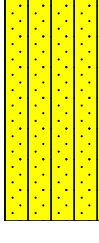

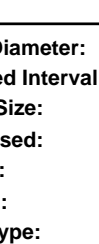





**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH; DMM  
**Date Started:** 7/9/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.8' north of the north wall of the warehouse area  
**Well Location E/W:** 28.5' east of the east wall of the auto shop  
**Reviewed by:** CCC  
**Date Completed:** 7/17/2012

**BORING LOG** | **B101**  
 MW101

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				59.5		SM		Dry, very dense, silty fine SAND with some gravel, gray, no solvent or hydrocarbon odor (35-45-20).	
				1.3					
		100		4.2		SM		Dry, very dense, silty fine SAND and trace gravel, gray, no solvent or hydrocarbon odor (40-55-5).	
65				1.74	B101-65				
				7.4		SM		Wet, dense, silty fine SAND and gravel, gray, no solvent or hydrocarbon odor.	
				7.4					
		95		5.4		SM-ML		Damp, very dense, silty fine SAND and trace gravel, gray, no solvent or hydrocarbon odor (50-45-5).	
				2.5		SM		Dry, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
70				0.0		SM		Dry, very dense, silty fine SAND with trace gravel, gray, no solvent or hydrocarbon odor (40-55-5).	
				0.0		SM		Dry, very dense, silty fine SAND with trace gravel, gray, no solvent or hydrocarbon odor (40-55-5).	
		100		0.0		SM		Dry, very dense silty fine SAND, gray, no solvent or hydrocarbon odor (45-55-0).	
				0.0		SM		Damp, very dense, silty fine SAND, gray, no solvent or hydrocarbon odor (25-75-0).	
75				0.2	B101-75				

**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:** 115 feet bgs  
**State Well ID No.:** BCK 014

**Well/Auger Diameter:** 2/8,6,4 inches  
**Well Screened Interval:** 105 to 115 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:**  
 Set conductor casing at 40 and 80 feet bgs.









**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH; DMM  
**Date Started:** 7/9/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.8' north of the north wall of the warehouse area  
**Well Location E/W:** 28.5' east of the east wall of the auto shop  
**Reviewed by:** CCC  
**Date Completed:** 7/17/2012

**BORING LOG** | **B101**  
 MW101

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				0.0		SM-ML		Dry, very dense, SILT with fine sand and trace gravel, gray, no solvent or hydrocarbon odor (45-50-5).	
			100	0.0		SM		Moist, very dense, silty medium to fine SAND with gravel, gray, no solvent or hydrocarbon odor (30-55-15).	
				0.0		SM		Dry, very dense, silty fine SAND with some gravel, gray, no solvent or hydrocarbon odor (50-40-10).	
				0.2					
80				0.2	B101-81	SM		Wet, very dense, silty gravelly fine SAND and few cobbles, gray, no solvent or hydrocarbon odor (55-40-5).	
				0.0		SM		Moist, very dense, silty fine SAND and trace cobbles, gray, no solvent or hydrocarbon odor (40-55-5).	
			100	0.0		SM-ML		Dry, very hard, silty gravelly fine to medium sandy SILT with some gravel, gray, no solvent or hydrocarbon odor (45-35-20).	
				0.0					
				1.1		SM		Damp, very dense, silty fine SAND with some gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
						SM		Moist, very dense, silty fine SAND with some gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
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:** 115 feet bgs  
**State Well ID No.:** BCK 014

**Well/Auger Diameter:** 2/8,6,4 inches  
**Well Screened Interval:** 105 to 115 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:**  
 Set conductor casing at 40 and 80 feet bgs.

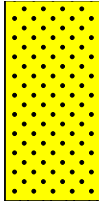
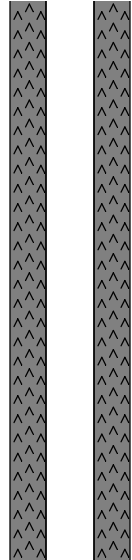
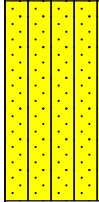
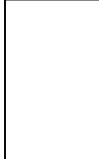
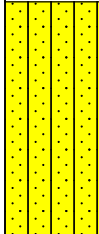
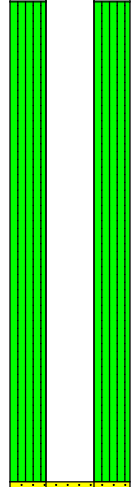
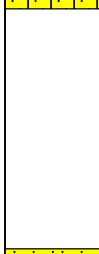

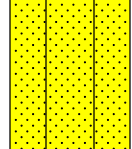




**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH; DMM  
**Date Started:** 7/9/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.8' north of the north wall of the warehouse area  
**Well Location E/W:** 28.5' east of the east wall of the auto shop  
**Reviewed by:** CCC  
**Date Completed:** 7/17/2012

**BORING LOG** | **B101**  
 MW101

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				0.9		SP		Wet, dense, medium to fine SAND with trace silt, gray, no solvent or hydrocarbon odor (5-95-0).	
				0.1	B101-92				
				0.1		SM		Wet, dense, silty medium SAND, gray, no solvent or hydrocarbon odor (20-80-0).	
				0.1					
95		100	0.0			SP-SM		Wet, dense, medium to fine SAND with silt, gray, no solvent or hydrocarbon odor (15-85-0).	
				0.0	B101-97				
				0.0		SM		Damp, very dense silty fine to medium SAND, gray, no solvent or hydrocarbon odor (35-65-0).	
				0.0					
100			0.0			SP-SM		Wet, dense, coarse to medium SAND with silt and gravel, gray, no solvent or hydrocarbon odor (5-90-5).	
				0.0					
				0.0		SP-GP		Wet, dense, coarse to medium SAND with silt and gravel, gray, no solvent or hydrocarbon odor (sieve result 8.8/43.5/47.7).	
				0.0	B101-104				
				0.0		SP-SM		Wet, dense, coarse to medium SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
105			100						

**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:** 115 feet bgs  
**State Well ID No.:** BCK 014

**Well/Auger Diameter:** 2/8,6,4 inches  
**Well Screened Interval:** 105 to 115 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:**  
 Set conductor casing at 40 and 80 feet bgs.


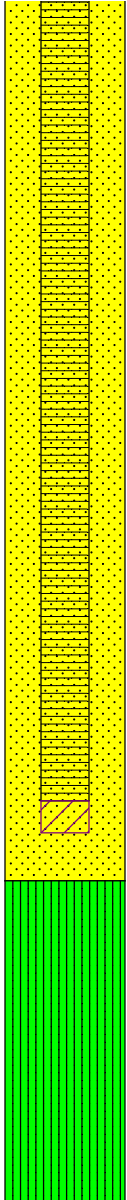













**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH; DMM  
**Date Started:** 7/9/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.8' north of the north wall of the warehouse area  
**Well Location E/W:** 28.5' east of the east wall of the auto shop  
**Reviewed by:** CCC  
**Date Completed:** 7/17/2012

**BORING LOG** | **B101**  
 MW101

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				0.0		SM		Damp, very dense, silty fine SAND with trace gravel, gray, no solvent or hydrocarbon odor (35-60-5).	
				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		SM		Damp, very dense, SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (35-60-5).	
				0.1		SP-SM		Wet, dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (25-65-10).	
110				0.0		SP-SM		Wet, dense, coarse to medium SAND with gravel and silt, gray, no solvent or hydrocarbon odor (10-80-10).	
				0.0		SP-SM		Wet, dense, coarse to medium SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-80-10).	
				0.0		SP-SM		Wet, dense, coarse to medium SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-80-10).	
				6.6	B101-114.5	SM		Damp, very dense silt, fine to medium SAND with some gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
115				0.1		SM		Damp, very dense, silty fine SAND with some gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
				1.3		SM-ML		Dry, very dense, silty fine SAND with trace gravel, gray (50-45-5).	
				0.4					
				1.3		SM		Moist, very dense, silty coarse SAND with some gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
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:** 115 feet bgs  
**State Well ID No.:** BCK 014

**Well/Auger Diameter:** 2/8,6,4 inches  
**Well Screened Interval:** 105 to 115 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:**  
 Set conductor casing at 40 and 80 feet bgs.

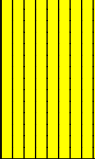
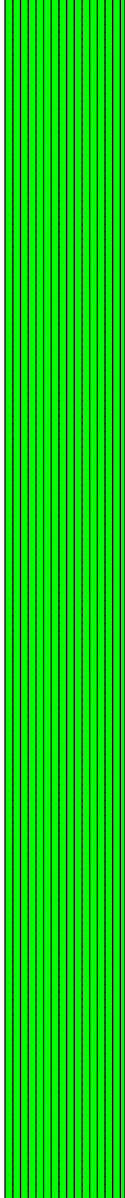

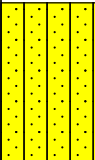




**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH; DMM  
**Date Started:** 7/9/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.8' north of the north wall of the warehouse area  
**Well Location E/W:** 28.5' east of the east wall of the auto shop  
**Reviewed by:** CCC  
**Date Completed:** 7/17/2012

**BORING LOG** | **B101**  
 MW101

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				0.4	B101-120	ML		Damp, hard, SILT with fine sand with some gravel, weakly cemented, gray, no solvent or hydrocarbon odor (50-35-15).	
				0.4			Sieve result 30.6/30.9/38.5.		
				0.7		SM-GM		Damp, very dense, silty fine to medium SAND with some gravel, gray, no solvent or hydrocarbon odor (35-50-15).	
125			50	1.0			No recovery.		
				2.5	B101-131	SM		Wet, very dense, silty fine SAND with trace gravel, cohesive, gray, no solvent or hydrocarbon odor (40-55-5).	
				1.3		SM-ML		Wet, hard, silty fine SAND with trace gravel, slurry consistency, gray, no solvent or hydrocarbon odor (60-35-5).	
				0.4				Wet, hard, silty fine to medium SAND with some gravel, cohesive material (45-40-15).	
130									
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:** 115 feet bgs  
**State Well ID No.:** BCK 014

**Well/Auger Diameter:** 2/8,6,4 inches  
**Well Screened Interval:** 105 to 115 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:**  
 Set conductor casing at 40 and 80 feet bgs.





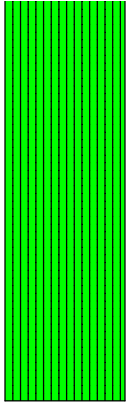


**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH; DMM  
**Date Started:** 7/9/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.8' north of the north wall of the warehouse area  
**Well Location E/W:** 28.5' east of the east wall of the auto shop  
**Reviewed by:** CCC  
**Date Completed:** 7/17/2012

**BORING LOG** | **B101**  
 MW101

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				0.0		SM-ML		Dry, hard SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (45-45-10).	
				0.4		SM-ML		Dry, hard, SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (45-45-10).	
				0.1		SM-ML			
140				0.7	B101-140	SM-ML		Dry, hard, SILT with fine sand and gravel, gray no solvent or hydrocarbon odor (40-45-15).	
145								<p>Boring terminated at 140 feet bgs, backfilled with bentonite grout from 140 feet to 116 feet depth. Two-inch-diameter well installed to a depth of 115 feet bgs, screened from 105 to 115 feet bgs, with silica sand from 103 to 116 feet bgs, bentonite seal from 97 to 103 feet bgs, bentonite grout from 2 to 97 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW101.</p> <p>Reconnaissance groundwater samples collected from 5-foot sections of disposable pre-packed well screens set at depths of 75'-80', 95'-100', 115'-120', and 134'-139' depths.</p>	
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:** 115 feet bgs  
**State Well ID No.:** BCK 014

**Well/Auger Diameter:** 2/8,6,4 inches  
**Well Screened Interval:** 105 to 115 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:**  
 Set conductor casing at 40 and 80 feet bgs.



**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 7/17/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 13.5' north of northern-most northeast corner of 700 Dexter  
**Well Location E/W:** 10.0' east of northern-most northeast corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 7/24/2012

**BORING LOG** | **B102**  
 MW102

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 28 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		6 inches of concrete surfacing.	
						SM (FILL)		Damp, dense, silty fine SAND with gravel and brick fragments, brown, no solvent or hydrocarbon odor (25-65-10). Fill material.	
						SM (FILL)		Damp, dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (26-65-10). Fill material.	
5						SM (FILL)		Moist, dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (25-65-10). Fill material.	
						SM (FILL)		Moist, dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (25-65-10). Fill material.	
						SM (FILL)		Damp, dense, silty fine SAND with gravel, asphalt and wood debris, brown, no solvent or hydrocarbon odor (20-70-10). Fill material.	
10				0.0		SM (FILL)		Damp, dense, silty fine SAND with gravel, trace asphalt and wood debris, brown, no solvent or hydrocarbon odor (20-70-10). Fill material.	
						SM (FILL)		Damp, dense, silty fine SAND with gravel, brown, no solvent or hydrocarbon odor (20-70-10). Fill material.	
			100	0.0		SP-SM (FILL)		Damp, dense, fine SAND with silt and gravel, gray, no solvent or hydrocarbon odor (15-75-10). Fill material.	
15				0.0		SM (FILL)		Damp, dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (25-70-5).	

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 125 feet bgs  
**Total Well Depth:** 125 feet bgs  
**State Well ID No.:** BCK 015

**Well/Auger Diameter:** 1/8,6 inches  
**Well Screened Interval:** 115 to 125 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** Flush mount

**Notes/Comments:**



**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 7/17/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 13.5' north of northern-most northeast corner of 700 Dexter  
**Well Location E/W:** 10.0' east of northern-most northeast corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 7/24/2012

**BORING LOG** | **B102**  
 MW102

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 28 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 (FILL)		Damp, dense, silty SAND with wood debris, brown, no solvent or hydrocarbon odor (25-75-0).	
				0.0		SM (FILL)		Damp, dense, silty SAND with wood debris, brown, no solvent or hydrocarbon odor (25-75-0).	
				0.0	B102-20	SM		Damp, very dense, silty fine SAND with trace gravel, gray, no solvent or hydrocarbon odor (20-75-5).	
20				0.0		SP-SM		Damp, very dense, fine to medium SAND with silt and gravel, grayish brown, no solvent or hydrocarbon odor (15-80-5).	
				0.0		SP-SM		Damp, very dense, fine to medium SAND with silt and gravel, grayish brown, no solvent or hydrocarbon odor (15-80-5).	
		100		0.0		SP-SM		Moist, very dense, fine to medium SAND with silt and gravel, brown, no solvent or hydrocarbon odor (15-80-5).	
25				0.0		SM-ML		Wet, very dense fine sandy SILT, brown, no solvent or hydrocarbon odor (50-50-0).	
				0.0	B102-30	SM-ML		Wet, very dense, fine sandy SILT, brown, no solvent or hydrocarbon odor (50-50-0).	
30									

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 125 feet bgs  
**Total Well Depth:** 125 feet bgs  
**State Well ID No.:** BCK 015

**Well/Auger Diameter:** 1/8.6 inches  
**Well Screened Interval:** 115 to 125 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** Flush mount

**Notes/Comments:**



**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 7/17/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 13.5' north of northern-most northeast corner of 700 Dexter  
**Well Location E/W:** 10.0' east of northern-most northeast corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 7/24/2012

**BORING LOG** | **B102**  
 MW102

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 28 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		SP		Damp, very dense, medium to fine SAND with silt and gravel, brown, no solvent or hydrocarbon odor (5-90-5).	
				0.0		SP		Damp, very dense, medium to fine SAND with silt and gravel, brown, no solvent or hydrocarbon odor (5-85-10).	
				0.0		SP		Wet, very dense, medium to fine SAND with gravel and silt, brown, no solvent or hydrocarbon odor (5-75-20).	
35			100	0.0		SP		Wet, very dense, medium to fine SAND with gravel and silt, brown, no solvent or hydrocarbon odor (5-75-20).	
				0.0	B102-38	SP		Wet, very dense, medium to fine SAND with silt and gravel, brown, no solvent or hydrocarbon odor (10-80-10).	
						SM-ML		Moist, hard, fine sandy SILT, brown, no solvent or hydrocarbon odor (50-50-0).	
40				1.1	B102-40	SM-ML		Damp, hard, fine sandy SILT, gray, no solvent or hydrocarbon odor (50-50-0).	
				0.6		SM-ML		Damp, hard, fine sandy SILT with gravel, cohesive, gray (40-50-10).	
				34.9					
				51.0		SM		Damp, very dense, silty fine SAND with gravel, cohesive, gray (40-50-10).	
45									

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 125 feet bgs  
**Total Well Depth:** 125 feet bgs  
**State Well ID No.:** BCK 015

**Well/Auger Diameter:** 1/8,6 inches  
**Well Screened Interval:** 115 to 125 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** Flush mount

**Notes/Comments:**



**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 7/17/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 13.5' north of northern-most northeast corner of 700 Dexter  
**Well Location E/W:** 10.0' east of northern-most northeast corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 7/24/2012

**BORING LOG** | **B102**  
 MW102

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 28 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						SM-ML		Moist, hard, fine sandy SILT, gray, no solvent or hydrocarbon odor (50-50-0).	
				147.5		SP-SM		Moist, very dense, medium to fine SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
				202					
				39.8	B102-49	SM-ML		Damp, very dense, silty fine SAND with gravel, cohesive, gray (40-50-10).	
50				42.9		SM-ML		Moist, very dense, silty fine SAND, gray, no solvent or hydrocarbon odor (40-50-10).	
			100	14.2		SM-ML		Dry, very dense, silty fine SAND, gray, no solvent or hydrocarbon odor (40-45-15).	
				73.7		SM-ML		Dry, very dense, silty fine SAND, gray no solvent or hydrocarbon odor (40-45-15).	
55						SM-ML		Dry, very dense, silty fine SAND, gray, no solvent or hydrocarbon odor (40-50-10).	
			100			SP-SM		Damp, very dense, fine SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
60					B102-60	SP-SM		Damp, very dense, fine SAND with silt and gravel, gray, 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:** 125 feet bgs  
**Total Well Depth:** 125 feet bgs  
**State Well ID No.:** BCK 015

**Well/Auger Diameter:** 1/8,6 inches  
**Well Screened Interval:** 115 to 125 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** Flush mount

**Notes/Comments:**



**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 7/17/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 13.5' north of northern-most northeast corner of 700 Dexter  
**Well Location E/W:** 10.0' east of northern-most northeast corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 7/24/2012

**BORING LOG** | **B102**  
 MW102

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 28 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				134.7		SP-SM		Damp, very dense, fine SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
				116.0		SM-ML		Damp, very dense, silty fine SAND and gravel, cohesive, gray, no solvent or hydrocarbon odor (45-50-5).	
65			100	43.0		SM-ML		Damp, very dense, silty fine SAND and gravel, cohesive, gray, no solvent or hydrocarbon odor (45-50-5).	
				54.6		SM-ML		Damp, very dense, silty fine SAND, gray no solvent or hydrocarbon odor (50-50-0).	
70				42.0	B102-70	SM-ML		Damp, very dense, silty fine SAND, gray, no solvent or hydrocarbon odor (50-50-0).	
				24.9		SM-ML		Dry, very dense, silty fine SAND and gravel, gray, no solvent or hydrocarbon odor (45-50-5).	
						SM-ML		Dry, very dense, SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (50-45-5).	
75						SM-ML		Dry, very dense, SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (50-45-5).	

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 125 feet bgs  
**Total Well Depth:** 125 feet bgs  
**State Well ID No.:** BCK 015

**Well/Auger Diameter:** 1/8.6 inches  
**Well Screened Interval:** 115 to 125 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** Flush mount

**Notes/Comments:**



**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 7/17/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 13.5' north of northern-most northeast corner of 700 Dexter  
**Well Location E/W:** 10.0' east of northern-most northeast corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 7/24/2012

**BORING LOG** | **B102**  
 MW102

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 28 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-ML		Wet, very dense, SILT with fine sand, gray, no solvent or hydrocarbon odor (50-50-0).	
			100	0.0		SM-ML		Wet, very dense, SILT with fine sand, gray, no solvent or hydrocarbon odor (50-50-0).	
				1.5		SM-ML		Wet, very dense, SILT with fine sand, gray, no solvent or hydrocarbon odor (50-50-0).	
80				0.4	B102-80	SM-ML		Dry, very dense, SILT with fine sand, gray no solvent or hydrocarbon odor (50-50-0).	
				0.4		SM-ML		Dry, very dense, SILT with fine sand and trace gravel, gray, no solvent or hydrocarbon odor (50-45-5).	
				0.6		ML		Moist, very dense, SILT with fine sand, cohesive, gray, no solvent or hydrocarbon odor (60-35-5).	
85			100	0.6		SM-ML		Moist, very dense, SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (50-45-5).	
				0.4		SM-ML		Moist, hard fine sandy SILT, gray, no solvent or hydrocarbon odor (60-40-0).	
				0.6		SM-ML		Moist, hard, fine sandy SILT, cohesive, gray, no solvent or hydrocarbon odor (60-40-0).	
90					B102-90				

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 125 feet bgs  
**Total Well Depth:** 125 feet bgs  
**State Well ID No.:** BCK 015

**Well/Auger Diameter:** 1/8.6 inches  
**Well Screened Interval:** 115 to 125 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** Flush mount

**Notes/Comments:**



**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 7/17/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 13.5' north of northern-most northeast corner of 700 Dexter  
**Well Location E/W:** 10.0' east of northern-most northeast corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 7/24/2012

**BORING LOG | B102 MW102**

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 28 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			25	0.2		ML		Moist, very dense, SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (55-40-5). Sampler plugged with a large rock; no recovery 92.5 to 100 feet bgs.  No recovery. Material returned from approximately 95 to 100 feet bgs from previously stuck/dropped sampler: wet, medium to coarse, sand with silt and trace gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
95			25			SP-SM			
100				0.9	B102-100	SP-SM		Moist, medium to coarse SAND with trace silt, gray, no solvent or hydrocarbon odor (5-95-0).	
105				1.1		SP-SM		Wet, coarse to medium SAND with silt and trace gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
						SP-SM		Wet, coarse to medium SAND with silt and trace gravel, gray, 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:** 125 feet bgs  
**Total Well Depth:** 125 feet bgs  
**State Well ID No.:** BCK 015

**Well/Auger Diameter:** 1/8.6 inches  
**Well Screened Interval:** 115 to 125 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** Flush mount

**Notes/Comments:**





**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 7/17/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 13.5' north of northern-most northeast corner of 700 Dexter  
**Well Location E/W:** 10.0' east of northern-most northeast corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 7/24/2012

**BORING LOG** | **B102**  
 MW102

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 28 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			100	0.9	B102-110	SP-SM		Wet, coarse to medium SAND with silt, gray, no solvent or hydrocarbon odor (15-85-0).	
				0.7		SP-SM		Wet, coarse to medium SAND with silt and trace gravel, gray no solvent or hydrocarbon odor (15-80-5).	
				0.7		SP-SM		Wet, coarse to medium SAND with silt and trace gravel, gray, no solvent or hydrocarbon odor (15-80-5). Siltier zones present (3 inches thick or less): wet, silty coarse to medium sand with gravel, gray, no solvent or hydrocarbon odor (20-75-5).	
110			50	1.6	B102-120	SP-SM		Wet, dense, coarse to medium SAND with silt, gray, no solvent or hydrocarbon odor (15-80-5).	
				1.6		SP-SM		Wet, dense, medium to fine SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
115			100	0.4		SP-SM		Wet, dense, medium to fine SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
				0.4		SP-SM		Wet, dense, medium to fine SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-80-10).	
				0.2		SP-SM		Wet, dense, medium to fine SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-80-10).	
				0.2		SP-SM		Wet, dense, medium to coarse SAND with gravel and silt, gray, no solvent or hydrocarbon odor (10-75-15).	
120						SP-SM		Wet, dense, coarse to medium SAND with gravel and silt, 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:** 125 feet bgs  
**Total Well Depth:** 125 feet bgs  
**State Well ID No.:** BCK 015

**Well/Auger Diameter:** 1/8.6 inches  
**Well Screened Interval:** 115 to 125 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** Flush mount

**Notes/Comments:**



**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 7/17/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 13.5' north of northern-most northeast corner of 700 Dexter  
**Well Location E/W:** 10.0' east of northern-most northeast corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 7/24/2012

**BORING LOG** | **B102**  
 MW102

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 28 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	0.4		SW-GW		Wet, dense, GRAVEL with sand and silt, gray, no solvent or hydrocarbon odor (10-55-35).	
			100	0.7		SM-GM		Damp, very dense, gravelly silty SAND, gray, no solvent or hydrocarbon odor (25-30-45).	
			100	0.4		SW-GW		Wet, dense, gravelly SAND with silt, gray, no solvent or hydrocarbon odor.	
				0.4		SW-GW		Wet, dense, gravelly SAND with silt, gray, no solvent or hydrocarbon odor (10-50-40).	
125								<p>Boring terminated at 125 feet bgs. Two-inch-diameter well installed to a depth of 125 feet bgs, screened from 115 to 125 feet bgs, with silica sand from 113 to 125 feet bgs, bentonite seal from 103 to 113 feet bgs, bentonite grout from 5 to 103 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW102.</p>	
130									
135									

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 125 feet bgs  
**Total Well Depth:** 125 feet bgs  
**State Well ID No.:** BCK 015

**Well/Auger Diameter:** 1/8,6 inches  
**Well Screened Interval:** 115 to 125 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** Flush mount

**Notes/Comments:**



**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 7/25/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 108.5' north of southeast corner of Seattle Light building  
**Well Location E/W:** 6.6' east of southeast corner of Seattle Light building  
**Reviewed by:** CCC  
**Date Completed:** 7/27/2012

**BORING LOG | B103**  
**MW103**

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 19 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				0.6		Concrete		2 inches of concrete.	
				0.2		SM (FILL)		Damp, dense, silty SAND with gravel and wood debris, dark gray (30-60-10). Fill material.	
			50	0.0		FILL		Wood debris.	
						SM (FILL)		No recovery.	
5				0.0		SM (FILL)		Damp, dense, silty SAND with gravel and brick, metal, porcelain, and wood debris, dark brown to dark gray (30-60-10). Fill material.	
			100	0.2		SM (FILL)		Damp, dense, silty SAND with gravel and brick, metal, porcelain, and wood debris, dark brown to dark gray. No solvent or hydrocarbon odor (30-60-10). Fill material.	
				0.2		SM (FILL)		Damp, dense, silty SAND with gravel, wood and metal debris, dark brown, no solvent or hydrocarbon odor (30-60-10). Fill material.	
10				0.0	B103-10	SM (FILL)		Damp, dense, silty SAND with gravel and wood waste, dark brown, no solvent or hydrocarbon odor (30-60-10). Fill material.	
				0.4		SM (FILL)		Damp, dense, silty SAND with gravel and wood waste, dark brown, no solvent or hydrocarbon odor (30-60-10). Fill material.	
			100	0.7		SM (FILL)		Damp, dense, silty SAND with gravel and wood waste, dark brown, no solvent or hydrocarbon odor (30-60-10). Fill material.	
				0.4		SM (FILL)		Damp, dense, silty SAND with gravel and wood waste, dark brown, no solvent or hydrocarbon odor (30-60-10). Fill material.	
15				0.4		SM (FILL)		Damp, dense, silty SAND with gravel and wood waste, dark brown, no solvent or hydrocarbon odor (30-60-10). Fill material.	

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:** BCK 016

**Well/Auger Diameter:** 2/8,6 inches  
**Well Screened Interval:** 105 to 114 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silicon 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:** 7/25/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 108.5' north of southeast corner of Seattle Light building  
**Well Location E/W:** 6.6' east of southeast corner of Seattle Light building  
**Reviewed by:** CCC  
**Date Completed:** 7/27/2012

**BORING LOG** | **B103**  
 MW103

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 19 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				1.1		SP		Damp, dense, fine to medium SAND with trace silt, gray, no solvent or hydrocarbon odor (5-95-0).	
			100	3.9					
				5.6	B103-18	SM		Moist, dense, silty SAND with gravel, gray, moderate hydrocarbon odor (15-65-20).	
				4.9		SM		Wet, dense, silty SAND with gravel, gray, moderate hydrocarbon odor (15-65-20).	
20				4.9		SM		Moist, dense, silty SAND with gravel, gray, slight hydrocarbon odor (15-65-20).	
			100	3.3					
				0.7		SM		Moist, dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (25-60-5).	
				0.4					
25				0.0		SM		Wet, dense, silty SAND, gray, no solvent or hydrocarbon odor (30-70-0).	
			100	0.0		SM		Wet, dense, silty SAND, gray, no solvent of hydrocarbon odor (30-70-0).	
				0.0		SM-ML		Wet, loose, silt with fine SAND, gray, no solvent or hydrocarbon odor (55-45-0).	
30				0.0		SM-ML		Wet, loose, silt with fine SAND, gray, no solvent or hydrocarbon odor (55-45-0).	

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:** BCK 016

**Well/Auger Diameter:** 2/8,6 inches  
**Well Screened Interval:** 105 to 114 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silicon 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:** 7/25/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 108.5' north of southeast corner of Seattle Light building  
**Well Location E/W:** 6.6' east of southeast corner of Seattle Light building  
**Reviewed by:** CCC  
**Date Completed:** 7/27/2012

**BORING LOG** | **B103**  
 MW103

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 19 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	B103-30	SM		Wet, loose, silty fine SAND with gravel and wood debris, gray, no solvent or hydrocarbon odor (25-60-15).	
			100	0.0		SM		Wet, loose, silty fine SAND with grave and wood debris, gray, no solvent or hydrocarbon odor (25-60-15).	
35				0.0		SP-SM		Wet, loose, fine to medium 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, gray, no solvent or hydrocarbon odor (10-90-0).	
40				0.0	B103-40	SP-SM		Moist, loose, fine to medium SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
				6.1		SP-SM			
			100	9.2		SP-SM			
				5.6		SP-SM		Moist, loose, fine to medium SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
45				14.4		SP-SM		Moist, dense, fine to medium SAND with silt and gravel, gray, 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:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:** BCK 016

**Well/Auger Diameter:** 2/8,6 inches  
**Well Screened Interval:** 105 to 114 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silicon 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:** 7/25/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 108.5' north of southeast corner of Seattle Light building  
**Well Location E/W:** 6.6' east of southeast corner of Seattle Light building  
**Reviewed by:** CCC  
**Date Completed:** 7/27/2012

**BORING LOG** | **B103**  
 MW103

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 19 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					B103-45	SM-ML		Damp, very dense, fine sandy SILT with gravel, cohesive, gray, no solvent or hydrocarbon odor (45-45-10).	
			100	3.6					
				4.6					
				2.1					
				0.7		SM-ML		Damp, very dense, fine sandy SILT with gravel, cohesive, gray, no solvent or hydrocarbon odor (45-45-10).	
50						SM-ML		Damp, very dense, fine sandy SILT with gravel, cohesive, gray, no solvent or hydrocarbon odor (45-45-10).	
				0.0					
			100	2.6					
				0.0		SM-ML		Dry, very dense, fine sandy SILT with gravel, cohesive, gray, no solvent or hydrocarbon odor (45-45-10).	
55					B103-55	SM-ML		Dry, very dense, SILT with fine sand with gravel, cohesive, gray, no solvent or hydrocarbon odor (45-45-10).	
				0.5		SM-ML		Damp, very dense, silty gravelly SAND, dark gray, no solvent or hydrocarbon odor (35-35-30).	
				0.2		SM-ML		Damp, very dense, silty gravelly SAND, dark gray, no solvent or hydrocarbon odor (35-35-30).	
			100	0.0					
				0.2		SM-ML		Moist, very dense, silty gravelly SAND, dark gray, no solvent or hydrocarbon odor (35-35-30).	
60									

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:** BCK 016

**Well/Auger Diameter:** 2/8,6 inches  
**Well Screened Interval:** 105 to 114 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silicon 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:** 7/25/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 108.5' north of southeast corner of Seattle Light building  
**Well Location E/W:** 6.6' east of southeast corner of Seattle Light building  
**Reviewed by:** CCC  
**Date Completed:** 7/27/2012

**BORING LOG** | **B103**  
 MW103

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 19 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	B103-62.5	GM		Damp, very dense, silty GRAVEL with fine sand, dark gray, no solvent or hydrocarbon odor (30-20-50).	
				0.0		GM		Damp, very dense, silty GRAVEL with fine sand, dark gray, no solvent or hydrocarbon odor (30-20-50).	
			100	0.0		SM-ML		Damp, very dense, fine sandy SILT with gravel, dark gray, no solvent or hydrocarbon odor (45-45-10).	
				0.0		SM-ML		Dry, very dense, silty gravelly SAND, dark gray, no solvent or hydrocarbon odor (35-35-30).	
65				0.0		SM-ML		Moist, very dense, fine sandy SILT with gravel, dark gray, no solvent or hydrocarbon odor (40-40-20).	
			100	0.0		SM-ML			
				0.0		SM-ML		Moist, very dense, fine sandy SILT to fine SAND with gravel, dark gray, no solvent or hydrocarbon odor (40-40-20).	
70				0.0		GM		Damp, very dense, silty GRAVEL with fine sand, dark gray, no solvent or hydrocarbon odor (30-20-50).	
				0.0	SM-ML		Damp, very dense, silty gravelly SAND, dark gray, no solvent or hydrocarbon odor (35-35-30).		
				0.0	SM-ML		Damp, very dense, silty gravelly SAND, dark gray, no solvent or hydrocarbon odor (35-35-30).		
75				0.0					

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:** BCK 016

**Well/Auger Diameter:** 2/8,6 inches  
**Well Screened Interval:** 105 to 114 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silicon 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:** 7/25/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 108.5' north of southeast corner of Seattle Light building  
**Well Location E/W:** 6.6' east of southeast corner of Seattle Light building  
**Reviewed by:** CCC  
**Date Completed:** 7/27/2012

**BORING LOG** | **B103**  
 MW103

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 19 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					B103-75	GM		Moist, very dense, silty GRAVEL with fine sand, dark gray, no solvent or hydrocarbon odor (30-20-50).	
			100	0.0		GM		Dry, very dense, silty GRAVEL with fine sand, dark gray, no solvent or hydrocarbon odor (30-20-50).	
				0.0		GM		Moist, very dense, silty GRAVEL with fine sand, dark gray, no solvent or hydrocarbon odor (30-20-50).	
80				0.0		SM		Moist, very dense, silty medium to fine SAND with gravel, brown, no solvent or hydrocarbon odor (20-55-25).	
			100	0.0		SM		Moist, very dense, silty medium SAND with trace gravel, brown, no solvent or hydrocarbon odor (15-80-5).	
				1.0	B103-83	SM		Moist, very dense, silty medium SAND with trace gravel, brown, no solvent or hydrocarbon odor (15-80-5).	
				0.0		SP-SM		Wet, dense, medium to coarse SAND with little silt, brown, no solvent or hydrocarbon odor (10-90-0).	
85				0.0		SM		Moist, very dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (30-50-20).	
			100	0.0		SM		Moist, very dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (30-50-20).	
				0.7		SM		Moist, very dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (30-50-20).	
				0.2		SM		Moist, very dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (30-50-20).	
90									

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:** BCK 016

**Well/Auger Diameter:** 2/8,6 inches  
**Well Screened Interval:** 105 to 114 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silicon sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite grout  
**Monument Type:** Flush mount

**Notes/Comments:**  
  
 Page: 6 of 8





**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 7/25/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 108.5' north of southeast corner of Seattle Light building  
**Well Location E/W:** 6.6' east of southeast corner of Seattle Light building  
**Reviewed by:** CCC  
**Date Completed:** 7/27/2012

**BORING LOG** | **B103**  
 MW103

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 19 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		SM		Damp, very dense, silty medium SAND with trace gravel, gray, no solvent or hydrocarbon odor (35-60-5).	
			100	0.0		SM		Moist, very dense, silty, medium to fine SAND, dark gray, no solvent or hydrocarbon odor (20-80-0).	
				0.0	B103-95	SM		Moist, very dense, silty medium to fine SAND, dark gray, no odor (20-80-0).	
95				0.0		SP-SM		Wet, dense, coarse to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-75-15).	
				0.2		SP-SM		Wet, dense, coarse to medium SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-70-20).	
				0.0		SP-SM		Wet, dense, medium SAND with coarse to fine sand and silt and gravel, dark gray, no solvent or hydrocarbon odor (10-80-10).	
			100	0.2		SP-SM			
100				0.5		SP-SM		Wet, dense, medium SAND with fine to coarse sand with silt and gravel, dark gray, no solvent or hydrocarbon odor (10-80-10).	
				0.5		SP-SM			
				0.5		SP-SM			
				0.5		SP-SM			
105				0.0		SP-SM		Wet, dense, medium SAND with fine to coarse sand and silt and gravel, dark gray (10-80-10).	

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:** BCK 016

**Well/Auger Diameter:** 2/8,6 inches  
**Well Screened Interval:** 105 to 114 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silicon 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:** 7/25/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 108.5' north of southeast corner of Seattle Light building  
**Well Location E/W:** 6.6' east of southeast corner of Seattle Light building  
**Reviewed by:** CCC  
**Date Completed:** 7/27/2012

**BORING LOG** | **B103**  
 MW103

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 19 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	B103-105	SP-SM		Wet, dense, coarse to medium SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-65-25).	
				0.0		SP-SM		Wet, dense, coarse to medium SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-75-15).	
110			100	0.0		SP-SM		Wet, dense, coarse to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-65-25).	
				0.0	B103-113	SM		Damp, very dense, silty SAND with gravel, dark gray, no solvent or hydrocarbon odor (25-50-25).	
115								Boring terminated at 115 feet bgs. Two-inch-diameter well installed to a depth of 114 feet bgs, screened from 103.5 to 114 feet bgs, with sand from 101.5 to 115 feet bgs, bentonite seal from 91.5 to 101.5, bentonite grout from 5 to 91.5 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW103.	
120									

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:** BCK 016

**Well/Auger Diameter:** 2/8,6 inches  
**Well Screened Interval:** 105 to 114 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** Colorado silicon 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:** 7/30/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 69.7' south of most easterly NE corner of 700 Dexter  
**Well Location E/W:** 16.7' east of the most easterly NE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 8/2/2012

**BORING LOG** | **B104**  
 MW104

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 17 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		9 inches of concrete surfacing.  Boring cleared with vector truck to a depth of 9 feet bgs.	
10				0.0	B104-10	SM		Damp, dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (15-65-20).	
			100	0.0		SM		Damp, dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (15-65-20).	
15				0.0					

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 130 feet bgs  
**Total Well Depth:** 129 feet bgs  
**State Well ID No.:** BCK 017

**Well/Auger Diameter:** 2/10,8,6 inches  
**Well Screened Interval:** 119 to 129 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:** 7/30/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 69.7' south of most easterly NE corner of 700 Dexter  
**Well Location E/W:** 16.7' east of the most easterly NE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 8/2/2012

**BORING LOG** | **B104**  
 MW104

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 17 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		MH		Wet, soft, silty CLAY with sand and gravel and wood debris, consistency of wet grout, brownish gray, no solvent or hydrocarbon odor (60-20-20).	
			100	0.0		MH		Wet, soft, silty CLAY with sand and gravel and wood debris, consistency of wet grout, brownish gray, no solvent or hydrocarbon odor (60-20-20).	
				0.0					
20				0.0	B104-20	MH		Wet, soft, silty CLAY with sand and gravel, consistency of wet grout, gray, no solvent or hydrocarbon odor (60-20-20).	
				0.0		MH		Wet, soft, silty CLAY with sand and gravel, consistency of wet grout, gray, no solvent or hydrocarbon odor (60-30-10).	
				0.0					
				0.0		SM		Wet, loose, silty SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
25				0.0		SM		Wet, loose, silty fine SAND with clay and gravel and wood debris, gray, no solvent or hydrocarbon odor (35-55-10).	
			100	0.0					
				0.0					
				0.0		SM		Wet, loose, silty medium SAND with gravel, brown, no solvent or hydrocarbon odor (20-60-20).	
				0.0					
30									

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 130 feet bgs  
**Total Well Depth:** 129 feet bgs  
**State Well ID No.:** BCK 017

**Well/Auger Diameter:** 2/10,8,6 inches  
**Well Screened Interval:** 119 to 129 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:** 7/30/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 69.7' south of most easterly NE corner of 700 Dexter  
**Well Location E/W:** 16.7' east of the most easterly NE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 8/2/2012

**BORING LOG** | **B104**  
 MW104

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 17 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	B104-30	SM		Wet, loose, silty SAND with gravel, brown, no solvent or hydrocarbon odor (20-65-15).	
				0.5		SM		Moist, dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (20-70-10).	
				28.0		SM		Moist, dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
35				37.5		SM		Damp, dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
		100		3.6	B104-36	SM-ML		Dry, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (40-40-20).	
				0.0		SM-ML			
				0.2		SM-ML		Dry, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (40-40-20).	
40				0.5		SM-ML		Dry, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (40-45-15).	
				0.8		SM-ML			
		100		0.8		SM-ML		Dry, very dense, silty SAND with gravel, cohesive, gray, no odor (40-40-20).	
				1.4		SM-ML		Dry, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (40-40-20).	
45									

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 130 feet bgs  
**Total Well Depth:** 129 feet bgs  
**State Well ID No.:** BCK 017

**Well/Auger Diameter:** 2/10,8,6 inches  
**Well Screened Interval:** 119 to 129 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:** 7/30/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 69.7' south of most easterly NE corner of 700 Dexter  
**Well Location E/W:** 16.7' east of the most easterly NE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 8/2/2012

**BORING LOG** | **B104**  
 MW104

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 17 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				1.1		SM-ML		Moist, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-45-15).	
				0.8					
				0.8		SM-ML		Moist, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
				0.5		SM-ML		Dry, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-40-20).	
50				0.3	B104-50	SM		Damp, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (35-55-10).	
			100	0.6		SM		Moist to wet, dense, silty medium to fine SAND with gravel, gray, no solvent or hydrocarbon odor (30-65-5).	
				0.3					
				0.0		SM		Damp, silty, fine SAND with gravel, gray, no solvent or hydrocarbon odor (35-60-5).	
55				2.1		SM		Wet, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (35-50-15).	
				2.1					
			100	0.9		SM		Wet, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (40-55-5).	
				2.7		SM-ML		Wet, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (45-50-5).	
60					B104-60				

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 130 feet bgs  
**Total Well Depth:** 129 feet bgs  
**State Well ID No.:** BCK 017

**Well/Auger Diameter:** 2/10,8,6 inches  
**Well Screened Interval:** 119 to 129 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:** 7/30/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 69.7' south of most easterly NE corner of 700 Dexter  
**Well Location E/W:** 16.7' east of the most easterly NE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 8/2/2012

**BORING LOG | B104 MW104**

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 17 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			100	2.1		SM		Dry, very dense, silty fine SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (40-55-5).	
				1.8					
				0.6					
				0.6		SM-ML		Dry, very dense, SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (50-45-5).	
65			100	0.6					
				0.6					
				0.9		SM		Dry, very dense, silty fine SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (40-55-5).	
				1.3	B104-69				
70				0.6		SM		Dry, very dense, silty fine SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (40-50-10).	
				0.0					
				0.9		SM-ML		Dry, very dense, silty fine SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (45-50-5).	
				0.9					
75									

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 130 feet bgs  
**Total Well Depth:** 129 feet bgs  
**State Well ID No.:** BCK 017

**Well/Auger Diameter:** 2/10,8,6 inches  
**Well Screened Interval:** 119 to 129 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:** 7/30/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 69.7' south of most easterly NE corner of 700 Dexter  
**Well Location E/W:** 16.7' east of the most easterly NE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 8/2/2012

**BORING LOG** | **B104**  
 MW104

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 17 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			100	0.3	B104-80	SM-ML		Dry, very dense, silty SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (45-50-5).	
				0.3		SM		Damp, very dense, silty fine SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (40-50-10).	
			0.0	SM				Damp, very dense, silty fine SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (40-50-10).	
80			0.0				SM		
			100	0.0			SM		
			0.0	SM-ML				Wet, very dense, silty fine SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (45-50-5).	
			0.0			SM-ML			
			100	0.3		SM-ML		Wet, very dense, silty fine SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (45-50-5).	
85			0.6	SM-ML				Dry, very dense, silty fine SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (45-50-5).	
			0.9				SM-ML		
			100	0.9	SM		Dry, very dense, silty fine SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (40-50-10).		
90			0.9	SM			Dry, very dense, silty fine SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (40-50-10).		

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 130 feet bgs  
**Total Well Depth:** 129 feet bgs  
**State Well ID No.:** BCK 017

**Well/Auger Diameter:** 2/10,8,6 inches  
**Well Screened Interval:** 119 to 129 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:** 7/30/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 69.7' south of most easterly NE corner of 700 Dexter  
**Well Location E/W:** 16.7' east of the most easterly NE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 8/2/2012

**BORING LOG | B104**  
**MW104**

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 17 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				0.9		SM		Damp, very dense, silty fine SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (40-50-10).	
			100	1.2		SM		Damp, very dense, silty medium to fine SAND with gravel, cohesive, dark gray (30-60-10).	
				0.0		SM		Damp, very dense, silty medium to fine SAND with trace gravel, dark gray, no solvent or hydrocarbon odor (30-65-5).	
				0.6		SM		Damp, very dense, silty medium to fine SAND, cohesive, dark gray (30-70-0).	
95				0.0		SM		Wet, dense, silty medium to fine SAND with gravel, gray, no solvent or hydrocarbon odor (30-55-15).	
			100	0.0		SM		Wet, dense, silty medium to fine SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (25-65-10).	
				0.0		SM		Wet, dense, silty coarse to fine SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (30-60-10).	
				0.0		SP-SM		Wet, dense, fine to medium SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
				0.0	B104-100	SM		Moist, dense, silty fine SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (30-65-5).	
100				0.0		SP-SM		Wet, dense, medium to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
				0.3					
			100	0.3		SP-SM		Wet, dense, medium to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-80-10).	
				0.3		SP-SM		Wet, dense, medium to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-65-25).	
				0.0		SP-SM		Wet, dense, medium to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-65-25).	
105									

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 130 feet bgs  
**Total Well Depth:** 129 feet bgs  
**State Well ID No.:** BCK 017

**Well/Auger Diameter:** 2/10,8,6 inches  
**Well Screened Interval:** 119 to 129 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:** 7/30/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 69.7' south of most easterly NE corner of 700 Dexter  
**Well Location E/W:** 16.7' east of the most easterly NE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 8/2/2012

**BORING LOG | B104 MW104**

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 17 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		Wet, dense, coarse to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-65-25).	
				0.0					
				0.0					
				0.0					
110				0.3	B104-110	SM		Moist, dense, silty fine SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (30-55-15).	
				0.0		SP-SM		Wet, dense, coarse to fine SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (10-70-20).	
				0.0		SM		Wet, dense, silty fine SAND with gravel, cohesive, dark gray, no solvent or hydrocarbon odor (30-55-15).	
				0.0		SP-SM		Wet, dense, coarse to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-70-20).	
				0.0		SP-SM		Wet, dense, coarse to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-70-20).	
115				0.0		SP-SM		Wet, dense, coarse to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-65-25).	
				0.0					
				0.0					
				0.0		SP-SM		Wet, dense, coarse to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-65-25).	
				0.0					
120				0.0	B104-120	SM		Moist, dense, silty fine SAND with gravel, dark gray, 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:** 130 feet bgs  
**Total Well Depth:** 129 feet bgs  
**State Well ID No.:** BCK 017

**Well/Auger Diameter:** 2/10,8,6 inches  
**Well Screened Interval:** 119 to 129 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 9**



**Project:** 700 Dexter Property  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 7/30/2012  
**Surface Conditions:** Concrete  
**Well Location N/S:** 69.7' south of most easterly NE corner of 700 Dexter  
**Well Location E/W:** 16.7' east of the most easterly NE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 8/2/2012

**BORING LOG** | **B104**  
 MW104

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 17 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						SP-SM		Wet, dense, coarse to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-75-15).	
						SP-SM		Wet, dense, coarse to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-70-20).	
125						SP-SM		Wet, dense, coarse to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-70-20).	
						SP-SM		Wet, dense, coarse to fine SAND with gravel and silt, dark gray, no solvent or hydrocarbon odor (10-70-20).	
						ML		Dry, very dense, silt with fine SAND and gravel, cohesive, gray, no solvent or hydrocarbon odor (50-25-25).	
130					B104-130	ML		Dry, very dense, silt with fine SAND and gravel, cohesive, gray, no solvent or hydrocarbon odor (50-25-25).	
135								<p>Boring terminated at 130 feet bgs. Two-inch diameter well installed to a depth of 129 feet bgs, screened from 119 to 129 feet bgs, with silica sand from 117 to 130 feet bgs, bentonite seal from 107 to 117 feet bgs, bentonite grout from 5 to 107 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW104.</p>	

**Drilling Co./Driller:** Major Drilling/Dan  
**Drilling Equipment:** LAR Sonic  
**Sampler Type:** Core Barrel  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 130 feet bgs  
**Total Well Depth:** 129 feet bgs  
**State Well ID No.:** BCK 017

**Well/Auger Diameter:** 2/10,8,6 inches  
**Well Screened Interval:** 119 to 129 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
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		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:**



**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:**





**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).	
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:**



**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								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				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).	
		100		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		Damp, dense, fine to medium SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (10-80-10).	
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 (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).	
				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, 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).	
				0.0		SM		Damp, very dense, silty SAND with gravel, dark gray cohesive, no solvent or hydrocarbon odor (35-55-10).	
			100	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).	

**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).	
				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).	
				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).	
				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).	
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			100	0.0	B106-120	SP-SM		Wet, dense, medium SAND gravel with silt, dark gray, no solvent or hydrocarbon odor (10-70-10).	
				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).	
				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		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).		
140								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	
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 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:** 12/03/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 89' N of SE corner of 700 Dexter  
**Well Location E/W:** 7.5' E of SE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 12/03/12

**BORING LOG** | **B107**  
 MW107

**Site Address:** 700 Dexter Avenue  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 feet bgs  
**Water Depth After Completion** 17.35 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0								4" Concrete surfacing.	
5	2 1 1		20	1.5	B107-05	SP-SM (FILL)		Damp, very loose, medium to fine SAND with gravel and fill debris, brown, no solvent or hydrocarbon odor (10-80-10) (FILL).	
10	35 8 7		100	0.0		MH		Damp, stiff, SILT with fine sand and gravel, light brown, no solvent or hydrocarbon odor (60-30-10).	
15									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** 45 feet bgs  
**State Well ID No.:** BHS 773

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 35-45 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:** 12/03/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 89' N of SE corner of 700 Dexter  
**Well Location E/W:** 7.5' E of SE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 12/03/12

**BORING LOG** | **B107**  
 MW107

**Site Address:** 700 Dexter Avenue  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 feet bgs  
**Water Depth After Completion** 17.35 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15	7	7	100	1.5	B107-15	MH		Moist, stiff, SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (60-30-10).	
	7					SM-MH		Damp, medium dense, silty SAND with gravel, wood waste, and rootlets, slightly plastic, shoreline sediments, dark brown, no solvent or hydrocarbon odor (45-45-10).	
	7								
20	10	10	100	2.0		SM		Damp, medium dense, silty fine to medium SAND, gray, no solvent or hydrocarbon odor (35-65-0).	
	10								
	15								
25	7	7	100	3.6	B107-25	SP-SM		Wet, medium dense, medium to fine SAND with silt and gravel, brown, no solvent or hydrocarbon odor (15-75-10).	
	8								
	9								
30									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** 45 feet bgs  
**State Well ID No.:** BHS 773

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 35-45 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:** 12/03/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 89' N of SE corner of 700 Dexter  
**Well Location E/W:** 7.5' E of SE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 12/03/12

**BORING LOG** | **B107**  
 MW107

**Site Address:** 700 Dexter Avenue  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 feet bgs  
**Water Depth After Completion** 17.35 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30	20-25		90	22.0		SM		Wet, dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (35-55-10).	
35	50/6"		33	82.1	B107-35	SM		Wet, very dense, silty medium to fine SAND with gravel, gray, no solvent or hydrocarbon odor (25-65-10).	
40	50/6"		33	20.2		SM		Wet, very dense, silty medium to fine SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (25-65-10).	
45									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** 45 feet bgs  
**State Well ID No.:** BHS 773

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 35-45 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:** 12/03/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 89' N of SE corner of 700 Dexter  
**Well Location E/W:** 7.5' E of SE corner of 700 Dexter  
**Reviewed by:** CCC  
**Date Completed:** 12/03/12

**BORING LOG** | **B107**  
 MW107

**Site Address:** 700 Dexter Avenue  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 feet bgs  
**Water Depth After Completion** 17.35 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45	X	50/6"	33	2.5	B107-45	SM		<b>Damp, very dense, silty fine SAND with trace gravel, gray, no solvent or hydrocarbon odor (30-65-5).</b>  <b>Boring terminated at 45.5 feet bgs. Two-inch-diameter well installed to a depth of 45 feet bgs, screened from 35 to 40 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW107.</b>	
50									
55									
60									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** 45 feet bgs  
**State Well ID No.:** BHS 773

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 35-45 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:** 12/14/12  
**Surface Conditions:** concrete  
**Well Location N/S:** 10.8' S of NW corner Seattle Ducati building  
**Well Location E/W:** 14' W of NW corner of Seattle Ducati building  
**Reviewed by:** CCC  
**Date Completed:** 12/14/12

**BORING LOG** | **B108**  
 MW108

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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								6" Concrete surfacing.	
								Cleared borehole with a vector truck to a depth of 9 feet below ground surface.	
10	5-8	5	50	3.4		SM (FILL)		Damp, medium dense, silty SAND with Fill debris, black, no solvent or hydrocarbon odor. (FILL).	
15									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA LAR  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BHS765

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 40-50 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:** 12/14/12  
**Surface Conditions:** concrete  
**Well Location N/S:** 10.8' S of NW corner Seattle Ducati building  
**Well Location E/W:** 14' W of NW corner of Seattle Ducati building  
**Reviewed by:** CCC  
**Date Completed:** 12/14/12

**BORING LOG** | **B108**  
 MW108

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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	3-5		60	2.1	B108-15	SM		Wet, loose, silty SAND with gravel and wood waste, dark gray, no solvent or hydrocarbon odor (35-55-10) (FILL).	
20	4-5		80	0.3		SM		Wet, loose, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
25	7-9		80	0.3	B108-25	SM-ML		Moist, medium dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
30									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA LAR  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BHS765

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 40-50 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: | **2 of 4**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/14/12  
**Surface Conditions:** concrete  
**Well Location N/S:** 10.8' S of NW corner Seattle Ducati building  
**Well Location E/W:** 14' W of NW corner of Seattle Ducati building  
**Reviewed by:** CCC  
**Date Completed:** 12/14/12

**BORING LOG** | **B108**  
 MW108

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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	12-14-17		100	0.0		SM		Wet, dense, silty fine SAND, gray, no solvent or hydrocarbon odor (40-60-0). Lacostrine sediments.	
	17-20-23		100	0.3		SM		Wet, dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (40-60-0). Lacostrine sediments.	
35	50/6"		100	0.0	B108-35	MH		Wet, very dense, SILT with fine sand, plastic, gray, no solvent or hydrocarbon odor (80-20-0).	
	20-50/6"		90	0.0		SP-SM		Wet, very dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
40	16-50/6"		50	0.9		SP-SM		Wet, very dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
	50/6"		40	0.3		SM		Wet, very dense, silty SAND, brown, no solvent or hydrocarbon odor (40-60-0).	
45									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA LAR  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BHS765

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 40-50 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:** 12/14/12  
**Surface Conditions:** concrete  
**Well Location N/S:** 10.8' S of NW corner Seattle Ducati building  
**Well Location E/W:** 14' W of NW corner of Seattle Ducati building  
**Reviewed by:** CCC  
**Date Completed:** 12/14/12

**BORING LOG** | **B108**  
 MW108

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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"	50	50	0.0	B108-45	SM		Wet, very dense, silty SAND, brown, no solvent or hydrocarbon odor (40-60-0).	
	50/6"	50	50	0.0		SM		Wet, very dense, silty SAND, brown, no solvent or hydrocarbon odor (40-60-0).	
50	50/6"	50	50	0.0	B108-50	SM		Damp, very dense, silty SAND, cohesive, brown, no solvent or hydrocarbon odor (40-60-0).	
								Boring terminated at 50.5 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 MW108.	
55									
60									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA LAR  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BHS765

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 40-50 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:** 12/04/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 138.5' N of SE corner of Seattle City Light Building  
**Well Location E/W:** 7.0' E of SE corner of Seattle City Light Building  
**Reviewed by:** CCC  
**Date Completed:** 12/04/12

**BORING LOG** | **B109**  
 MW109

**Site Address:** 700 Dexter Avenue  
 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								6" concrete surfacing.	
5	2 2 3		100	0.0	B109-05	SM (FILL)		Moist, loose, silty SAND with gravel, fill material, gray, no solvent or hydrocarbon odor (30-60-10) (FILL).	
10	1 1 1		100	0.0		SM (FILL)		Moist, very loose, silty SAND with gravel, gray to black, slight hydrocarbon odor (30-60-10) (FILL).	
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.:** BHS 771

**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:** 12/04/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 138.5' N of SE corner of Seattle City Light Building  
**Well Location E/W:** 7.0' E of SE corner of Seattle City Light Building  
**Reviewed by:** CCC  
**Date Completed:** 12/04/12

**BORING LOG | B109**  
**MW109**

**Site Address:** 700 Dexter Avenue  
 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	2-3	3	100	6.9	B109-15	SM		Moist, loose, silty medium to fine SAND with gravel, gray, moderate hydrocarbon odor (20-75-5).	
20	2-3	3	100	0.5		SM		Wet, loose, silty SAND with gravel, gray, sheen on sample, no solvent or hydrocarbon odor (30-55-15).	
25	3-5	3	100	0.0	B109-25	SM		Wet, loose, silty medium to fine SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
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.:** BHS 771

**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:** 12/04/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 138.5' N of SE corner of Seattle City Light Building  
**Well Location E/W:** 7.0' E of SE corner of Seattle City Light Building  
**Reviewed by:** CCC  
**Date Completed:** 12/04/12

**BORING LOG** | **B109**  
 MW109

**Site Address:** 700 Dexter Avenue  
 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	4-5	5	100	0.0		MH		Damp, loose, organic sandy SILT with plant material, dark brown, no solvent or hydrocarbon odor (60-40-0).	
	20-50/6"	50/6"	100	0.5		SM		Damp, very dense, silty medium to fine SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
35	7-9	20	100	0.0	B109-35	SP-SM		Wet, medium dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
	15-50/6"	50/6"	60	0.0		SP-SM		Wet, very dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
40	50/6"	50/6"	30	0.0		SP-SM		Wet, very dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
	14-50/6"	50/6"	60	30.8		SP-SM		Wet, very dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
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.:** BHS 771

**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:** 12/04/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 138.5' N of SE corner of Seattle City Light Building  
**Well Location E/W:** 7.0' E of SE corner of Seattle City Light Building  
**Reviewed by:** CCC  
**Date Completed:** 12/04/12

**BORING LOG** | **B109**  
 MW109

**Site Address:** 700 Dexter Avenue  
 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	X	50/6"	30	34.3	B109-45	SP-SM		<b>Wet, very dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).</b>  <b>Boring terminated at 45.5 feet 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 MW109.</b>	
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.:** BHS 771

**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:** 12/04/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.9' N of SE corner of Seattle City Light building  
**Well Location E/W:** 7.6' E of SE corner of Seattle City Light building  
**Reviewed by:** CCC  
**Date Completed:** 12/04/12

**BORING LOG** | **B110**  
 MW110

**Site Address:** 700 Dexter Avenue  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 feet bgs  
**Water Depth After Completion** 20.24 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0								5" Concrete surfacing.	
5	2 2 2		80	1.6	B110-05	SM (FILL)		Damp, very loose, silty SAND with trace gravel, brown, no solvent or hydrocarbon odor (25-70-5) (FILL).	
10	3 3 3		90	0.5		SM (FILL)		Damp, loose, silty SAND with gravel, brown, no solvent or hydrocarbon odor (25-65-10) (FILL).	
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.:** BHS772

**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:** 12/04/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.9' N of SE corner of Seattle City Light building  
**Well Location E/W:** 7.6' E of SE corner of Seattle City Light building  
**Reviewed by:** CCC  
**Date Completed:** 12/04/12

**BORING LOG** | **B110**  
 MW110

**Site Address:** 700 Dexter Avenue  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 feet bgs  
**Water Depth After Completion** 20.24 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15	5 5 5		100	0.0	B110-15	SM (FILL)		Damp, loose, silty SAND with trace gravel, brown, no solvent or hydrocarbon odor (25-70-5) (FILL).	
20	9 10 11		90	3.3		SM (FILL)		Damp, medium dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10) (FILL).	
25	7 9 10		100	1.1	B110-25	SM-ML		Wet, very stiff, fine sandy SILT with gravel, wood waste, and plant material, no solvent or hydrocarbon odor (45-40-15) (FILL).	
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.:** BHS772

**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:** 12/04/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.9' N of SE corner of Seattle City Light building  
**Well Location E/W:** 7.6' E of SE corner of Seattle City Light building  
**Reviewed by:** CCC  
**Date Completed:** 12/04/12

**BORING LOG** | **B110**  
 MW110

**Site Address:** 700 Dexter Avenue  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 feet bgs  
**Water Depth After Completion** 20.24 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30	8-12-15		100	0.5		SP-SM		Wet, medium dense, medium to fine SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
	12-15-15		100	1.1		SP-SM SM		Wet, medium dense, medium to fine SAND with silt, brown, no solvent or hydrocarbon odor (10-90-0). Wet, medium dense, silty medium to fine SAND, brown, no solvent or hydrocarbon odor (25-75-0).	
35	50/6"		30	9.9	B110-35	SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (35-55-10).	
	50/6"		30	0.5		SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (35-55-10).	
40	50/6"		30	1.1		ML		Damp, hard, silt with fine SAND and trace gravel, cohesive, gray, no solvent or hydrocarbon odor (60-35-5).	
	50/6"		30	1.1		SM-ML		Damp, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (45-45-10).	
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.:** BHS772

**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:** 12/04/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 10.9' N of SE corner of Seattle City Light building  
**Well Location E/W:** 7.6' E of SE corner of Seattle City Light building  
**Reviewed by:** CCC  
**Date Completed:** 12/04/12

**BORING LOG** | **B110**  
 MW110

**Site Address:** 700 Dexter Avenue  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 feet bgs  
**Water Depth After Completion** 20.24 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45	X	50/6"	30	1.1	B110-45	SM		<b>Damp, very dense, silty fine SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (35-55-10).</b>  <b>Boring terminated at 45.5 feet 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 MW110.</b>	
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.:** BHS772

**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:** 12/05/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 92.5' N of SE corner of SCL building  
**Well Location E/W:** 7.5' E of SE corner of SCL building  
**Reviewed by:** CCC  
**Date Completed:** 12/05/12

**BORING LOG** | **B111**  
 MW111

**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								Concrete surfacing.	
5	1 2 3		90	0.8		SM (FILL)		Moist, loose, silty medium to fine SAND with gravel, gray, no solvent or hydrocarbon odor (25-60-15) (FILL).	
10	1 1 1		80	0.2	B111-10	SM (FILL)		Damp, very loose, silty medium to fine SAND with gravel, wood waste, dark brown, no solvent or hydrocarbon odor (25-60-15) (FILL).	
15									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 80.5 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BHS770

**Well/Auger Diameter:** 2/8.25/10.25 inches  
**Well Screened Interval:** 70 to 80 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** #2/12 silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite chips  
**Monument Type:** Flush mount

**Notes/Comments:**  
 Conductor casing set at 50 feet bgs.





**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/05/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 92.5' N of SE corner of SCL building  
**Well Location E/W:** 7.5' E of SE corner of SCL building  
**Reviewed by:** CCC  
**Date Completed:** 12/05/12

**BORING LOG | B111**  
**MW111**

**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	3-4	3	100	1.8		SM		Damp, loose, silty fine to medium SAND, gray, slight hydrocarbon odor (40-60-0).	
20	4-4	4	100	1.3	B111-20	SM-ML		Wet, medium stiff, fine sandy SILT, slightly plastic, gray, no solvent or hydrocarbon odor (55-45-0).	
25	4-7	4	100	0.8		SM		Wet, medium dense, silty medium to fine SAND with trace gravel, gray, no solvent or hydrocarbon odor (40-55-5).	
30									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 80.5 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BHS770

**Well/Auger Diameter:** 2/8.25/10.25 inches  
**Well Screened Interval:** 70 to 80 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** #2/12 silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite chips  
**Monument Type:** Flush mount

**Notes/Comments:**  
 Conductor casing set at 50 feet bgs.



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/05/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 92.5' N of SE corner of SCL building  
**Well Location E/W:** 7.5' E of SE corner of SCL building  
**Reviewed by:** CCC  
**Date Completed:** 12/05/12

**BORING LOG** | **B111**  
 MW111

**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	7-10	10			B111-30	SP-SM		Wet, medium dense, fine to medium SAND with silt and trace gravel, gray, no solvent or hydrocarbon odor (15-80-5).	
	11-13	60	0.2			SP-SM		Wet, medium dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (15-85-0).	
35	6-7	80	1.8			SP-SM		Wet, medium dense, fine to medium SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
	7-50/6"	80	17.0		B111-38	SP-SM		Wet, very dense, fine to coarse SAND with silt and trace gravel, dark gray, no solvent or hydrocarbon odor (10-85-5).	
40	50/6"	100	3.5			SP-SM		Wet, very dense, fine to medium SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0). Heaving sands.	
	12-14		57.8			SP-SM		Wet, medium dense, fine to medium SAND with silt and trace gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
	14-16					SM		Damp, medium dense, silty SAND with trace gravel, gray, no solvent or hydrocarbon odor (25-70-5).	
45									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 80.5 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BHS770

**Well/Auger Diameter:** 2/8.25/10.25 inches  
**Well Screened Interval:** 70 to 80 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** #2/12 silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite chips  
**Monument Type:** Flush mount

**Notes/Comments:**  
 Conductor casing set at 50 feet bgs.



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/05/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 92.5' N of SE corner of SCL building  
**Well Location E/W:** 7.5' E of SE corner of SCL building  
**Reviewed by:** CCC  
**Date Completed:** 12/05/12

**BORING LOG** | **B111**  
 MW111

**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	50/6"	20	60	32.8		SP-SM		Wet, very dense, fine to medium SAND with silt and trace gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
	50/6"	25	60	36.0		SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (40-50-10).	
50	50/6"	50/6"	30	8.9	B111-50	ML		Damp, hard, SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (50-35-15).	
55	50/6"	50/6"	30	8.4		ML		Damp, hard, SILT with sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (50-35-15).	
60									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 80.5 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BHS770

**Well/Auger Diameter:** 2/8.25/10.25 inches  
**Well Screened Interval:** 70 to 80 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** #2/12 silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite chips  
**Monument Type:** Flush mount

**Notes/Comments:**  
 Conductor casing set at 50 feet bgs.



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/05/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 92.5' N of SE corner of SCL building  
**Well Location E/W:** 7.5' E of SE corner of SCL building  
**Reviewed by:** CCC  
**Date Completed:** 12/05/12

**BORING LOG** | **B111**  
 MW111

**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
60	50/6"	30	30	0.8	B111-60	GM		Wet, very dense, silty sandy GRAVEL, gray, no solvent or hydrocarbon odor (25-25-50).	
65	50/6"	30	30	0.2		GM		Wet, very dense, silty sandy GRAVEL, gray, no solvent or hydrocarbon odor (30-25-45).	
70	50/6"	30	30	2.9	B111-70	GM		Wet, very dense, silty sandy GRAVEL, gray, no solvent or hydrocarbon odor (30-20-50).	
75	50/6"	30	30	0.2		GM		Wet, very dense, silty sandy GRAVEL, gray, no solvent or hydrocarbon odor (30-20-50).	

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 80.5 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BHS770

**Well/Auger Diameter:** 2/8.25/10.25 inches  
**Well Screened Interval:** 70 to 80 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** #2/12 silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite chips  
**Monument Type:** Flush mount

**Notes/Comments:**  
 Conductor casing set at 50 feet bgs.



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/05/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 92.5' N of SE corner of SCL building  
**Well Location E/W:** 7.5' E of SE corner of SCL building  
**Reviewed by:** CCC  
**Date Completed:** 12/05/12

**BORING LOG** | **B111**  
 MW111

**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
75	50/5"		100	1.9		GM		Wet, very dense, silty sandy GRAVEL, gray, no solvent or hydrocarbon odor (30-20-50).	
	50/6"		100	0.4		GM		Wet, very dense, silty sandy GRAVEL, gray, no solvent or hydrocarbon odor (30-20-50).	
80	50/6"		30	3.5	B111-80	GM		Wet, very dense, silty sandy GRAVEL, gray, no solvent or hydrocarbon odor (30-20-50).	
								Boring terminated at 80.5 feet bgs. Two-inch-diameter well installed to a depth of 80 feet bgs, screened from 70 to 80 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW111.	
85									
90									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 80.5 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BHS770

**Well/Auger Diameter:** 2/8.25/10.25 inches  
**Well Screened Interval:** 70 to 80 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** #2/12 silica sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite chips  
**Monument Type:** Flush mount

**Notes/Comments:**  
 Conductor casing set at 50 feet bgs.



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/11/12  
**Surface Conditions:** Asphalt/Concrete  
**Well Location N/S:** 105.5' N of SE corner of building  
**Well Location E/W:** 15' E of SE corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/11/12

**BORING LOG** | **B112**  
 MW112

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 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								<p>Asphalt/concrete at the surface.</p> <p>Borehole cleared to a depth of 9 feet bgs with a vactor truck.</p>	
10	0 1 1		100	1.4	B112-10	SM-ML (FILL)		<p>Damp, soft, fine sandy SILT with gravel and rootlets, brown, no solvent or hydrocarbon odor (40-40-20) (FILL).</p>	
15									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 85.5 feet bgs  
**Total Well Depth:** 85 feet bgs  
**State Well ID No.:** BHS767

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 75 to 85 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:** 12/11/12  
**Surface Conditions:** Asphalt/Concrete  
**Well Location N/S:** 105.5' N of SE corner of building  
**Well Location E/W:** 15' E of SE corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/11/12

**BORING LOG** | **B112**  
 MW112

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 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	30 50/5"	100	1.7			SM		Damp, very dense, silty SAND with gravel, reddish brown, no solvent or hydrocarbon odor (25-55-20).	
20	50/6"	20	4.6	B112-20	SM		Damp, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (25-65-10).		
25	50/6"	100	2.8		SP-SM		Wet, very dense, medium to fine SAND with silt, reddish brown, no solvent or hydrocarbon odor (15-85-0).		
30									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 85.5 feet bgs  
**Total Well Depth:** 85 feet bgs  
**State Well ID No.:** BHS767

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 75 to 85 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:** 12/11/12  
**Surface Conditions:** Asphalt/Concrete  
**Well Location N/S:** 105.5' N of SE corner of building  
**Well Location E/W:** 15' E of SE corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/11/12

**BORING LOG | B112 MW112**

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 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"	60		3.4	B112-30	SM		Dry, very dense, silty fine SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (30-55-15).	
35	50/6"	30		1.7		SM		Damp, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
40	50/6"	100		0.0	B112-40	SM		Damp, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (30-55-15).	
45									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 85.5 feet bgs  
**Total Well Depth:** 85 feet bgs  
**State Well ID No.:** BHS767

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 75 to 85 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 6**





**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/11/12  
**Surface Conditions:** Asphalt/Concrete  
**Well Location N/S:** 105.5' N of SE corner of building  
**Well Location E/W:** 15' E of SE corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/11/12

**BORING LOG** | **B112**  
 MW112

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 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"	30		0.8		SM		Damp, very dense, silty SAND with gravel, dark gray, no solvent or hydrocarbon odor (30-50-20).	
50	50/5"	50		2.3	B112-50	SM-ML		Damp, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-40-20).	
	50/5"	50		2.3		SM-ML		Damp, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-45-15).	
55	50/6"	50		2.8		SP-SM SM		Moist, very dense, medium to fine SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0). Moist, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
	50/3"	30		2.3		SM-ML		Damp, very dense, silty SAND with gravel, dark gray, no solvent or hydrocarbon odor (40-45-5).	
60									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 85.5 feet bgs  
**Total Well Depth:** 85 feet bgs  
**State Well ID No.:** BHS767

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 75 to 85 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:** 12/11/12  
**Surface Conditions:** Asphalt/Concrete  
**Well Location N/S:** 105.5' N of SE corner of building  
**Well Location E/W:** 15' E of SE corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/11/12

**BORING LOG** | **B112**  
 MW112

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 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	50/6"	50	50	1.7	B112-60	SM		Damp, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
65	50/6"	50	50	1.7		SM		Damp, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-55-5).	
70	50/6"	50	50	1.7	B112-70	SM		Damp, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
75									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 85.5 feet bgs  
**Total Well Depth:** 85 feet bgs  
**State Well ID No.:** BHS767

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 75 to 85 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:** 12/11/12  
**Surface Conditions:** Asphalt/Concrete  
**Well Location N/S:** 105.5' N of SE corner of building  
**Well Location E/W:** 15' E of SE corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/11/12

**BORING LOG** | **B112**  
 MW112

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 25 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	50/8"	50	50	0.5	B112-75	SM-ML SP-SM		Wet, very dense, silty SAND with trace gravel, gray, no solvent or hydrocarbon odor (45-50-5). Wet, very dense, medium to fine SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
80	50/4"	30	0.5	B112-80	SM-ML		Damp, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (45-45-10).		
85	50/6"	30	0.0	B112-85	SM-ML		Damp, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (45-45-10).		
90								Boring terminated at 85.5 feet bgs. Two-inch-diameter well installed to a depth of 85 feet bgs, screened from 75 to 85 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW112.	

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 85.5 feet bgs  
**Total Well Depth:** 85 feet bgs  
**State Well ID No.:** BHS767

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 75 to 85 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:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** -  
**Well Location E/W:** -  
**Reviewed by:** CCC  
**Date Completed:** 12/17/12

**BORING LOG** | **B113**  
 MW113

**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								Concrete 1.5 feet thick at surface.	
5								Cleared borehole with a vector truck to a depth of 9 feet below ground surface.	
10	12	12	100	44.8	B113-10	SM		Dry, medium dense, silty medium to fine SAND with gravel, light brown, no solvent or hydrocarbon odor (15-70-15).	
15									

**Drilling Co./Driller:** Cascade  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 80 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BHS764

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 70-80 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:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** -  
**Well Location E/W:** -  
**Reviewed by:** CCC  
**Date Completed:** 12/17/12

**BORING LOG** | **B113**  
 MW113

**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	15-16	22	100	63.7		SM		Damp, dense, silty SAND with gravel, gray, moderate hydrocarbon odor (25-65-10).	
20	16-22	8	100	5.2	B113-20	SP-SM		Wet, medium dense, medium to fine SAND with gravel, gray, no solvent or hydrocarbon odor (10-75-15).	
25	22-25	8	100	1.5		SM		Wet, medium dense, silty medium to fine SAND with gravel, gray, no solvent or hydrocarbon odor (25-60-15).	
30	25-30	10							

**Drilling Co./Driller:** Cascade  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 80 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BHS764

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 70-80 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: 2 of 6



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** -  
**Well Location E/W:** -  
**Reviewed by:** CCC  
**Date Completed:** 12/17/12

**BORING LOG** | **B113**  
 MW113

**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	12	100	0.3	B113-30	SM-ML		Wet, medium dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (40-50-10). Lacostrine sediments.		
35	13	100	0.3		SM-ML		Wet, medium dense, silty fine SAND with trace gravel, gray, no solvent or hydrocarbon odor (45-50-5). Lacostrine sediments.		
40	9	100	0.0	B113-40	ML		Damp, medium dense, SILT with fine sand, gray, no solvent or hydrocarbon odor (80-20-0).		
45									

**Drilling Co./Driller:** Cascade  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 80 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BHS764

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 70-80 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 6**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** -  
**Well Location E/W:** -  
**Reviewed by:** CCC  
**Date Completed:** 12/17/12

**BORING LOG** | **B113**  
 MW113

**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	11-17	11	100	2.1		SP-SM		Wet, dense, medium to fine SAND with trace gravel, gray no solvent or hydrocarbon odor (10-85-5).	
50	17-23	14	100	0.3	B113-50	SP-SM		Wet, dense, medium to fine SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
55	23-29	20	100	0.9		SP		Wet, dense, medium to fine SAND with trace silt, gray, no solvent or hydrocarbon odor (5-95-0).	
60									

**Drilling Co./Driller:** Cascade  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 80 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BHS764

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 70-80 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:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** -  
**Well Location E/W:** -  
**Reviewed by:** CCC  
**Date Completed:** 12/17/12

**BORING LOG** | **B113**  
 MW113

**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
60			0					No recovery. Driller reports sandy material.	
65			0				No recovery. Driller reports sandy material.		
70			0				No recovery.		
75									

**Drilling Co./Driller:** Cascade  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 80 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BHS764

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 70-80 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:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** -  
**Well Location E/W:** -  
**Reviewed by:** CCC  
**Date Completed:** 12/17/12

**BORING LOG** | **B113**  
 MW113

**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
75			0					No recovery. Driller reports sand.	
80			0				No recovery. Driller reports sand.		
85							Boring terminated at 80 feet below ground surface. Two-inch-diameter well installed to a depth of 80 feet bgs, screened from 70 to 80 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW113.		
90									

**Drilling Co./Driller:** Cascade  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 80 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BHS764

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 70-80 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
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:**  
  
 Page: | **1 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
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:**



**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	50/3"	100	1.3	B114-45	SM-ML		<p><b>Damp, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (40-45-15).</b></p> <p><b>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.</b></p>		
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:** 12/13/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 25.6' N of SE corner of building on 9th and Roy  
**Well Location E/W:** 18.6' E of SE corner of building on 9th and Roy  
**Reviewed by:** CCC  
**Date Completed:** 12/13/12

**BORING LOG** | **B115**  
 MW115

**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								Concrete 1.5 feet thick at surface.	
								Boring cleared with a vactor truck to a depth of 9 feet below ground surface.	
10	3 7 7		80	1.4	B115-10	SM (FILL)		Damp, medium dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (30-55-15) (FILL).	
15									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 46 feet bgs  
**Total Well Depth:** 45 feet bgs  
**State Well ID No.:** BHS766

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 35-45 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:** 12/13/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 25.6' N of SE corner of building on 9th and Roy  
**Well Location E/W:** 18.6' E of SE corner of building on 9th and Roy  
**Reviewed by:** CCC  
**Date Completed:** 12/13/12

**BORING LOG** | **B115**  
 MW115

**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	15	60	0.8	B115-15	SM (FILL)		Moist, medium dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (30-55-15) (FILL).		
20	7 5 3	100	0.8		SP-SM (FILL)		Wet, loose, medium to fine SAND with silt and gravel, gray, no solvent or hydrocarbon odor (15-70-15) (FILL).		
25	5 5 6	100	0.2	B115-25	SM (FILL)		Wet, loose, silty SAND with gravel, gray, no solvent or hydrocarbon odor (25-65-10) (FILL).		
30									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 46 feet bgs  
**Total Well Depth:** 45 feet bgs  
**State Well ID No.:** BHS766

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 35-45 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:** 12/13/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 25.6' N of SE corner of building on 9th and Roy  
**Well Location E/W:** 18.6' E of SE corner of building on 9th and Roy  
**Reviewed by:** CCC  
**Date Completed:** 12/13/12

**BORING LOG** | **B115**  
 MW115

**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	7-10	10	100	0.8		SM		Wet, medium dense, silty fine SAND, gray, no solvent or hydrocarbon odor (40-60-0).	
	7-9	7	100	0.2		ML		Wet, medium dense, SILT with fine sand, gray, no solvent or hydrocarbon odor (80-20-0). Lacostrine deposits.	
35	3-3	3	100	0.8	B115-35	MH		Wet, medium dense, SILT with fine sand, plastic, gray, no solvent or hydrocarbon odor (80-20-0). Lacostrine deposits.	
	4-4	4	100	0.2		MH		Wet, medium dense, SILT with fine sand and trace gravel, plastic, gray, no solvent or hydrocarbon odor (80-15-5). Lacostrine deposits.	
40	12-15	13	80	0.8		SM		Wet, medium dense, silty fine SAND, gray, no solvent or hydrocarbon odor (40-60-0).	
	12-15	13	100	0.8		SP-SM		Wet, medium dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).	
45									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 46 feet bgs  
**Total Well Depth:** 45 feet bgs  
**State Well ID No.:** BHS766

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 35-45 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:** 12/13/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 25.6' N of SE corner of building on 9th and Roy  
**Well Location E/W:** 18.6' E of SE corner of building on 9th and Roy  
**Reviewed by:** CCC  
**Date Completed:** 12/13/12

**BORING LOG** | **B115**  
 MW115

**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	23 50/6"	100	0.8	B115-45	SP-SM		Wet, very dense, medium to fine SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).		
50							<p>Boring terminated at 46 feet 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 MW115.</p>		
55									
60									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 46 feet bgs  
**Total Well Depth:** 45 feet bgs  
**State Well ID No.:** BHS766

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 35-45 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:** 12/7/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 18' E of SE corner of restaurant on 9th and Roy  
**Well Location E/W:** 106' N of SE corner of restaurant on 9th and Roy  
**Reviewed by:** CCC  
**Date Completed:** 12/7/12

**BORING LOG** | **B116**  
 MW116

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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 1.5' thick at surface.	
								Borehole cleared to a depth of 9 feet bgs with a vactor truck.	
10	2 1 1		100	0.5		SM (FILL)		Damp, very loose, silty SAND with trace gravel, light brown, no solvent or hydrocarbon odor (40-55-5).	
15									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 46.5 feet bgs  
**Total Well Depth:** 45 feet bgs  
**State Well ID No.:** BHS769

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 35-45 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:** 12/7/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 18' E of SE corner of restaurant on 9th and Roy  
**Well Location E/W:** 106' N of SE corner of restaurant on 9th and Roy  
**Reviewed by:** CCC  
**Date Completed:** 12/7/12

**BORING LOG** | **B116**  
 MW116

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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	2 1 1		100	0.0	B116-15	SM (FILL)		Wet, very loose, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (35-55-10) (FILL).	
20	4 3 4		100	0.5		SP-SM (FILL)		Wet, loose, medium to fine SAND with silt and gravel, dark gray, no solvent or hydrocarbon odor (10-80-10) (FILL).	
25	2 4 3		100	1.1	B116-25	SP-SM (FILL)		Wet, loose, medium to fine SAND with silt and trace gravel, dark gray, no solvent or hydrocarbon odor (15-80-5) (FILL).	
30									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 46.5 feet bgs  
**Total Well Depth:** 45 feet bgs  
**State Well ID No.:** BHS769

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 35-45 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:** 12/7/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 18' E of SE corner of restaurant on 9th and Roy  
**Well Location E/W:** 106' N of SE corner of restaurant on 9th and Roy  
**Reviewed by:** CCC  
**Date Completed:** 12/7/12

**BORING LOG** | **B116**  
 MW116

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

Water Depth At Time of Drilling 15 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	12-15		100	0.5		SP-SM		Wet, medium dense, medium to fine SAND and silt and trace gravel, dark gray, no solvent or hydrocarbon odor (10-85-5).	
	14-15					ML		Damp, medium dense, SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (50-40-10).	
	23-50/6"		100	1.1		SM-ML		Moist, very dense, SILT with fine sand, slightly plastic, gray, no solvent or hydrocarbon odor (80-20-0).	
35	12-23		100	0.5	B116-35	ML		Moist, very dense, SILT with fine sand, slightly plastic, gray, no solvent or hydrocarbon odor (80-20-0).	
	30-50/6"		100	1.1		ML		Wet, very dense, SILT with fine sand, slightly plastic, gray, no solvent or hydrocarbon odor (80-20-0).	
40	17-50/6"		100	0.5		ML		Wet, very dense, SILT with fine sand, slightly plastic, gray, no solvent or hydrocarbon odor (80-20-0).	
	17-50/6"		60	1.1		SM-ML		Wet, very dense, SILT with fine sand, gray, no solvent or hydrocarbon odor (60-40-0).	
45									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 46.5 feet bgs  
**Total Well Depth:** 45 feet bgs  
**State Well ID No.:** BHS769

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 35-45 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:** 12/7/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 18' E of SE corner of restaurant on 9th and Roy  
**Well Location E/W:** 106' N of SE corner of restaurant on 9th and Roy  
**Reviewed by:** CCC  
**Date Completed:** 12/7/12

**BORING LOG** | **B116**  
 MW116

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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	17 12 14		100		B116-45	MH		Wet, medium dense, SILT with fine sand, plastic, dark gray, no solvent or hydrocarbon odor (90-10-0).	
50								Boring terminated at 46.5 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 MW116.	
55									
60									

**Drilling Co./Driller:** Cascade/Curtis  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 46.5 feet bgs  
**Total Well Depth:** 45 feet bgs  
**State Well ID No.:** BHS769

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 35-45 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								<b>Asphalt 6" thick.</b>  <b>Boring cleared with a vector truck to a depth of 8' below ground surface (bgs).</b>	
10	50/4"	10	0.0	B117-10	SM		<b>Damp, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (30-55-15).</b>		

**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
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:**



**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	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	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	X 50/6	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								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.	
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:**



**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/16/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 38' N of NW corner of city light building  
**Well Location E/W:** 16.2' E of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/16/13

**BORING LOG** | **B120**  
 MW120

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**Water Depth At Time of Drilling** 15 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 10"-thick.	
5	13 15 17		100	0.0		SM		Damp, loose, silty SAND with gravel, brown, no hydrocarbon odor (30-55-15).	
10	10 11 15		100	0.0	B120-10	SM		Damp, loose, silty SAND with gravel, brown with gray spots, no hydrocarbon odor (35-55-10).	
15									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BID 015

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 40-50 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** 2/12 Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** Flush-mount

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/16/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 38' N of NW corner of city light building  
**Well Location E/W:** 16.2' E of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/16/13

**BORING LOG | B120 MW120**

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**Water Depth At Time of Drilling** 15 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	2 6 7		100	0.4		SM		Wet to moist, loose, silty SAND, trace gravel, gray, no hydrocarbon odor (35-60-5).	
20	2 3 5		20	0.0	B120-20	ML		Wet, loose, silty with fine SAND and trace gravel, gray, no hydrocarbon odor (60-35-5).	
25	16 16 19		0					Driller reports very dense at 24' bgs.  No recovery.	
30									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BID 015

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 40-50 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** 2/12 Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** Flush-mount

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/16/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 38' N of NW corner of city light building  
**Well Location E/W:** 16.2' E of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/16/13

**BORING LOG** | **B120**  
 MW120

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**Water Depth At Time of Drilling** 15 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	33	0.0	B120-30	SP		Wet, very dense, fine to medium SAND with trace silty and gravel, no hydrocarbon odor (10-85-5).	
35		50/6	100	0.0		GP		Wet, very dense, fine GRAVEL with sand and silt, brown, no hydrocarbon odor (10-20-70).	
						SP		Wet, very dense, medium to fine SAND with silt, brown, no hydrocarbon odor (10-90-0).	
40		50/6	0				No recovery.		
45									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BID 015

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 40-50 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** 2/12 Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** Flush-mount

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/16/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 38' N of NW corner of city light building  
**Well Location E/W:** 16.2' E of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/16/13

**BORING LOG** | **B120**  
 MW120

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**Water Depth At Time of Drilling** 15 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	33	0.0	B120-45	ML		Wet, very dense, silt with fine SAND and gravel, gray, no hydrocarbon odor with wood ash (60-35-5).	
50		50/6	33	0.0	B120-50	ML		Wet, very dense, SILT with fine sand and gravel, gray, no hydrocarbon odor (60-35-5).	
55								Boring terminated at 50.5 feet below ground surface (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 MW120.	
60									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BID 015

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 40-50 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** 2/12 Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** Flush-mount

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/16/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 38' N of NW corner of city light building  
**Well Location E/W:** 16.2' E of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/16/13

**BORING LOG** | **B120**  
 MW120

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**Water Depth At Time of Drilling** 15 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 10"-thick.	
5	13 15 17		100	0.0		SM		Damp, loose, silty SAND with gravel, brown, no hydrocarbon odor (30-55-15).	
10	10 11 15		100	0.0	B120-10	SM		Damp, loose, silty SAND with gravel, brown with gray spots, no hydrocarbon odor (35-55-10).	
15									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BID 015

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 40-50 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** 2/12 Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** Flush-mount

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/16/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 38' N of NW corner of city light building  
**Well Location E/W:** 16.2' E of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/16/13

**BORING LOG** | **B120**  
 MW120

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**Water Depth At Time of Drilling** 15 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	2 6 7		100	0.4		SM		Wet to moist, loose, silty SAND, trace gravel, gray, no hydrocarbon odor (35-60-5).	
20	2 3 5		20	0.0	B120-20	ML		Wet, loose, silty with fine SAND and trace gravel, gray, no hydrocarbon odor (60-35-5).	
25	16 16 19		0				Driller reports very dense at 24' bgs.  No recovery.		
30									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BID 015

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 40-50 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** 2/12 Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** Flush-mount

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/16/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 38' N of NW corner of city light building  
**Well Location E/W:** 16.2' E of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/16/13

**BORING LOG** | **B120**  
 MW120

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**Water Depth At Time of Drilling** 15 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	33	0.0	B120-30	SP		Wet, very dense, fine to medium SAND with trace silty and gravel, no hydrocarbon odor (10-85-5).	
35		50/6	100	0.0		GP		Wet, very dense, fine GRAVEL with sand and silt, brown, no hydrocarbon odor (10-20-70).	
						SP		Wet, very dense, medium to fine SAND with silt, brown, no hydrocarbon odor (10-90-0).	
40		50/6	0				No recovery.		
45									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BID 015

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 40-50 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** 2/12 Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** Flush-mount

**Notes/Comments:**





**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/16/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 38' N of NW corner of city light building  
**Well Location E/W:** 16.2' E of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/16/13

**BORING LOG** | **B120**  
 MW120

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**Water Depth At Time of Drilling** 15 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	33	0.0	B120-45	ML		Wet, very dense, silt with fine SAND and gravel, gray, no hydrocarbon odor with wood ash (60-35-5).	
50		50/6	33	0.0	B120-50	ML		Wet, very dense, SILT with fine sand and gravel, gray, no hydrocarbon odor (60-35-5).	
55								Boring terminated at 50.5 feet below ground surface (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 MW120.	
60									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BID 015

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 40-50 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** 2/12 Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** Flush-mount

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/16/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 128' S of NW corner of city light building  
**Well Location E/W:** 18' W of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/16/13

**BORING LOG | B121**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

**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								Concrete cored prior to drilling. Concrete 4 inches thick.	
5	8 16 20		100	0.0	B121-05	SM		Damp, medium dense, silty SAND with gravel, brown, (30-60-10) (FILL).	
10	6 7 8		100	0.0		SM		Damp, loose, silty SAND with gravel and miscellaneous debris, black, no hydrocarbon odor (FILL).	
15									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 26.5 feet bgs  
**Total Well Depth:** 25 feet bgs  
**State Well ID No.:** BID 016

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 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:** RAH  
**Date Started:** 12/16/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 128' S of NW corner of city light building  
**Well Location E/W:** 18' W of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/16/13

**BORING LOG | B121**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

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	3 2 1		100	0.0	B121-15	ML		Wet, loose, SILT with sand and gravel, gray, wood ash, no hydrocarbon odor (50-40-10).	
20	0 2 4		100	0.0		ML		Wet, dense, SILT with sand and gravel, gray, no hydrocarbon odor (possible lake sediments) (50-40-10).	
25	1 1 3		100	0.0	B121-25	ML		Moist, loose, SILT with fine sand and organics, gray, no hydrocarbon odor (70-30-0).	
30								Boring terminated at 26.5 feet below ground surface (bgs). Two-inch diameter well installed to a depth of 25 feet bgs, screened from 15 to 25 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW121.	

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 26.5 feet bgs  
**Total Well Depth:** 25 feet bgs  
**State Well ID No.:** BID 016

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 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:** RAH  
**Date Started:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 35.8' N of NE corner of city light building  
**Well Location E/W:** 5' E of NE corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/17/13

**BORING LOG** | **B122**  
 MW122

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**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								Concrete 8 inches thick.	
5								Cleared with vent truck????	
10		8 8 8	100	2.5	B122-10	ML		Damp, loose, SILT with sand and gravel and brick debris, dark gray to black, moderate hydrocarbon odor (50-40-10) (FILL).	
15									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 105-115 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:** RAH  
**Date Started:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 35.8' N of NE corner of city light building  
**Well Location E/W:** 5' E of NE corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/17/13

**BORING LOG** | **B122**  
 MW122

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**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	5 6 8		100	4.0	B122-15	SM		Moist to wet, silty SAND with gravel, gray, slight hydrocarbon odor (40-50-10).	
20	3 5 9		100	0.0	B122-20	SM		Wet, loose, silty SAND with gravel, gray, no hydrocarbon odor (40-50-10).	
25	5 8 10		80	0.0	B122-25-20131217 B122-25	SP		Wet, loose, medium to fine SAND with silt and gravel, gray, slight hydrocarbon odor (10-85-5).	
30									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 105-115 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:** RAH  
**Date Started:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 35.8' N of NE corner of city light building  
**Well Location E/W:** 5' E of NE corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/17/13

**BORING LOG** | **B122**  
 MW122

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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	17 50/6	100	0.0	B122-30	ML			Damp, very dense, SILT with fine sand, gray, no hydrocarbon odor (60-40-0).	
35	14 50/6	100	0.0	B122-35	ML			Moist to wet, very dense, SILT with fine sand, gray, no hydrocarbon odor (55-45-0).	
40	19 50/6	100	0.0	B122-40-20131217 B122-40	ML			Wet, very dense, SILT with fine sand, gray, no hydrocarbon odor (60-40-0).	
45									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 105-115 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:** RAH  
**Date Started:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 35.8' N of NE corner of city light building  
**Well Location E/W:** 5' E of NE corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/17/13

**BORING LOG** | **B122**  
 MW122

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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		50/6	100	0.0	B122-45	SP		Wet, very dense, medium to fine SAND with silt, gray, no hydrocarbon odor (10-90-0).	
50		50/6	100	0.0	B122-50	ML		Damp, very dense, SILT with fine sand and gravel, cohesive, gray, no hydrocarbon odor (65-30-5).	
55		50/6	100	0.0		SM		Damp to moist, very dense, silty SAND with gravel, cohesive, gray, no hydrocarbon odor (45-40-15).  Sample is warm to the touch.	
60									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 105-115 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:** RAH  
**Date Started:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 35.8' N of NE corner of city light building  
**Well Location E/W:** 5' E of NE corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/17/13

**BORING LOG** | **B122**  
 MW122

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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	50/6	100	0.0	B122-60	SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no hydrocarbon odor (40-45-15).		
65	50/6	70	0.0		SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no hydrocarbon odor (40-45-15).		
70	50/6	90	0.0	B122-70	SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no hydrocarbon odor (40-45-15).		
75									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 105-115 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:** RAH  
**Date Started:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 35.8' N of NE corner of city light building  
**Well Location E/W:** 5' E of NE corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/17/13

**BORING LOG** | **B122**  
 MW122

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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		50/6	80	0.0		SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no hydrocarbon odor (40-50-10).	
80		50/6	100	0.0	B122-80	SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no hydrocarbon odor (40-50-10).	
85		50/6	100	0.0	B122-85-20131217	SP		Driller reports change in drilling conditions. Easier conditions. Wet, very dense, medium to fine SAND with silt and gravel, gray, no hydrocarbon odor (10-80-10).	
90									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 105-115 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:** RAH  
**Date Started:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 35.8' N of NE corner of city light building  
**Well Location E/W:** 5' E of NE corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/17/13

**BORING LOG** | **B122**  
 MW122

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**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								Lost sampler.	
95								Had to overdrill sampler.	
100		50/6	100	0.0	B122-100	SP		Wet, very dense, coarse to medium SAND and silt with gravel, gray, no hydrocarbon odor (5-8-15).  Heaving conditions. Sampler stuck in Auger, sand locked. Boring advanced to 115 and set well without collecting soil samples.	
105									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 105-115 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:** RAH  
**Date Started:** 12/17/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 35.8' N of NE corner of city light building  
**Well Location E/W:** 5' E of NE corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/17/13

**BORING LOG** | **B122**  
 MW122

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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								Heaving conditions. Sampler stuck in Auger, sand locked. Boring advanced to 115 and set well without collecting soil samples.	
110									
115								Boring terminated at 115 feet below ground surface (bgs). Two-inch diameter well installed to a depth of 115 feet bgs, screened from 105 to 115 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW122.	
120									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** LAR HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 115 feet bgs  
**Total Well Depth:** 115 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 105-115 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:** RAH  
**Date Started:** 12/18/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 49.5' S of northern-most point of building  
**Well Location E/W:** 14.2' E of E wall of building  
**Reviewed by:** CCC  
**Date Completed:** 12/18/13

**BORING LOG** | **B123**  
 MW123

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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								Concrete 10 inches thick.	
								Boring vac cleared to 10' bgs	
10	2 2 3		100	0.5	B123-10	ML		Damp, loose, SILT with fine sand and gravel, gray, no hydrocarbon odor (60-35-5).	
15									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 80 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BID 018

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 70 to 80 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:** RAH  
**Date Started:** 12/18/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 49.5' S of northern-most point of building  
**Well Location E/W:** 14.2' E of E wall of building  
**Reviewed by:** CCC  
**Date Completed:** 12/18/13

**BORING LOG** | **B123**  
 MW123

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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	4 4 6		100	0.0		ML		Damp, loose, SILT with fine sand and gravel, gray, no hydrocarbon odor (50-35-5).	
20	2 3 3		100	0.0	B123-20	SM		Wet, loose, silty SAND with gravel, gray, no hydrocarbon odor (40-55-5).	
25	6 7 7		100	0.0		ML		Wet, loose, SILT with fine sand and gravel, gray, no hydrocarbon odor (60-35-5).	
30									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 80 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BID 018

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 70 to 80 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:** RAH  
**Date Started:** 12/18/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 49.5' S of northern-most point of building  
**Well Location E/W:** 14.2' E of E wall of building  
**Reviewed by:** CCC  
**Date Completed:** 12/18/13

**BORING LOG** | **B123**  
 MW123

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**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		50/6	0					No recovery. Drilling on loose rock.	
35								No sample.	
40								Through rock. Hammer threads damaged, cannot collect soil samples for the rest of the borin.	
45									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 80 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BID 018

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 70 to 80 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:** RAH  
**Date Started:** 12/18/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 49.5' S of northern-most point of building  
**Well Location E/W:** 14.2' E of E wall of building  
**Reviewed by:** CCC  
**Date Completed:** 12/18/13

**BORING LOG** | **B123**  
 MW123

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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						SM		Cuttings indicate wet silty SAND, gray, no hydrocarbon odor.	
50						SM		Cuttings indicate wet silty SAND, gray, no hydrocarbon odor.	
55						SM		Cuttings indicate wet silty SAND, gray, no hydrocarbon odor.	
60									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 80 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BID 018

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 70 to 80 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:**  
  
 Page: | **4 of 6**



**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/18/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 49.5' S of northern-most point of building  
**Well Location E/W:** 14.2' E of E wall of building  
**Reviewed by:** CCC  
**Date Completed:** 12/18/13

**BORING LOG** | **B123**  
 MW123

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**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						SM		Driller reports SAND from 70 to 80 feet bgs.	
65					SM				
70					SM				
75									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 80 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BID 018

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 70 to 80 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:** RAH  
**Date Started:** 12/18/12  
**Surface Conditions:** Concrete  
**Well Location N/S:** 49.5' S of northern-most point of building  
**Well Location E/W:** 14.2' E of E wall of building  
**Reviewed by:** CCC  
**Date Completed:** 12/18/13

**BORING LOG** | **B123**  
 MW123

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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	X					SM	X	Driller reports SAND from 70 to 80 feet bgs.	X
80								Boring terminated at 80 feet below ground surface (bgs). Two-inch diameter well installed to a depth of 80 feet bgs, screened from 70 to 80 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW123.	
85									
90									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 80 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BID 018

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 70 to 80 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:** RAH  
**Date Started:** 12/19/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 8.5' N of NW corner of building  
**Well Location E/W:** 13' E of NW corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/19/13

**BORING LOG** | **B124**  
 MW124

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**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								Concrete 8 inches thick.	
10	10-11	10	90	0.0	B124-10	GP		Damp, loose, gravelly SAND with silt, brown, no hydrocarbon odor (10-30-60).	
15									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 120.5 feet bgs  
**Total Well Depth:** 120 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 110 to 120 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:** RAH  
**Date Started:** 12/19/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 8.5' N of NW corner of building  
**Well Location E/W:** 13' E of NW corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/19/13

**BORING LOG** | **B124**  
 MW124

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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	5 4 3		100	0.0	B124-15	ML		Damp, loose, SILT with fine sand and gravel, dark brown, no hydrocarbon odor (55-40-5).	
20	4 6 8		100	0.0	B124-20	ML		Moist, loose, SILT with fine sand and gravel, dark brown, no hydrocarbon odor (55-40-5).	
25	6 10 15		100	0.0	B124-25	SM		Wet, loose, silty SAND with gravel, brown, no hydrocarbon odor (25-65-10).	
30									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 120.5 feet bgs  
**Total Well Depth:** 120 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 110 to 120 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:** RAH  
**Date Started:** 12/19/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 8.5' N of NW corner of building  
**Well Location E/W:** 13' E of NW corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/19/13

**BORING LOG** | **B124**  
 MW124

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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	10-16-17	100	0.0	B124-30	SP		Damp, dense, medium to fine SAND with gravel and silt, reddish brown, no hydrocarbon odor (10-80-10).		
35	11-11-13	100	0.0	B124-35	SM ML SP	  	Moist, loose, silty SAND with gravel, brown no hydrocarbon odor (35-60-5). Damp, loose, SILT with fine sand, brown, no hydrocarbon odor (55-45-0). Damp, loose, medium to fine SAND with silt and gravel, brown, no hydrocarbon odor (10-80-10).		
40	20-23-26	100	0.0	B124-40	SM		Wet, dense, silty SAND with gravel, brown, no hydrocarbon odor (20-70-10).		
45									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 120.5 feet bgs  
**Total Well Depth:** 120 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 110 to 120 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:** RAH  
**Date Started:** 12/19/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 8.5' N of NW corner of building  
**Well Location E/W:** 13' E of NW corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/19/13

**BORING LOG** | **B124**  
 MW124

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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	50/4	100	0.0	B124-45_20131219 B124-45	SP		Wet, very dense, SAND with silt and gravel, brown, no hydrocarbon odor (10-80-10).		
50	50/6	100	0.0	B124-50	GP		Wet, very dense, gravelly SAND with silt, gray, no hydrocarbon odor (10-40-50).		
55	50/6	35	0.0	B124-55	SM		Wet, very dense, silty SAND with gravel, cohesive gray, no hydrocarbon odor (45-40-15).		
60									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 120.5 feet bgs  
**Total Well Depth:** 120 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 110 to 120 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:** RAH  
**Date Started:** 12/19/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 8.5' N of NW corner of building  
**Well Location E/W:** 13' E of NW corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/19/13

**BORING LOG** | **B124**  
 MW124

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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	50/6	100	0.0	B124-60_20131219 B124-60	SP		Wet, very dense, medium to fine SAND with silt and trace gravel, gray, no hydrocarbon odor (10-85-5).		
65	50/6	100	0.0	B124-65	SM		Moist to wet, very dense, silty SAND and gravel, gray, cohesive, no hydrocarbon odor (20-65-15).		
70	50/6	100	0.0	B124-70	SM		Wet, very dense, silty SAND with trace gravel, gray, no hydrocarbon odor (30-60-10).		
75									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 120.5 feet bgs  
**Total Well Depth:** 120 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 110 to 120 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:** RAH  
**Date Started:** 12/19/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 8.5' N of NW corner of building  
**Well Location E/W:** 13' E of NW corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/19/13

**BORING LOG** | **B124**  
 MW124

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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		50/6	100	0.0	B124-75	ML		Damp, very dense, SILT with fine sand, bray, cohesive, no hydrocarbon odor (75-25-0).	
80		50/6	66	0.0	B124-80	ML		Damp, very dense, SILT with fine sand, cohesive, gray, no hydrocarbon odor (50-50-0).	
85		50/6	66	0.0	B124-85	SM		Moist, very dense, silty SAND with gravel, cohesive, gray, no hydrocarbon odor (30-55-15).	
90									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 120.5 feet bgs  
**Total Well Depth:** 120 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 110 to 120 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:** RAH  
**Date Started:** 12/19/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 8.5' N of NW corner of building  
**Well Location E/W:** 13' E of NW corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/19/13

**BORING LOG | B124 MW124**

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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		50/6	60	0.0	B124-90	ML		Damp, very dense, SILT with fine sand, gray, cohesive, no hydrocarbon odor (80-20-0).	
95		50/6	100	0.0	B124-95	ML		Damp, very dense, SILT with fine sand and trace gravel, gray, cohesive, no hydrocarbon odor (50-45-5).	
100		50/6	100	0.0	B124-100	SP		Wet, very dense, medium to fine SAND with silt, gray, no hydrocarbon odor (10-90-0).	
105									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 120.5 feet bgs  
**Total Well Depth:** 120 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 110 to 120 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:** RAH  
**Date Started:** 12/19/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 8.5' N of NW corner of building  
**Well Location E/W:** 13' E of NW corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/19/13

**BORING LOG** | **B124**  
 MW124

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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		50/6	100	0.0	B124-105	SP		Wet, very dense, medium to fine SAND with gravel, dark gray, no hydrocarbon odor (10-90-0).	
110		50/6	33	0.0	B124-110	SP		Wet, very dense, medium to fine SAND with silt, dark gray, no hydrocarbon odor (10-90-0).	
115		50/6	100	0.0	B124-115	SP		Wet, very dense, medium to fine SAND with silt, dark gray, no hydrocarbon odor (10-90-0).	
120									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 120.5 feet bgs  
**Total Well Depth:** 120 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 110 to 120 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:** RAH  
**Date Started:** 12/19/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 8.5' N of NW corner of building  
**Well Location E/W:** 13' E of NW corner of building  
**Reviewed by:** CCC  
**Date Completed:** 12/19/13

**BORING LOG** | **B124**  
 MW124

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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	X	50/6	100	0.0	B124-120	SP		Wet, very dense, medium to fine SAND with silt, dark gray, no hydrocarbon odor (10-90-0).	
125								Boring terminated at 120.5 feet below ground surface (bgs). Two-inch diameter well installed to a depth of 120 feet bgs, screened from 110 to 120 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW124.	
130									
135									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 120.5 feet bgs  
**Total Well Depth:** 120 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 110 to 120 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:** RAH  
**Date Started:** 12/20/13  
**Surface Conditions:** Concrete  
**Well Location N/S:**  
**Well Location E/W:**  
**Reviewed by:** CCC  
**Date Completed:** 12/20/13

**BORING LOG** | **B125**  
 MW125

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**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								Concrete 10 inches thick.	
5	8 9 10		100	0.2	B125-05	SM		Damp, loose, silty SAND with gravel, brown, no hydrocarbon odor (35-45-20).	
10	5 7 8		90	0.2	B125-10	SM		Damp, loose, silty SAND with gravel, brown, no hydrocarbon odor (30-50-20).	
15									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 31.5 feet bgs  
**Total Well Depth:** 30 feet bgs  
**State Well ID No.:** BID 020

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 15 to 30 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:** RAH  
**Date Started:** 12/20/13  
**Surface Conditions:** Concrete  
**Well Location N/S:**  
**Well Location E/W:**  
**Reviewed by:** CCC  
**Date Completed:** 12/20/13

**BORING LOG** | **B125**  
 MW125

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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	6 7 7		100	0.0	B125-15	ML		Damp to moist, loose, SILT with fine sand, greenish gray, no hydrocarbon odor (80-20-0).	
20	2 4 6		100	0.2	B125-20	SM		Wet, loose, silty SAND with gravel, gray, no hydrocarbon odor (30-65-5).	
25	50/6		100	0.0	B125-25	ML		Damp, very dense. SILT with fine sand and gravel, cohesive, gray, no hydrocarbon odor (50-40-10).	
30									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 31.5 feet bgs  
**Total Well Depth:** 30 feet bgs  
**State Well ID No.:** BID 020

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 15 to 30 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:** RAH  
**Date Started:** 12/20/13  
**Surface Conditions:** Concrete  
**Well Location N/S:**  
**Well Location E/W:**  
**Reviewed by:** CCC  
**Date Completed:** 12/20/13

**BORING LOG** | **B125**  
 MW125

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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	8 9 9		100	0.0	B125-30	ML		Damp, loose, SILT with fine sand, brown, no hydrocarbon odor, plastic (80-20-0).	
35								Boring terminated at 31.5 feet below ground surface (bgs). Two-inch diameter well installed to a depth of 30 feet bgs, screened from 15 to 30 feet bgs, and finished with a flush-mounted monument and concrete seal. Completed as monitoring well MW125.	
40									
45									

**Drilling Co./Driller:** Cascade Drilling/ David  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 31.5 feet bgs  
**Total Well Depth:** 30 feet bgs  
**State Well ID No.:** BID 020

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 15 to 30 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:**



**DRAFT**

**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/30/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 162 ft north of NE corner of Seattle City Light Bld  
**Well Location E/W:** 4.5 ft east of NE corner of Seattle City Light Building  
**Reviewed by:**  
**Date Completed:** 12/30/13

**BORING LOG** | **B126**  
 MW126

**Site Address:** 700 Dexter  
 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								Concrete 10" thick	
5								Clear boring with vector truck to depth of approximately 10 feet bgs.	
10	10 16 17		100	400	B126-10	SM		Damp, dense, silty SAND with gravel, gray, moderate hydrocarbon odor (35, 50, 15).	
15					B126-15				

**Drilling Co./Driller:** Cascade/Frank  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 95.5 feet bgs  
**Total Well Depth:** 95 feet bgs  
**State Well ID No.:** BID 021

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 85 to 95 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:**



**DRAFT**

**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/30/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 162 ft north of NE corner of Seattle City Light Bld  
**Well Location E/W:** 4.5 ft east of NE corner of Seattle City Light Building  
**Reviewed by:**  
**Date Completed:** 12/30/13

**BORING LOG** | **B126**  
 MW126

**Site Address:** 700 Dexter  
 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		4 4 4	100	5.7		SM-ML		Moist, loose, silty SAND with gravel, gray, slight hydrocarbon odor (45, 45, 10).	
20		8 4 4	15	3.2	B126-20	SM-ML		Wet, loose, silt with fine SAND, gray, no hydrocarbon odor (55, 45, 0).	
25		8 10 11	100	2.8	B126-25	SP-SM		Wet, loose, fine to medium SAND with silt, gray, no hydrocarbon odor (10, 90, 0).	
30									

**Drilling Co./Driller:** Cascade/Frank  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 95.5 feet bgs  
**Total Well Depth:** 95 feet bgs  
**State Well ID No.:** BID 021

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 85 to 95 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:**



**DRAFT**

**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/30/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 162 ft north of NE corner of Seattle City Light Bld  
**Well Location E/W:** 4.5 ft east of NE corner of Seattle City Light Building  
**Reviewed by:**  
**Date Completed:** 12/30/13

**BORING LOG** | **B126**  
 MW126

**Site Address:** 700 Dexter  
 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	12 16 17		100	0.5	B126-30	SP-SM		Moist, dense, very fine SAND with silt, gray, no hydrocarbon odor (10, 90, 0).	
35	50/6		100	0.0	B126-35	SP-SM		Wet, very dense, very fine SAND with silt, gray, no hydrocarbon odor (10, 90, 0).	
40	50/6		100	0.2	B126-40	SP-SM		Wet, very dense, fine to medium SAND with silt, gray, no hydrocarbon odor (10, 90, 0).	
45									

**Drilling Co./Driller:** Cascade/Frank  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 95.5 feet bgs  
**Total Well Depth:** 95 feet bgs  
**State Well ID No.:** BID 021

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 85 to 95 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:**





**DRAFT**

**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/30/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 162 ft north of NE corner of Seattle City Light Bld  
**Well Location E/W:** 4.5 ft east of NE corner of Seattle City Light Building  
**Reviewed by:**  
**Date Completed:** 12/30/13

**BORING LOG** | **B126**  
 MW126

**Site Address:** 700 Dexter  
 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		50/6	33	0.0	B126-45	ML		Damp, very dense, silt with fine SAND, gray, no hydrocarbon odor (60, 40, 0).	
50		50/6	100	0.0	B126-50	SM-ML		Damp, very dense, silty SAND with gravel, cohesive, gray, no hydrocarbon odor (40, 50, 0).	
55		50/6	33	0.0	B126-55	ML		Damp, very dense, SILT with fine sand and gravel, gray, cohesive, no hydrocarbon odor (50, 40, 10).	
60									

**Drilling Co./Driller:** Cascade/Frank  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 95.5 feet bgs  
**Total Well Depth:** 95 feet bgs  
**State Well ID No.:** BID 021

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 85 to 95 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:**



**DRAFT**

**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/30/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 162 ft north of NE corner of Seattle City Light Bld  
**Well Location E/W:** 4.5 ft east of NE corner of Seattle City Light Building  
**Reviewed by:**  
**Date Completed:** 12/30/13

**BORING LOG** | **B126**  
 MW126

**Site Address:** 700 Dexter  
 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
60		50/6	33	0.0	B126-60	ML		Damp, very dense, SILT with fine sand and gravel, cohesive, gray, no hydrocarbon odor (60, 30, 10).	
65		50/6	33	0.0	B126-65	ML		Damp, very dense, SILT with fine sand and gravel, cohesive, gray, no hydrocarbon odor (60, 30, 10).	
70		50/6	100	0.0	B126-70	ML		Damp, very dense, SILT with fine sand and gravel, cohesive, gray, no hydrocarbon odor (50, 40, 10).	
75									

**Drilling Co./Driller:** Cascade/Frank  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 95.5 feet bgs  
**Total Well Depth:** 95 feet bgs  
**State Well ID No.:** BID 021

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 85 to 95 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:**



**DRAFT**

**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/30/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 162 ft north of NE corner of Seattle City Light Bld  
**Well Location E/W:** 4.5 ft east of NE corner of Seattle City Light Building  
**Reviewed by:**  
**Date Completed:** 12/30/13

**BORING LOG** | **B126**  
 MW126

**Site Address:** 700 Dexter  
 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
75		50/6	33	0.0	B126-75	ML		Damp, very dense, SILT with fine sand and gravel, cohesive, gray, no hydrocarbon odor (50, 40, 10).	
80		50/6	33	0.0	B126-80	ML		Damp, very dense, SILT with fine sand and gravel, cohesive, gray, no hydrocarbon odor (50, 40, 10).	
85		50/6	33	0.0	B126-85	ML		Damp, very dense, SILT with fine sand and gravel, cohesive, gray, no hydrocarbon odor (50, 40, 10).	
90									

**Drilling Co./Driller:** Cascade/Frank  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 95.5 feet bgs  
**Total Well Depth:** 95 feet bgs  
**State Well ID No.:** BID 021

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 85 to 95 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:**



**DRAFT**

**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 12/30/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 162 ft north of NE corner of Seattle City Light Bld  
**Well Location E/W:** 4.5 ft east of NE corner of Seattle City Light Building  
**Reviewed by:**  
**Date Completed:** 12/30/13

**BORING LOG** | **B126**  
 MW126

**Site Address:** 700 Dexter  
 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
90		50/6	0					Slough in sampler.	
95		50/6	100	0.0	B126-95	SP		Wet, very dense, fine to coarse SAND with gravel and silt, gray, no hydrocarbon odor, outwash sands (5, 90, 5).	
								EOB at 95.5 feet bgs. Set well MW126.	
100									
105									

**Drilling Co./Driller:** Cascade/Frank  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 95.5 feet bgs  
**Total Well Depth:** 95 feet bgs  
**State Well ID No.:** BID 021

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 85 to 95 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:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/31/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 155' N of NW corner of city light building  
**Well Location E/W:** 4' W of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/31/13

**BORING LOG** | **B127**  
 MW127

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

**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								Concrete 7 inches thick.	
								Vac clean to 10' bgs.	
10	9 18 16		80	0.0	B127-10	SM		Damp, dense, silty SAND with gravel, brown, no hydrocarbon odor (35-55-10).	
15									

**Drilling Co./Driller:** Cascade Drilling/ Frank  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BID 022

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 15 to 30 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** 2/12 Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** Flush-mount

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/31/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 155' N of NW corner of city light building  
**Well Location E/W:** 4' W of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/31/13

**BORING LOG** | **B127**  
 MW127

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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	4 7 8		90	0.0	B127-15	ML		Moist, loose, SILT with fine sand, gray, no hydrocarbon odor (75-25-0).	
20	16 50/6		0	--	--			Wood in sampler.	
25	50/6		100	0.0	B127-25	GM		Wet, very dense, silty GRAVEL with sand, gray, no hydrocarbon odor (20-20-60). Wood waste and some soil in samler.	
30									

**Drilling Co./Driller:** Cascade Drilling/ Frank  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BID 022

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 15 to 30 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** 2/12 Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** Flush-mount

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/31/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 155' N of NW corner of city light building  
**Well Location E/W:** 4' W of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/31/13

**BORING LOG** | **B127**  
 MW127

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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		50/6	50	0.0	B127-30	SP		Wet, very dense, medium to fine SAND with silt, gray, no hydrocarbon odor (10-90-0).	
35		50/6	70	0.0	B127-35	ML		Damp, very dense, SILT with fine sand, cohesive, gray, no hydrocarbon odor (70-30-0).	
40		50/6	50	0.0	B127-40	ML		Wet, very dense, SILT with fine sand, cohesive, gray, no hydrocarbon odor (60-40-0).	
45								Trace sand with gravel in end of sampler.	

**Drilling Co./Driller:** Cascade Drilling/ Frank  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BID 022

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 15 to 30 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** 2/12 Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** Flush-mount

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001-02  
**Logged by:** RAH  
**Date Started:** 12/31/13  
**Surface Conditions:** Concrete  
**Well Location N/S:** 155' N of NW corner of city light building  
**Well Location E/W:** 4' W of NW corner of city light building  
**Reviewed by:** CCC  
**Date Completed:** 12/31/13

**BORING LOG** | **B127**  
 MW127

**Site Address:** 700 Dexter Avenue North  
 Seattle, WA

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		50/6	100	0.0	B127-45	SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no hydrocarbon odor (40-50-10).	
50		50/6	100	0.0	B127-50	SP		Wet, very dense, medium to fine SAND with silt, brown, no hydrocarbon odor (10-90-0).	
55									
60								Boring terminated at 50.5 feet below ground surface (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 MW127.	

**Drilling Co./Driller:** Cascade Drilling/ Frank  
**Drilling Equipment:** HSA  
**Sampler Type:** D+M  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 50.5 feet bgs  
**Total Well Depth:** 50 feet bgs  
**State Well ID No.:** BID 022

**Well/Auger Diameter:** 2" / 8.25" inches  
**Well Screened Interval:** 15 to 30 feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** 2/12 Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** Flush-mount

**Notes/Comments:**





**DRAFT**

**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** DMM  
**Date Started:** 1/9/14  
**Surface Conditions:** Concrete  
**Well Location N/S:** 22 ft south of fire hydrant  
**Well Location E/W:** 1 ft east of fire hydrant  
**Reviewed by:** --  
**Date Completed:** 1/9/14

**BORING LOG** | **B128**  
 MW128

**Site Address:** 700 Dexter  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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									
5									
10		2 3 4	100	52.8	B128-10	SM		Damp, loose, silty fine SAND with trace gravel, gray, faint hydrocarbon odor (40, 55, 5).	
15									

Boring air-knifed to 10 feet bgs prior to drilling.

Damp, loose, silty fine SAND with trace gravel, gray, faint hydrocarbon odor (40, 55, 5).

**Drilling Co./Driller:** Cascade/Dave  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** 70 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 60 to 70 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:**



**DRAFT**

**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** DMM  
**Date Started:** 1/9/14  
**Surface Conditions:** Concrete  
**Well Location N/S:** 22 ft south of fire hydrant  
**Well Location E/W:** 1 ft east of fire hydrant  
**Reviewed by:** --  
**Date Completed:** 1/9/14

**BORING LOG** | **B128**  
 MW128

**Site Address:** 700 Dexter  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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	5 5 3		50	2.6	B128-15	SM		Wet, loose, wood debris with some soil - silty SAND with gravel, brown, no hydrocarbon odor (20, 70, 10).	
20	4 7 8		33	1.3	B128-20	SM-GM		Wet, medium dense, silty gravelly SAND, dark gray, no hydrocarbon odor (20, 40, 40).	
25	5 9 11		100	0.6	B128-25	SM-ML		Damp, medium dense, fine sandy SILT with trace gravel and wood debris, gray, no hydrocarbon odor (50, 45, 5).	
30									

**Drilling Co./Driller:** Cascade/Dave  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** 70 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 60 to 70 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:**



**DRAFT**

**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** DMM  
**Date Started:** 1/9/14  
**Surface Conditions:** Concrete  
**Well Location N/S:** 22 ft south of fire hydrant  
**Well Location E/W:** 1 ft east of fire hydrant  
**Reviewed by:** --  
**Date Completed:** 1/9/14

**BORING LOG | B128**  
**MW128**

**Site Address:** 700 Dexter  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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	6 10 15	100	0.0	B128-30	SM/SP		Wet, medium dense, fine SAND with silt, dark gray, no hydrocarbon odor (10, 90, 0).		
35	10 10 14	100	0.0	B128-35	ML		Damp, medium dense, sandy SILT with trace gravel and wood debris, gray, no hydrocarbon odor (70, 25, 5).		
40	12 14 15	100	0.0	B128-40	ML		Damp, dense, SILT with fine sand, gray, no hydrocarbon odor (80, 20, 0).		
45									

**Drilling Co./Driller:** Cascade/Dave  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** 70 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 60 to 70 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:**



**DRAFT**

**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** DMM  
**Date Started:** 1/9/14  
**Surface Conditions:** Concrete  
**Well Location N/S:** 22 ft south of fire hydrant  
**Well Location E/W:** 1 ft east of fire hydrant  
**Reviewed by:** --  
**Date Completed:** 1/9/14

**BORING LOG** | **B128**  
 MW128

**Site Address:** 700 Dexter  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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	11 18 19		50	0.6	B128-45	ML		Damp, dense, SILT/CLAY with fine sand, with small sand stringer, gray, no hydrocarbon odor (85, 15, 0).	
50	12 13 15		100	0.6	B128-50	SM-ML		Damp to moist, medium dense, silty fine SAND to sandy SILT, gray, no hydrocarbon odor (50, 50, 0).	
55	12 12 16		75	0.0	B128-55	ML		Damp, dense, fine sandy SILT, gray, no hydrocarbon odor (60, 40, 0).	
60									

**Drilling Co./Driller:** Cascade/Dave  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** 70 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 60 to 70 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:**



**DRAFT**

**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** DMM  
**Date Started:** 1/9/14  
**Surface Conditions:** Concrete  
**Well Location N/S:** 22 ft south of fire hydrant  
**Well Location E/W:** 1 ft east of fire hydrant  
**Reviewed by:** --  
**Date Completed:** 1/9/14

**BORING LOG** | **B128**  
 MW128

**Site Address:** 700 Dexter  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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	16 16 19	100	0.6	B128-60	SM/SP		Moist, dense, fine SAND with silt, gray, no hydrocarbon odor (10, 90, 0).		
65	11 12 14	100	0.0	B128-65	SM/SP		Moist, dense, fine SAND with silt, gray, no hydrocarbon odor (10, 90, 0).		
70	50/6	250	0.0	B128-70	SM/SP		Wet, very dense, fine SAND with silt, gray, no hydrocarbon odor (10, 90, 0).		
75							End of boring at 70.5. Install MW128.		

**Drilling Co./Driller:** Cascade/Dave  
**Drilling Equipment:** HSA  
**Sampler Type:** Split-spoon  
**Hammer Type/Weight:** 300 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** 70 feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 2/8.25 inches  
**Well Screened Interval:** 60 to 70 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:** 3/18/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 35' S of N wall  
**Well Location E/W:** 46' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/18/2013

**BORING LOG** | **DB01**

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 27.40 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								Concrete 6 inches thick at surface.	
5	18 50/6		100	1.3	B-1-05	SP-SM (FILL) SM (FILL)		Damp, very dense, medium to fine SAND with some silt, light brown, no solvent or hydrocarbon odor (10-90-0). Fill material.  Damp, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (20-75-5). Fill material.	
10	2 2 5		100	0.7	B-1-10	SP-SM (FILL)		Moist, loose, medium to fine SAND with silt, brown, no solvent or hydrocarbon odor (10-90-0). Fill material.	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 41 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/18/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 35' S of N wall  
**Well Location E/W:** 46' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/18/2013

**BORING LOG | DB01**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 27.40 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	12-15-17		100	0.0	B-1-15	SM		Moist, medium dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (30-50-20).	
20	11-10-9		100	0.0	B-1-20	ML		Wet, medium dense SILT with fine sand and gravel, light brown, no solvent or hydrocarbon odor (50-30-20).	
25	14-20-21		100	0.0	B-1-25	GM SP-SM		Moist, dense, silty gravelly SAND, brown, no solvent or hydrocarbon odor (15-35-50). Moist, dense, medium fine SAND with silt and gravel, light brown, no solvent or hydrocarbon odor (10-60-30).	
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 41 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/18/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 35' S of N wall  
**Well Location E/W:** 46' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/18/2013

**BORING LOG | DB01**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 27.40 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		50/6	50	0.1	B-1-30	SM		Wet, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (25-55-20).	
35		50/6	50	0.1	B-1-35	ML		Wet, hard SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (50-40-10).	
40		50/6	50	0.4	B-1-40	ML		Damp, hard SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (50-40-10).	
45								Boring terminated at 41 feet below ground surface (bgs). Refusal due to large rock. A temporary well set with screen from 35-40 feet bgs. Backfilled with bentonite chips.	

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 41 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**





**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/18/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 27.0' S of N wall  
**Well Location E/W:** 156.9' E of west wall  
**Reviewed by:** CCC  
**Date Completed:** 3/18/2013

**BORING LOG | DB02**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 25 feet bgs  
**Water Depth After Completion** 17 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0								Asphalt at surface.	
5	1 2 2		100	0.0	B-2-05	ML (FILL)		Wet, soft SILT with gravel and fine sand, olive gray, no solvent or hydrocarbon odor. Black wood ash in bottom 3 inches (55-40-5). Fill material.	
10	3 5 5		100	0.0	B-2-10	ML (FILL)		Moist, stiff SILT with fine sand and trace gravel, gray, no solvent or hydrocarbon odor (50-45-5). Fill material.	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/18/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 27.0' S of N wall  
**Well Location E/W:** 156.9' E of west wall  
**Reviewed by:** CCC  
**Date Completed:** 3/18/2013

**BORING LOG | DB02**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 25 feet bgs  
**Water Depth After Completion** 17 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15	4 5 5		100	0.1	B-2-15	SP-SM SM		Moist, loose, fine to medium SAND with silt, dark gray, no solvent or hydrocarbon odor (10-90-0).  Moist, loose, silty fine SAND, dark gray, no solvent or hydrocarbon odor (35-65-0).	
20	5 15 18		100	4.8	B-2-20	SM		Moist, medium dense, silty medium to fine SAND with trace gravel, brown, no solvent or hydrocarbon odor (20-75-5)  Damp, medium dense, silty fine to medium SAND, brown, no solvent or hydrocarbon odor (25-75-0).	
25	15 50/6		1	0.7	B-2-25	GM		Wet, very dense, GRAVEL with silt and sand, dark brown.	
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/18/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 27.0' S of N wall  
**Well Location E/W:** 156.9' E of west wall  
**Reviewed by:** CCC  
**Date Completed:** 3/18/2013

**BORING LOG | DB02**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 25 feet bgs  
**Water Depth After Completion** 17 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30	15 25 25		5	--	B-2-30	GM		Wet, dense, silty gravelly SAND, brown, no solvent or hydrocarbon odor.	
35	50/6		100	0.1	B-2-35	GM		Wet, very dense, silty gravelly SAND, brown, no solvent or hydrocarbon odor (25-25-50).	
40	50/6		100	0.1	B-2-40	SM-ML		Damp, very dense, silty SAND with gravel, dark gray, cohesive, no hydrocarbon odor (40-40-20).	
45									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/18/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 27.0' S of N wall  
**Well Location E/W:** 156.9' E of west wall  
**Reviewed by:** CCC  
**Date Completed:** 3/18/2013

**BORING LOG | DB02**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 25 feet bgs  
**Water Depth After Completion** 17 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45	X	50/5	40	1.3	B-2-45	SM		Damp, very dense, silty SAND with gravel, gray, cohesive, no solvent or hydrocarbon odor.	
50								<p>Boring terminated at 46.5 feet below ground surface (bgs). A temporary well set with screen from 35 - 40 feet bgs. Collect water sample 20130318-B-2. Remove temporary casing and backfilled with bentonite chips. Finish with concrete.</p>	
55									
60									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** feet bgs  
**Screen Slot Size:** 0.010 inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/27/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 62' N of former building drive  
**Well Location E/W:** 46' W of E property boundary  
**Reviewed by:** CCC  
**Date Completed:** 3/27/2013

**BORING LOG | DB03**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 60 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 at surface.	
5	3 4 3		100	0.5	DB03-05	SM (FILL)		Damp, loose, silty SAND with gravel, brown, no solvent or hydrocarbon odor (15-80-5). Fill material.	
10	4 7 7		100	0.0	Not Sampled	GM (FILL)		Wet, medium dense, gravelly SILT with bricks, black, no solvent or hydrocarbon odor (10-10-80). Fill material.	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 60.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** BC1076

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** Portland Grout  
**Monument Type:** --

**Notes/Comments:**

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**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/27/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 62' N of former building drive  
**Well Location E/W:** 46' W of E property boundary  
**Reviewed by:** CCC  
**Date Completed:** 3/27/2013

**BORING LOG | DB03**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 60 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	3 5 9		100	0.0	DB03-15	SM (FILL)		Wet, loose, silty SAND with gravel, black, wood ash and metal debris, no solvent or hydrocarbon odor (20-65-15). Fill material.	
20	7 7 7		100	0.5	DB03-20	ML		Damp, medium dense SILT with fine sand, greenish gray, no solvent or hydrocarbon odor (60-40-0).	
25	6 7 7		100	0.5	DB03-25	SM		Wet, medium dense, silty medium SAND with gravel, dark gray, no solvent or hydrocarbon odor (40-50-10).	
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 60.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** BC1076

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** Portland Grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/27/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 62' N of former building drive  
**Well Location E/W:** 46' W of E property boundary  
**Reviewed by:** CCC  
**Date Completed:** 3/27/2013

**BORING LOG | DB03**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 60 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	10 10 10		100	0.5	DB03-30	ML		Wet, very stiff SILT with fine sand, gray, no solvent or hydrocarbon odor (60-40-0).	
35	3 4 5		100	0.5	DB03-35	ML		Moist, medium stiff SILT with fine sand, gray, no solvent or hydrocarbon odor (60-40-0).	
40	4 6 7		100	11.1	DB03-40	ML		Moist, stiff SILT with fine sand, brown and gray, no solvent or hydrocarbon odor (60-40-0).	
45									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 60.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** BC1076

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** Portland Grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/27/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 62' N of former building drive  
**Well Location E/W:** 46' W of E property boundary  
**Reviewed by:** CCC  
**Date Completed:** 3/27/2013

**BORING LOG | DB03**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 60 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	10 50/6	75	14.2	DB03-45	SM		Wet, very dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (35-50-15).		
50	50/6	50	8.9	DB03-50	SM		Wet, very dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (30-50-20).		
55	60/5	50	46.0	DB03-55	SM		Wet, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (30-55-20).		
60									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 60.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** BC1076

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** Portland Grout  
**Monument Type:** --

**Notes/Comments:**





**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/27/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 62' N of former building drive  
**Well Location E/W:** 46' W of E property boundary  
**Reviewed by:** CCC  
**Date Completed:** 3/27/2013

**BORING LOG | DB03**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 60 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	X	50/6	50	4.7	DB03-60	SM		Wet, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-55-5).  Boring terminated at 60.5 feet below ground surface(bgs). Set temperature monitoring point. Collect water sample 20130327-DB03-60.	
65									
70									
75									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 60.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** BC1076

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** Portland Grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/21/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 84' S of N wall  
**Well Location E/W:** 51' E of N wall  
**Reviewed by:** CCC  
**Date Completed:** 3/21/2013

**BORING LOG | DB04**

**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								Concrete at surface.	
5	7 15 20		100	1.6	DB04-05	GM-GP		Damp, dense, sandy GRAVEL with silt, brown, no solvent or hydrocarbon odor (10-30-60).	
10	15 18 20		100	3.7	DB04-10	SM		Moist, dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (35-50-15).	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 60.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/21/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 84' S of N wall  
**Well Location E/W:** 51' E of N wall  
**Reviewed by:** CCC  
**Date Completed:** 3/21/2013

**BORING LOG | DB04**

**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	7 9 9		100	1.6	DB04-15	SM		Wet, loose, silty SAND, light brown, no solvent or hydrocarbon odor (35-65-0).	
20	12 12 12		100	45.9	DB04-20	SP-SM		Damp, medium dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (15-65-20).	
25	12 12 20		100	18.9	DB04-25	ML-GM		Wet, medium dense, gravelly SILT with sand, light brown, no solvent or hydrocarbon odor (45-15-40).	
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 60.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/21/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 84' S of N wall  
**Well Location E/W:** 51' E of N wall  
**Reviewed by:** CCC  
**Date Completed:** 3/21/2013

**BORING LOG | DB04**

**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		50/6	50	54.8	DB04-30	SM		Damp, very dense, silty SAND, gray, no solvent or hydrocarbon odor (30-70-0).	
35		50/6	50	98.6	DB04-35	ML		Damp, hard SILT with fine sand and trace gravel, gray, no solvent or hydrocarbon odor (55-40-5).	
40		50/6	50	27.5	DB04-40	ML		Damp, hard SILT with fine sand and trace gravel, cohesive, gray, no solvent or hydrocarbon odor (55-40-5).	
45									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 60.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/21/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 84' S of N wall  
**Well Location E/W:** 51' E of N wall  
**Reviewed by:** CCC  
**Date Completed:** 3/21/2013

**BORING LOG | DB04**

**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	50/5	50	50	17.8	DB04-45	ML		Damp, hard SILT with fine sand and trace gravel, gray, no solvent or hydrocarbon odor (55-40-5). Set conductor at 45 feet bgs.	
50	50/6	50	50	0.8	DB04-50	ML		Damp, very dense SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (50-35-15).	
55	50/6	50	50	0.8	DB04-55	SM		Wet, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
60									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 60.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/21/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 84' S of N wall  
**Well Location E/W:** 51' E of N wall  
**Reviewed by:** CCC  
**Date Completed:** 3/21/2013

**BORING LOG | DB04**

**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	X	50/6	50	0.8	DB04-60	ML		Damp, very dense SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (50-35-15).  Boring terminated at 60.5 feet below ground surface (bgs). Set temporary well at 60 feet bgs. Collected water sample 20130322-DB04-60.	
65									
70									
75									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 60.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/20/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 12.5' N of S wall  
**Well Location E/W:** 65.5' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/20/2013

**BORING LOG | DB05**

**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								Concrete 6 inches thick at surface.	
5	20 25 20		80	1.0	DB05-05	SP-SM		Damp, dense, medium to fine SAND with silt and gravel, light brown, no solvent or hydrocarbon odor (10-80-10).	
10	14 23 24		100	0.6	DB05-10	SM		Damp, dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (25-70-5).	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/20/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 12.5' N of S wall  
**Well Location E/W:** 65.5' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/20/2013

**BORING LOG | DB05**

**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		50/2	30	0.6	DB05-15	SM		Damp, very dense, silty SAND, light brown, no solvent or hydrocarbon odor (35-65-0).	
20		50/6	30	1.9	DB05-20	ML-SM		Damp, very dense, silty SAND with gravel, cohesive, light brown, no solvent or hydrocarbon odor (40-45-15).	
25		50/6	50	3.3	DB05-25	ML-SM		Moist, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (40-45-15).	
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**

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**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/20/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 12.5' N of S wall  
**Well Location E/W:** 65.5' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/20/2013

**BORING LOG | DB05**

**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		50/5	50	8.0	DB05-30	SM		Damp, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
35		50/6	50	24.1	DB05-35	SM-ML		Moist, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (45-45-10).	
40		50/5	50	139.1	DB05-40	ML		Damp, hard, fine sandy SILT with gravel, cohesive, gray, no solvent or hydrocarbon odor (55-35-10).	
45									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/20/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 12.5' N of S wall  
**Well Location E/W:** 65.5' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/20/2013

**BORING LOG | DB05**

**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	50/4	50	50	11.7	DB05-45	ML		Damp, hard SILT with fine sand, gray, no solvent or hydrocarbon odor (55-45-0).	
50	50/5	50	50	0.9	DB05-50	SM		Moist, very dense, silty medium SAND with gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
55	50/6	55	55	0.9	DB05-55	SM		Damp, very dense, silty medium SAND with gravel, gray, no solvent or hydrocarbon odor (40-50-10).	
60									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/20/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 12.5' N of S wall  
**Well Location E/W:** 65.5' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/20/2013

**BORING LOG | DB05**

**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		50/6	55	0.0	DB05-60	ML		Damp, hard SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (50-35-15).	
65		50/6	50	0.0	DB05-65	SP-SM		Moist to wet, very dense, medium to fine SAND with silt and gravel, gray, no solvent or hydrocarbon odor (10-80-10).	
70		50/6	50	0.0	DB05-70	ML		Damp, hard SILT with fine sand and trace gravel, gray, no solvent or hydrocarbon odor (70-25-5). Collect water sample 20130326-DB05-70.	
75								Boring terminated at 70.5 feet below ground surface (bgs).	

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/25/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 39' N of S wall  
**Well Location E/W:** 90' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/25/2013

**BORING LOG | DB06**

**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								6" concrete surfacing.	
5	3 3 3		100	0.4	DB06-05	SM (FILL)		Damp, loose, silty SAND, brown, no solvent or hydrocarbon odor (30-70-0). Fill material.	
10	8 8 8		100	0.4	DB06-10	SM (FILL)		Damp, medium dense, silty SAND, brown, no solvent or hydrocarbon odor (45-55-0). Fill material.	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 80.5 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BC1074

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Portland Grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/25/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 39' N of S wall  
**Well Location E/W:** 90' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/25/2013

**BORING LOG | DB06**

**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	11 12 16		100	0.4	DB06-15	SM		Damp, medium dense, silty medium SAND, light brown, no solvent or hydrocarbon odor (40-60-0).	
20	50/6		50	0.4	DB06-20	SM		Damp, very dense, silty SAND with trace gravel, brown, no solvent or hydrocarbon odor (35-60-5).	
25	50/5		50	4.9	DB06-25	SM		Damp, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (35-55-10).	
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 80.5 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BC1074

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Portland Grout  
**Monument Type:** --

**Notes/Comments:**

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**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/25/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 39' N of S wall  
**Well Location E/W:** 90' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/25/2013

**BORING LOG | DB06**

**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		50/5	50	4.9	DB06-30	SM		Wet, very dense, silty SAND, gray, no solvent or hydrocarbon odor (30-70-0).	
35		50/6	50	14.0	DB06-35	ML		Damp, hard SILT with sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (55-35-10).	
40		50/5	50	1.3	DB06-40	SM		Damp, very dense, silty fine SAND, gray, no solvent or hydrocarbon odor (30-70-0).	
45									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 80.5 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BC1074

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Portland Grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/25/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 39' N of S wall  
**Well Location E/W:** 90' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/25/2013

**BORING LOG | DB06**

**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		50/6	50	2.2	DB06-45	SM		Damp, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
50		50/3	30	0.4	DB06-50	ML		Damp, hard SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (55-35-10).	
55		50/6	55	0.4	DB06-55	ML		Damp, hard SILT with fine sand and trace gravel, dark gray, no solvent or hydrocarbon odor (55-40-5).	
60									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 80.5 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BC1074

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Portland Grout  
**Monument Type:** --

**Notes/Comments:**

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**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/25/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 39' N of S wall  
**Well Location E/W:** 90' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/25/2013

**BORING LOG | DB06**

**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		50/5	50	0.4	DB06-60	ML		Damp, hard SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (55-30-15).	
65		50/3	50	0.9	DB06-65	SM		Damp, very dense, silty SAND with gravel, dark gray, no solvent or hydrocarbon odor (40-45-15).	
70		50/6	50	0.4	DB06-70	ML		Damp, hard SILT with fine sand and gravel, cohesive, dark gray, no solvent or hydrocarbon odor (60-25-15).	
75									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 80.5 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BC1074

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Portland Grout  
**Monument Type:** --

**Notes/Comments:**

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**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/25/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 39' N of S wall  
**Well Location E/W:** 90' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/25/2013

**BORING LOG | DB06**

**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		50/6	50	2.2	DB06-75	ML		Moist to wet, hard SILT with fine sand, dark gray, no solvent or hydrocarbon odor (75-25-0).	
80		50/6	50	0.9	DB06-80	ML		Damp, hard SILT with fine sand and gravel, dark gray, no solvent or hydrocarbon odor (60-30-10).	
85								Boring terminated at 80.5 feet below ground surface (bgs). Set temperature monitoring point. Collect water sample 20130325-DB06-80.	
90									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 80.5 feet bgs  
**Total Well Depth:** 80 feet bgs  
**State Well ID No.:** BC1074

**Well/Auger Diameter:** 2/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** Sand  
**Surface Seal:** Concrete  
**Annular Seal:** Portland Grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/27/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 33' S of roll-up door  
**Well Location E/W:** 127' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/27/2013

**BORING LOG | DB07**

**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								1.5 feet Concrete surfacing.	
5	2 8 8		100	3.7	DB07-05	SM		Moist, medium dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (35-55-10).	
10	7 8 10		100	6.8	DB07-10	SM		Wet, medium dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (25-55-20).	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/27/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 33' S of roll-up door  
**Well Location E/W:** 127' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/27/2013

**BORING LOG | DB07**

**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	10 10 10	100	68.1	DB07-15	SM		Wet, medium dense, silty medium SAND, brown, no solvent or hydrocarbon odor (30-70-0).		
20	22 10 10	100	24.8	DB07-20	SM		Wet, medium dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (35-50-15).		
25	50/6	50	39.6	DB07-25	SM		Damp, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (35-60-5).		
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/27/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 33' S of roll-up door  
**Well Location E/W:** 127' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/27/2013

**BORING LOG | DB07**

**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		50/6			DB07-30			No recovery.	
35		50/6	100	14.0	DB07-35	SM		Wet, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (35-50-15).	
40		50/6	50	5.2	DB07-40	SM-ML		Wet, very dense, silty SAND with gravel, gray, cohesive, no solvent or hydrocarbon odor (40-45-15).	
45									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/27/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 33' S of roll-up door  
**Well Location E/W:** 127' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/27/2013

**BORING LOG | DB07**

**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		50/6	30	23.6	DB07-45	SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (40-50-10).	
50		50/3	30	5.2	DB07-50	SM		Wet, very dense, silty SAND with gravel, gray (40-50-10). Sluff.	
55		50/3	0	--				No recovery.	
60									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/27/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 33' S of roll-up door  
**Well Location E/W:** 127' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/27/2013

**BORING LOG | DB07**

**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		50/3	30	1.7	DB07-60	ML		Damp, hard SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (60-30-10).	
65		50/5	50	7.0	DB07-65	ML		Damp, hard SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (60-30-10).	
70		50/4	50	6.1	DB07-70	ML		Damp, hard SILT with fine sand and gravel, gray, cohesive, no solvent or hydrocarbon odor (60-30-10).	
75								Boring terminated at 70.5 feet below ground surface (bgs). Collected water sample 20130328-DB07-70.	

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/20/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 27' N of S wall  
**Well Location E/W:** 90' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 3/20/2013

**BORING LOG | DB08**

**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								Concrete 6 inches thick at surface.	
5	7 14 9		100	0.7	DB08-05	SP-SM (FILL)		Damp, medium dense, medium to fine SAND with silt, rust color, no solvent or hydrocarbon odor (10-90-0). Fill material.	
10	50/6		50	0.7	DB08-10	SM		Damp, very dense, silty SAND with trace gravel, brown, no solvent or hydrocarbon odor (20-75-5).	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** 70 feet bgs  
**State Well ID No.:** BC1072

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Portland Cement grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/20/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 27' N of S wall  
**Well Location E/W:** 90' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 3/20/2013

**BORING LOG | DB08**

**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		50/5	30	1.5	DB08-15	SM		Damp, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (35-60-5).	
20		50/6	50	11.7	DB08-20	SM-ML		Damp, very dense SILT with sand and gravel, gray, no solvent or hydrocarbon odor (50-45-5).	
25		50/6	50	0.7	DB08-25	ML		Moist, hard SILT with fine sand, gray, no solvent or hydrocarbon odor (60-40-0).	
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** 70 feet bgs  
**State Well ID No.:** BC1072

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Portland Cement grout  
**Monument Type:** --

**Notes/Comments:**





**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/20/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 27' N of S wall  
**Well Location E/W:** 90' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 3/20/2013

**BORING LOG | DB08**

**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		50/6	50	14.6	DB08-30	ML		Moist, hard SILT with fine sand, gray, no solvent or hydrocarbon odor (65-35-0).	
35		50/5	50	30.6	DB08-35	SM		Wet, very dense, silty medium SAND with gravel, gray, no solvent or hydrocarbon odor (35-60-15).	
40		50/6	15	0.0	DB08-40	SM		Damp, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (25-65-10).	
45									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** 70 feet bgs  
**State Well ID No.:** BC1072

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Portland Cement grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/20/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 27' N of S wall  
**Well Location E/W:** 90' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 3/20/2013

**BORING LOG | DB08**

**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		50/6	50	0.7	DB08-45	SM		Damp, very dense, silty fine SAND with gravel, gray, no solvent or hydrocarbon odor (30-60-10).	
50		50/5	50	13.5	DB08-50	SM		Wet, very dense, silty medium SAND with gravel, gray, no solvent or hydrocarbon odor (20-70-10).	
55		50/5	20	3.7	DB08-55	SM		Wet, very dense, silty medium SAND with gravel, gray, no solvent or hydrocarbon odor (20-70-10).	
60									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** 70 feet bgs  
**State Well ID No.:** BC1072

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Portland Cement grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/20/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 27' N of S wall  
**Well Location E/W:** 90' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 3/20/2013

**BORING LOG | DB08**

**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	X	50/5	20	4.8	DB08-60	ML		Damp, hard SILT with medium and fine sand, gray, no solvent or hydrocarbon odor (65-35-0). Collect water sample 20130321-DB08-60 at 60' bgs.	
65	X	50/6	50	7.0	DB08-65	ML		Moist, hard SILT with fine sand, gray, no solvent or hydrocarbon odor (55-45-0).	
70	X	50/6	20	2.7	DB08-70	ML		Moist, hard silty fine SAND, trace gravel, gray, cohesive, no solvent or hydrocarbon odor (55-40-5).	
75								Boring terminated at 70.5 feet below ground surface (bgs). Set temperature monitoring point at 70' bgs.	

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** 70 feet bgs  
**State Well ID No.:** BC1072

**Well/Auger Diameter:** 1/4.25/10.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Portland Cement grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/19/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 27.5' N of S wall  
**Well Location E/W:** 36' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 3/19/2013

**BORING LOG** | **DB09**

**Site Address:** 700 Dexter Avenue North  
 Seattle, Washington

**Water Depth At Time of Drilling** 15 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 at surface.	
5	2 1 2		100	0.0	DB09-05	SM (FILL)		Damp, very loose, silty SAND with gravel and brick fragments, dark brown, no solvent or hydrocarbon odor (25-65-10). Fill material.	
10	5 7 9		100	0.0	DB09-10	SM (FILL)		Damp, medium dense, silty SAND with gravel and brick fragments, dark brown, no solvent or hydrocarbon odor (25-65-10). Fill material.	
15								FILL	

**Drilling Co./Driller:** Cascade  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.8 feet bgs  
**Total Well Depth:** 70.5 feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/19/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 27.5' N of S wall  
**Well Location E/W:** 36' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 3/19/2013

**BORING LOG | DB09**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 15 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		50/6	30	0.0	DB09-15	SM		Wet, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (30-60-10).	
20		10 8 6	100	0.0	DB09-20	SM		Wet, medium dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (25-60-15).	
25		17 50/6	50	0.0	DB09-25	SM		Wet, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (35-55-10).	
30									

**Drilling Co./Driller:** Cascade  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.8 feet bgs  
**Total Well Depth:** 70.5 feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/19/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 27.5' N of S wall  
**Well Location E/W:** 36' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 3/19/2013

**BORING LOG | DB09**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 15 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	60	0.0	DB09-30	SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (30-55-15).	
35		50/6	50	0.0	DB09-35	SM		Damp, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (25-65-10).	
40		50/2	10	0.0	DB09-40	SM		Collected water sample 20130319-DB09-40. Damp, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (30-60-10).	
45									

**Drilling Co./Driller:** Cascade  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.8 feet bgs  
**Total Well Depth:** 70.5 feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/19/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 27.5' N of S wall  
**Well Location E/W:** 36' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 3/19/2013

**BORING LOG | DB09**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 15 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	50	50	0.0	DB09-45	SM		Moist, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (35-60-5).	
50	50/4	30	30	0.0	DB09-50	SM		Moist, very dense, silty SAND with gravel, cohesive, gray, no solvent or hydrocarbon odor (30-60-5).	
55	50/6	25	25	0.0	DB09-55	ML		Damp, hard, SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (50-45-5).	
60									

**Drilling Co./Driller:** Cascade  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.8 feet bgs  
**Total Well Depth:** 70.5 feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/19/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 27.5' N of S wall  
**Well Location E/W:** 36' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 3/19/2013

**BORING LOG | DB09**

**Site Address:** 700 Dexter Avenue North  
Seattle, Washington

**Water Depth At Time of Drilling** 15 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		50/6	50	0.0	DB09-60	ML		Damp, hard SILT with fine sand and trace gravel, cohesive, gray, no solvent or hydrocarbon odor (55-40-5).	
65		50/6	50	0.0	DB09-65	ML		Damp, hard SILT with fine sand and trace gravel, cohesive, gray, no solvent or hydrocarbon odor (55-40-5).	
70		50/6	50	0.0	DB09-70	ML		Damp, hard SILT with fine sand and gravel, cohesive, dark gray, no solvent or hydrocarbon odor (50-40-10).	
75								Boring terminated at 70 feet below ground surface (bgs). Set temperature monitoring point at 70 feet bgs.	

**Drilling Co./Driller:** Cascade  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.8 feet bgs  
**Total Well Depth:** 70.5 feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Grout  
**Monument Type:** --

**Notes/Comments:**





**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/24/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 180' S of N wall  
**Well Location E/W:** 19' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/24/2013

**BORING LOG | DB10**

**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								Concrete 6 inches thick at surface.	
5	2 2 6		100	0.5	DB10-05	SM (FILL)		Moist, loose, silty SAND with gravel, brown, no hydrocarbon odor (25-65-10). Fill material.	
10	9 9 9		100	6.8	DB10-10	SM-ML		Wet, medium dense, silty SAND with gravel, brown, no hydrocarbon odor (45-45-10).	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/24/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 180' S of N wall  
**Well Location E/W:** 19' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/24/2013

**BORING LOG | DB10**

**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		50/6	50	65.7	DB10-15	SM-ML		Moist, very dense, silty SAND with gravel, brown, cohesive, no solvent or hydrocarbon odor (40-45-15).	
20		50/6	50	120.5	DB10-20	ML		Damp, hard SILT with fine sand and trace gravel, gray, no solvent or hydrocarbon odor (55-40-5).	
25		50/6	50	4.7	DB10-25	SM-ML		Damp, very dense, silty SAND with gravel, gray, no solvent or hydrocarbon odor (40-45-15).	
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**  
  
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**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/24/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 180' S of N wall  
**Well Location E/W:** 19' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/24/2013

**BORING LOG | DB10**

**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		50/6	50	396	DB10-30	ML		Damp, hard SILT with fine sand, cohesive, gray, solvent odor (55-40-5).	
35		50/6	50	2,493	DB10-35	ML		Damp, hard SILT with fine sand, cohesive, gray, solvent odor (55-40-5).	
40		50/6	50	92.1	DB10-40	ML		Moist, hard SILT with fine sand and trace gravel, gray, solvent odor. Collected water sample 20130329-DB10-40. Set conductor casing at 40 feet bgs.	
45									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/24/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 180' S of N wall  
**Well Location E/W:** 19' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/24/2013

**BORING LOG | DB10**

**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	50/6	50	82.6	DB10-45	SP-SM		Wet, very dense, medium to fine SAND with gravel and silt, gray, solvent odor (10-80-10).		
50	50/3	30	425	DB10-50	ML		Damp, hard SILT with fine sand, cohesive, gray, solvent odor (65-35-0).		
55	50/6	50	23.0	DB10-55	ML		Damp, hard SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (55-40-5).		
60									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 3/24/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 180' S of N wall  
**Well Location E/W:** 19' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 3/24/2013

**BORING LOG | DB10**

**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		50/5	50	28.9	DB10-60	ML		Damp, hard SILT with fine sand, gray, no solvent or hydrocarbon odor (55-45-0).	
65		50/6	50	16.1	DB10-65	ML		Damp, hard SILT with fine sand, gray, no solvent or hydrocarbon odor (60-40-0).	
70		50/6	50	6.3	DB10-70	ML		Damp to moist, hard SILT with fine sand, gray, no solvent or hydrocarbon odor (50-50-0).	
75								Boring terminated at 70.5 feet below ground surface (bgs). Collected water sample 20130401-DB10-70.	

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 70.5 feet bgs  
**Total Well Depth:** feet bgs  
**State Well ID No.:**

**Well/Auger Diameter:** 1/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/02/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 18.5' N of S wall  
**Well Location E/W:** 14' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 04/02/2013

**BORING LOG | DB11**

**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								6" Concrete surfacing.	
5	7 1 15		100	0.0	DB11-05	SM		Damp, medium dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (15-70-15).	
10	50/6		50	0.0	DB11-10	SM		Damp, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (20-65-15).	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 55.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**

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**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/02/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 18.5' N of S wall  
**Well Location E/W:** 14' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 04/02/2013

**BORING LOG | DB11**

**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	43 50/5	75	0.0	DB11-15	SM		Damp, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (15-75-10).		
20	31 50/3	50	0.6	DB11-20	SM		Moist, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon odor (40-50-10).		
25	50/6	50	2.4	DB11-25	SM		Moist, very dense, silty SAND with gravel, light brown, no solvent or hydrocarbon (40-50-10).		
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 55.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/02/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 18.5' N of S wall  
**Well Location E/W:** 14' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 04/02/2013

**BORING LOG | DB11**

**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		50/6	50	0.6	DB11-30	ML		Moist, hard SILT with fine sand, gray, no solvent or hydrocarbon odor (60-40-0).	
35		50/6	50	0.6	DB11-35	ML		Moist, hard SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (50-40-10).	
40		50/5	50	0.0	DB11-40	ML		Damp, hard SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (50-40-10).	
45									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 55.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**





**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/02/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 18.5' N of S wall  
**Well Location E/W:** 14' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 04/02/2013

**BORING LOG | DB11**

**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		50/6	50	24.6	DB11-45	SM		Wet, very dense, silty medium to fine SAND with gravel, gray, no solvent or hydrocarbon odor (15-75-10).	
50		50/6	50	0.4	DB11-50	ML		Moist, hard SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (50-40-10).	
55		50/6	50	0.4	DB11-55	ML		Damp, hard SILT with fine sand and gravel, gray, no solvent or hydrocarbon odor (50-40-10).	
60								Boring terminated at 55.5 feet below ground surface (bgs). Temporary well set from 50 to 55 feet bgs. Collect groundwater sample 20130402-DB11-55.	

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 55.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/03/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 89' S of N wall  
**Well Location E/W:** 117' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 04/03/2013

**BORING LOG | DB12**

**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								6" Concrete surfacing.	
5	10 10 10		100	0.0	DB12-05	SP (FILL)		Damp, medium dense, medium to fine SAND with silt, brown, no solvent or hydrocarbon odor (10-90-0). Fill material.	
10	10 10 11		100	112	DB12-10	SP (FILL)		Damp, medium dense, medium to fine SAND with silt and gravel, brown, no solvent or hydrocarbon odor (10-80-10). Fill material.	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/03/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 89' S of N wall  
**Well Location E/W:** 117' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 04/03/2013

**BORING LOG | DB12**

**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	3 5 8		100	110.9	DB12-15	SM		Wet, medium dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (30-50-20). Set temporary screen at 15 feet bgs. Collected water sample 20130403-DB12-15.	
20	9 9 9		100	82.0	DB12-20	ML		Moist, very stiff, SILT with fine sand, gray with brown mottling, no solvent or hydrocarbon odor (60-40-0).	
25	7 6 5		100	75.1	DB12-25	ML		Moist, stiff, SILT with fine sand, brown, no solvent or hydrocarbon odor (60-40-0).	
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/03/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 89' S of N wall  
**Well Location E/W:** 117' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 04/03/2013

**BORING LOG | DB12**

**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	7 8 10		100	65.1	DB12-30	SM		Moist, medium dense, silty medium SAND with gravel, brown, no solvent or hydrocarbon odor (30-50-20).	
35	3 3 5		100	13.4	DB12-35	SM-GM		Wet, loose, silty sandy GRAVEL, brown, no solvent or hydrocarbon odor (30-40-30).	
40	50/6		50	51.5	DB12-40	SP-SM		Wet, very dense, medium to fine SAND with silt and trace gravel, gray, no solvent or hydrocarbon odor (10-85-5).	
45									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/03/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 89' S of N wall  
**Well Location E/W:** 117' E of W wall  
**Reviewed by:** CCC  
**Date Completed:** 04/03/2013

**BORING LOG | DB12**

**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	X	50/6	50	75.1	DB12-45	SM		<b>Damp, very dense, silty SAND with gravel, gray, no hydrocarbon odor (35-50-15). Set temporary screen from 40 to 45 feet bgs. Collected water sample 20130403-DB12-45.</b>  <b>Boring terminated at 45.5 feet below ground surface (bgs).</b>	
50									
55									
60									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/03/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 45.8' N of S wall  
**Well Location E/W:** 63.8' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 04/03/2013

**BORING LOG** | **DB13**

**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								6" Concrete surfacing.	
5	1 2 3		100	0.0	DB13-05	ML		Moist, medium stiff, silty fine SAND and gravel, brown, no solvent or hydrocarbon odor (50-40-10).	
10	7 8 9		100	0.4	DB13-10	ML		Moist, very stiff, SILT with fine sand and gravel, brown, no solvent or hydrocarbon odor (60-30-10).	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/03/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 45.8' N of S wall  
**Well Location E/W:** 63.8' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 04/03/2013

**BORING LOG | DB13**

**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	10 10 10		100	0.6	DB13-15	SM		Wet, medium dense, silty SAND with gravel, brown, no solvent or hydrocarbon odor (35-55-10). Set temporary well at 15' bgs. Collected water sample 20130403-DB13-15.	
20	14 15 15		100	4.4	DB13-20	SM		Damp, medium dense, silty SAND with gravel, brown, cohesive, no solvent or hydrocarbon odor (35-55-10).	
25	50/6		50	NR	DB13-25			No recovery.	
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/03/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 45.8' N of S wall  
**Well Location E/W:** 63.8' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 04/03/2013

**BORING LOG | DB13**

**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		50/6	50	18.4	DB13-30	SM		Damp, very dense, silty SAND with gravel, gray, cohesive, no solvent or hydrocarbon odor (35-55-10).	
35		50/6	50	40.2	DB13-35	ML		Damp, hard SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (50-40-10).	
40		50/6	50	3.4	DB13-40	ML		Damp, hard SILT with fine sand and gravel, cohesive, gray, no solvent or hydrocarbon odor (50-40-10).	
45									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**





**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/03/2013  
**Surface Conditions:** Concrete  
**Well Location N/S:** 45.8' N of S wall  
**Well Location E/W:** 63.8' W of E wall  
**Reviewed by:** CCC  
**Date Completed:** 04/03/2013

**BORING LOG | DB13**

**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	X	50/6	50	2.0	DB13-45	ML		<b>Moist, hard, silty fine SAND and gravel, gray, no solvent or hydrocarbon odor (50-40-10). Collected water sample 20130403-DB13-45.</b>  <b>Boring terminated at 45.5 feet below ground surface (bgs).</b>	-----
50									
55									
60									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 45.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/04/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 26' S of N property boundary  
**Well Location E/W:** 37' W of E property boundary  
**Reviewed by:** CCC  
**Date Completed:** 04/04/2013

**BORING LOG | DB14**

**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								4" Asphalt surfacing.	
5		3 3 3	100		DB14-05	ML (FILL)		Moist, loose, SILT with fine sand, gray, no solvent or hydrocarbon odor (60-40-0). Fill material.	
10		1 2 3	100		DB14-10	ML (FILL)		Wet, loose, SILT with fine sand and trace gravel, wood waste, black, moderate hydrocarbon odor. Fill material.	
15									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 46.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/04/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 26' S of N property boundary  
**Well Location E/W:** 37' W of E property boundary  
**Reviewed by:** CCC  
**Date Completed:** 04/04/2013

**BORING LOG | DB14**

**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	2 2 2		100		DB14-15	SM (FILL)		Wet, very loose, silty SAND with gravel wood waste and miscellaneous debris, black, hydrocarbon odor (25-65-10). Fill material. Set temporary well and collected water sample 20130404-DB14-15	
20	2 3 4		50		DB14-20	ML (FILL)		Wet, loose, SILT with fine sand gravel and miscellaneous debris, black, slight hydrocarbon odor (60-35-5). Fill material.	
25	4 8 14		100		DB14-25	ML		Moist, very stiff, SILT with fine sand, greenish gray, no solvent or hydrocarbon odor (55-45-0).	
30									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 46.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/04/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 26' S of N property boundary  
**Well Location E/W:** 37' W of E property boundary  
**Reviewed by:** CCC  
**Date Completed:** 04/04/2013

**BORING LOG | DB14**

**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	14 50/6	50			DB14-30	ML		Damp, very dense SILT with fine sand, light brown, no solvent or hydrocarbon odor (55-45-0).	
35	7 10 12	100			DB14-35	SM		Wet, very dense, silty SAND with trace gravel, gray, no solvent or hydrocarbon odor (35-60-5).	
40	14 14 14	100			DB14-40	SP-SM		Wet, medium dense, medium to fine SAND with silt, gray, no solvent or hydrocarbon odor (10-90-0).	
45									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 46.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**



**Project:** 700 Dexter  
**Project Number:** 0797-001  
**Logged by:** RAH  
**Date Started:** 04/04/2013  
**Surface Conditions:** Asphalt  
**Well Location N/S:** 26' S of N property boundary  
**Well Location E/W:** 37' W of E property boundary  
**Reviewed by:** CCC  
**Date Completed:** 04/04/2013

**BORING LOG | DB14**

**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	11 20 40	100			DB14-45	SM		Moist, very dense, silty SAND, gray, no solvent or hydrocarbon odor (35-65-0). Set temporary well at 45 feet bgs and collected water sample 20130404-DB14-45.	
								Boring terminated at 46.5 feet below ground surface (bgs).	
50									
55									
60									

**Drilling Co./Driller:** Cascade/David  
**Drilling Equipment:** HSA  
**Sampler Type:** Dames and Moore  
**Hammer Type/Weight:** 140 lbs  
**Total Boring Depth:** 46.5 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** --/4.25 inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** Concrete  
**Annular Seal:** Bentonite  
**Monument Type:** --

**Notes/Comments:**



**DRAFT**

**Project:** 700 Dexter Property  
**Project Number:** 0797-001-02  
**Logged by:** CMP  
**Date Started:** 11/02/15  
**Surface Conditions:** Concrete  
**Well Location N/S:** --  
**Well Location E/W:** --  
**Reviewed by:** --  
**Date Completed:** 11/02/15

**BORING LOG | IW01**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

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

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Detail/ Water Depth
0						Concrete		Concrete surface.	
			20	0.0		Fill		Moist, sandy SILT with gravel. Brown and gray. Contains brick fragments. No hydrocarbon or solvent odor (60-30-10). Fill.	
5				0.0		Fill		Moist, sandy SILT with gravel. Contains pieces of asphalt. Mottled gray and orange. No hydrocarbon or solvent odor (60-30-10). Fill.	
			40	0.0		SM		Moist, silty SAND with gravel. Medium brown. No hydrocarbon or solvent odor (25-65-10).	
10				0.0		SM		Wet, silty coarse to medium SAND with gravel. Medium brown and gray. No hydrocarbon or solvent odor (30-60-10).	

**Drilling Co./Driller:** Cascade/Zane  
**Drilling Equipment:** Sonic Rig  
**Sampler Type:** --  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 66 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** -- inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**  
 (60-30-20): Estimated percentages by volume (clay/silt-sand-gravel).



**DRAFT**

**Project:** 700 Dexter Property  
**Project Number:** 0797-001-02  
**Logged by:** CMP  
**Date Started:** 11/02/15  
**Surface Conditions:** Concrete  
**Well Location N/S:** --  
**Well Location E/W:** --  
**Reviewed by:** --  
**Date Completed:** 11/02/15

**BORING LOG | IW01**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

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

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Detail/ Water Depth
			75	0.1		SP		Wet, SAND with silt. Light gray. No hydrocarbon or solvent odor (10-90-0).	
15						CL		Wet, sandy SILT and CLAY. Gray. No hydrocarbon or solvent odor (85-15-0).	
						GP		Moist, silty GRAVEL with sand. Light gray. No hydrocarbon or solvent odor (30-20-50).	
				0.1		SM		Moist, sandy SILT with gravel. Mottled gray and orange. No hydrocarbon or solvent odor (75-20-5).	
						SM		Moist to wet, silty fine to medium SAND with gravel. Light gray. No hydrocarbon or solvent odor (30-65-5).	
20			100	0.1		SM-SP		Wet, silty medium to coarse SAND. Light gray. No hydrocarbon or solvent odor (20-80-0).	
						SM		Wet, silty SAND with gravel. Light gray to brown. No hydrocarbon or solvent odor (25-65-10).	
				0.3		SM		Moist, silty SAND with gravel. Light gray. No hydrocarbon or solvent odor (25-65-10).	

**Drilling Co./Driller:** Cascade/Zane  
**Drilling Equipment:** Sonic Rig  
**Sampler Type:** --  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 66 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** -- inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**  
 (60-30-20): Estimated percentages by volume (clay/silt-sand-gravel).



**DRAFT**

**Project:** 700 Dexter Property  
**Project Number:** 0797-001-02  
**Logged by:** CMP  
**Date Started:** 11/02/15  
**Surface Conditions:** Concrete  
**Well Location N/S:** --  
**Well Location E/W:** --  
**Reviewed by:** --  
**Date Completed:** 11/02/15

**BORING LOG | IW01**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

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

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Detail/ Water Depth
25			100	0.7		SM		Moist, sandy SILT with gravel. Light gray and brown. No hydrocarbon or solvent odor (20-70-10).	
						SM		Dry to moist, very dense, silty SAND and sandy SILT with gravel. Light gray. No hydrocarbon or solvent odor (20-65-15)/(65-20-15).	
				7.9		SM		Dry to moist, gravelly SAND with silt. Light gray. No hydrocarbon or solvent odor (20-55-25).	
30			100	7.5		SM		Sluff: Wet, gravelly SAND with silt and silty SAND with gravel. Light gray. No hydrocarbon or solvent odor (20-55-25)/(30-55-15).	
				8.2		ML		Moist, dense, sandy SILT with clay and some gravel. Light gray. No hydrocarbon or solvent odor (35-60-5).	
						SM		Moist to dry, silty SAND with gravel. Light gray. No hydrocarbon or solvent odor (25-70-5).	
35				5.3		SM		Moist, silty to clayey SAND with gravel. Light gray. No hydrocarbon or solvent odor (30-65-5).	

**Drilling Co./Driller:** Cascade/Zane  
**Drilling Equipment:** Sonic Rig  
**Sampler Type:** --  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 66 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** -- inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**  
 (60-30-20): Estimated percentages by volume (clay/silt-sand-gravel).





**DRAFT**

**Project:** 700 Dexter Property  
**Project Number:** 0797-001-02  
**Logged by:** CMP  
**Date Started:** 11/02/15  
**Surface Conditions:** Concrete  
**Well Location N/S:** --  
**Well Location E/W:** --  
**Reviewed by:** --  
**Date Completed:** 11/02/15

**BORING LOG | IW01**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

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

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Detail/ Water Depth
40				7.3		SM		Moist, silty SAND with some gravel. Light gray. No hydrocarbon odor (35-60-5).	
				10.9		ML		Moist, dense, sandy SILT with gravel. Gray. No hydrocarbon or solvent odor (70-25-5).	
45				0.2		SM		Moist, dense, silty SAND with gravel. Light gray. No hydrocarbon or solvent odor (25-70-5).	
				1.4		SM		Moist, silty SAND with gravel. Light gray. No hydrocarbon or solvent odor (30-65-5).	

**Drilling Co./Driller:** Cascade/Zane  
**Drilling Equipment:** Sonic Rig  
**Sampler Type:** --  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 66 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** -- inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**  
 (60-30-20): Estimated percentages by volume (clay/silt-sand-gravel).



**DRAFT**

**Project:** 700 Dexter Property  
**Project Number:** 0797-001-02  
**Logged by:** CMP  
**Date Started:** 11/02/15  
**Surface Conditions:** Concrete  
**Well Location N/S:** --  
**Well Location E/W:** --  
**Reviewed by:** --  
**Date Completed:** 11/02/15

**BORING LOG | IW01**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

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

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Detail/ Water Depth
50				3.0		SM		Moist, gravelly SAND with silt. Light gray. No hydrocarbon or solvent odor (20-55-25).	
						SM		Moist, silty SAND with gravel. Light gray. No hydrocarbon or solvent odor (35-60-5).	
				0.5		ML		Moist, dense, sandy SILT with gravel. Light gray. No hydrocarbon or solvent odor (60-30-10).	
55				0.3		ML		Moist, sandy SILT with gravel. Light gray. No hydrocarbon or solvent odor (70-20-10).	
				0.3		ML		Moist, dense, sandy SILT with gravel. Light gray. No hydrocarbon or solvent odor (70-25-5).	
60				2.0					

**Drilling Co./Driller:** Cascade/Zane  
**Drilling Equipment:** Sonic Rig  
**Sampler Type:** --  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 66 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** -- inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**  
 (60-30-20): Estimated percentages by volume (clay/silt-sand-gravel).



**DRAFT**

**Project:** 700 Dexter Property  
**Project Number:** 0797-001-02  
**Logged by:** CMP  
**Date Started:** 11/02/15  
**Surface Conditions:** Concrete  
**Well Location N/S:** --  
**Well Location E/W:** --  
**Reviewed by:** --  
**Date Completed:** 11/02/15

**BORING LOG | IW01**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

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

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Detail/ Water Depth
60								No recovery	
65						ML		Moist, sandy SILT with gravel. Light gray. No hydrocarbon or solvent odor (60-30-10).	
70									

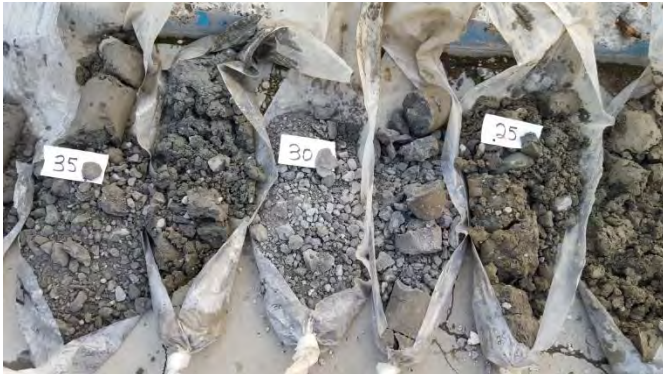
<b>Drilling Co./Driller:</b> Cascade/Zane <b>Drilling Equipment:</b> Sonic Rig <b>Sampler Type:</b> -- <b>Hammer Type/Weight:</b> -- lbs <b>Total Boring Depth:</b> 66 feet bgs <b>Total Well Depth:</b> -- feet bgs <b>State Well ID No.:</b> --	<b>Well/Auger Diameter:</b> -- inches <b>Well Screened Interval:</b> -- feet bgs <b>Screen Slot Size:</b> -- inches <b>Filter Pack Used:</b> -- <b>Surface Seal:</b> -- <b>Annular Seal:</b> -- <b>Monument Type:</b> --	<b>Notes/Comments:</b> (60-30-20): Estimated percentages by volume (clay/silt-sand-gravel).
<b>Page:</b>		<b>6 of 6</b>



Photograph 1. Sonic core of injection well IW01 from approximately 0 to 15 feet bgs.



Photograph 2. Sonic core of injection well IW01 from approximately 15 to 25 feet bgs.



Photograph 3. Sonic core of injection well IW01 from approximately 25 to 35 feet bgs.



Photograph 4. Sonic core of injection well IW01 from approximately 35 to 45 feet bgs.



Photograph 5. Sonic core of injection well IW01 from approximately 45 to 55 feet bgs.



Photograph 6. Sonic core of injection well IW01 from approximately 55 to 66 feet bgs.



**DRAFT**

**Project:** 700 Dexter Property  
**Project Number:** 0797-001-02  
**Logged by:** GCF/CMP  
**Date Started:** 01/13/16  
**Surface Conditions:** Concrete  
**Well Location N/S:** --  
**Well Location E/W:** --  
**Reviewed by:** --  
**Date Completed:** 01/15/16

**BORING LOG | IW06**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

Water Depth At Time of Drilling 53.5 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 Detail/ Water Depth
0						Concrete		Concrete surface.	
				0.1		Fill		Moist, SAND with gravel. Brown. No hydrocarbon or solvent odor (0-70-30). Fill.	
5						Fill		Moist, SAND with gravel. Brown. No hydrocarbon or solvent odor (0-70-30). Fill.	
				0.3		Fill		Moist, SAND with gravel and silt. Gray. No hydrocarbon or solvent odor (10-80-10).	
10						Fill		Moist, SAND with gravel and trace silt. Gray. No hydrocarbon or solvent odor (5-85-10).	
				0.1					
				0.9					
15						Fill		Moist, SAND with gravel and trace silt. Gray. No hydrocarbon or solvent odor (5-85-10).	

**Drilling Co./Driller:** Cascade/Zane  
**Drilling Equipment:** Sonic Rig  
**Sampler Type:** --  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 75 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** -- inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**  
 (10-70-20): Estimated percentages by volume (silt-sand-gravel).



**DRAFT**

**Project:** 700 Dexter Property  
**Project Number:** 0797-001-02  
**Logged by:** GCF/CMP  
**Date Started:** 01/13/16  
**Surface Conditions:** Concrete  
**Well Location N/S:** --  
**Well Location E/W:** --  
**Reviewed by:** --  
**Date Completed:** 01/15/16

**BORING LOG | IW06**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

**Water Depth At Time of Drilling** 53.5 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 Detail/ Water Depth
20				1.8		SM		Moist, silty SAND. Medium brown and gray. No hydrocarbon or solvent odor (10-90-0).	
25				0.0	IW06-25	SM		Moist, silty fine to medium SAND with gravel. Medium brown and grayish. No hydrocarbon or solvent odor (20-70-10).	
						SM		Moist, dense, silty SAND with gravel. Dark gray. No hydrocarbon or solvent odor (15-70-15).	
30				0.0	IW06-30	SM		Moist, dense, silty SAND with gravel. Dark gray. No hydrocarbon or solvent odor (20-70-10).	

**Drilling Co./Driller:** Cascade/Zane  
**Drilling Equipment:** Sonic Rig  
**Sampler Type:** --  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 75 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** -- inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**  
 (10-70-20): Estimated percentages by volume (silt-sand-gravel).



**DRAFT**

**Project:** 700 Dexter Property  
**Project Number:** 0797-001-02  
**Logged by:** GCF/CMP  
**Date Started:** 01/13/16  
**Surface Conditions:** Concrete  
**Well Location N/S:** --  
**Well Location E/W:** --  
**Reviewed by:** --  
**Date Completed:** 01/15/16

**BORING LOG | IW06**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

**Water Depth At Time of Drilling** 53.5 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 Detail/ Water Depth
35				0.0		SM		Moist, dense, gravelly medium SAND with silt. Dark gray. No hydrocarbon or solvent odor (10-70-20).	
						SM		Moist, gravelly SAND with silt. Becomes coarser with increasing depth. Dark gray. No hydrocarbon or solvent odor (10-65-25).	
40				0.0	IW06-40	SM		Moist, silty SAND with gravel. Dark gray. No hydrocarbon or solvent odor (20-70-10).	
						SM		Moist, silty fine to medium SAND with gravel. Dark gray. No hydrocarbon or solvent odor (25-65-10).	
						SM		Wet, medium to coarse SAND with silt and gravel. Dark gray. No hydrocarbon or solvent odor (10-80-10).	
45				0.0					

<b>Drilling Co./Driller:</b> Cascade/Zane <b>Drilling Equipment:</b> Sonic Rig <b>Sampler Type:</b> -- <b>Hammer Type/Weight:</b> -- lbs <b>Total Boring Depth:</b> 75 feet bgs <b>Total Well Depth:</b> -- feet bgs <b>State Well ID No.:</b> --	<b>Well/Auger Diameter:</b> -- inches <b>Well Screened Interval:</b> -- feet bgs <b>Screen Slot Size:</b> -- inches <b>Filter Pack Used:</b> -- <b>Surface Seal:</b> -- <b>Annular Seal:</b> -- <b>Monument Type:</b> --	<b>Notes/Comments:</b> (10-70-20): Estimated percentages by volume (silt-sand-gravel).
<b>Page:</b>		<b>3 of 5</b>



**DRAFT**

**Project:** 700 Dexter Property  
**Project Number:** 0797-001-02  
**Logged by:** GCF/CMP  
**Date Started:** 01/13/16  
**Surface Conditions:** Concrete  
**Well Location N/S:** --  
**Well Location E/W:** --  
**Reviewed by:** --  
**Date Completed:** 01/15/16

**BORING LOG | IW06**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

Water Depth At Time of Drilling 53.5 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 Detail/ Water Depth
50				0.0	IW06-50	SM		Moist, dense, silty SAND with gravel. Light gray. No hydrocarbon or solvent odor (25-65-10).	
						ML		Moist, sandy SILT with gravel. Dark gray. No hydrocarbon or solvent odor (60-30-10).	
55				0.0	IW06-55	SM		Moist, silty SAND with gravel. Dark gray. No hydrocarbon or solvent odor (20-60-20).	
						SM		Wet, SAND with silt and trace gravel. Dark gray. No hydrocarbon or solvent odor (10-85-5).	
60				0.0	IW06-60	SM		Moist, silty SAND with gravel. Dark gray. No hydrocarbon or solvent odor (20-65-15).	

**Drilling Co./Driller:** Cascade/Zane  
**Drilling Equipment:** Sonic Rig  
**Sampler Type:** --  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 75 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** -- inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**  
 (10-70-20): Estimated percentages by volume (silt-sand-gravel).





**DRAFT**

**Project:** 700 Dexter Property  
**Project Number:** 0797-001-02  
**Logged by:** GCF/CMP  
**Date Started:** 01/13/16  
**Surface Conditions:** Concrete  
**Well Location N/S:** --  
**Well Location E/W:** --  
**Reviewed by:** --  
**Date Completed:** 01/15/16

**BORING LOG | IW06**

**Site Address:** 700 Dexter Avenue North  
Seattle, WA

**Water Depth At Time of Drilling** 53.5 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 Detail/ Water Depth
65				0.0	IW06-65	SM		Moist, silty SAND with gravel. Dark gray. No hydrocarbon odor (25-60-15).	
70				0.0	IW06-70	SM		Moist, silty SAND with gravel. Dark gray. No hydrocarbon or solvent odor (20-65-15).	
						SM		Wet, gravelly SAND with silt. Dark gray. No hydrocarbon or solvent odor (10-85-15).	
75					IW06-75	ML		Moist, sandy SILT with gravel. Gray. No hydrocarbon or solvent odor (55-35-10).	
								End of boring at 75 ft bgs. Temporary injection well IW06 installed to ~75 feet bgs. EOS injected into temporary well before the well was abandoned and backfilled with bentonite chips.	
80									

**Drilling Co./Driller:** Cascade/Zane  
**Drilling Equipment:** Sonic Rig  
**Sampler Type:** --  
**Hammer Type/Weight:** -- lbs  
**Total Boring Depth:** 75 feet bgs  
**Total Well Depth:** -- feet bgs  
**State Well ID No.:** --

**Well/Auger Diameter:** -- inches  
**Well Screened Interval:** -- feet bgs  
**Screen Slot Size:** -- inches  
**Filter Pack Used:** --  
**Surface Seal:** --  
**Annular Seal:** --  
**Monument Type:** --

**Notes/Comments:**  
 (10-70-20): Estimated percentages by volume (silt-sand-gravel).

# RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

**CURRENT**

Notice of Intent No. RE12460

**Construction/Decommission**

Construction  
 Decommission ORIGINAL INSTALLATION Notice of Intent Number \_\_\_\_\_

Type of Well  
 Resource Protection  
 Geotechnical Soil Boring

Consulting Firm Sound Earth Strategies

Property Owner 700 Dexter LLC  
 Site Address 700 Dexter  
 City Seattle County King

Unique Ecology Well ID Tag No. BIX-340

Location 1/4 SW 1/4 NE Sec. 30 TWN 25N R. 4E or WWM  EWM

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards

Lat/Long (s,l,r still Required) Lat Deg. x Lat Min/Sec x  
 Long Deg. x Long Min/Sec x

Materials used and the information reported above are true to my best knowledge and belief

Tax Parcel No. 0

Driller  Trainee Name (Print) James Goble  
 Driller/Trainee Signature \_\_\_\_\_  
 Driller/Trainee License No. 3131

Cased or Uncased Diameter 14" - 0" - 40" Static Level 16'  
8" - 40" - 80"

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

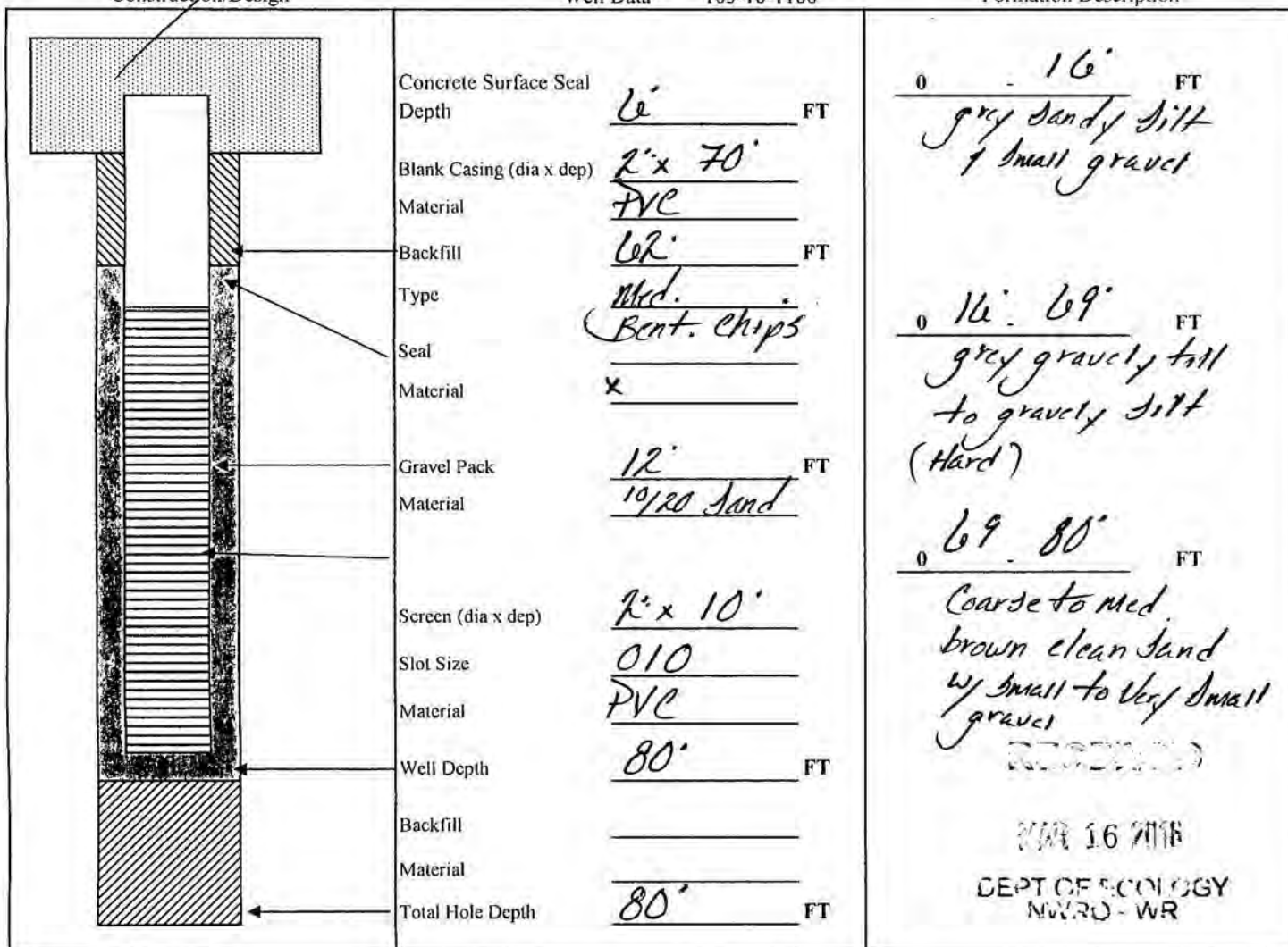
Work/Decommission Start Date 3-1-16

Work/Decommission End Date 3-2-16

Construction/Design

Well Data 103-16-1166

Formation Description



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

# RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

**CURRENT**

Notice of Intent No. RE12460

**Construction/Decommission**

Construction  
 Decommission ORIGINAL INSTALLATION Notice of Intent Number \_\_\_\_\_

Type of Well  
 Resource Protection  
 Geotechnical Soil Boring

Consulting Firm Sound Earth Strategies

Property Owner 700 Dexter LLC  
 Site Address 700 Dexter  
 City Seattle County King

Unique Ecology Well ID BIX 341  
 Tag No. \_\_\_\_\_

Location 1/4 SW 1/4 NE Sec 30 TWN 25N R 4E or WWM

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards.

Lat/Long (s,l,r still Required) Lat Deg x Lat Min/Sec x  
 Long Deg x Long Min/Sec x

Materials used and the information reported above are true to my best knowledge and belief

Tax Parcel No. 0

Driller  Trainee Name (Print) James Goble  
 Driller/Trainee Signature \_\_\_\_\_  
 Driller/Trainee License No. 3131

Cased or Uncased Diameter 14" - 0' - 40"  
8" 10' - 56" Static Level 14'

Work/Decommission Start Date 3-3-16

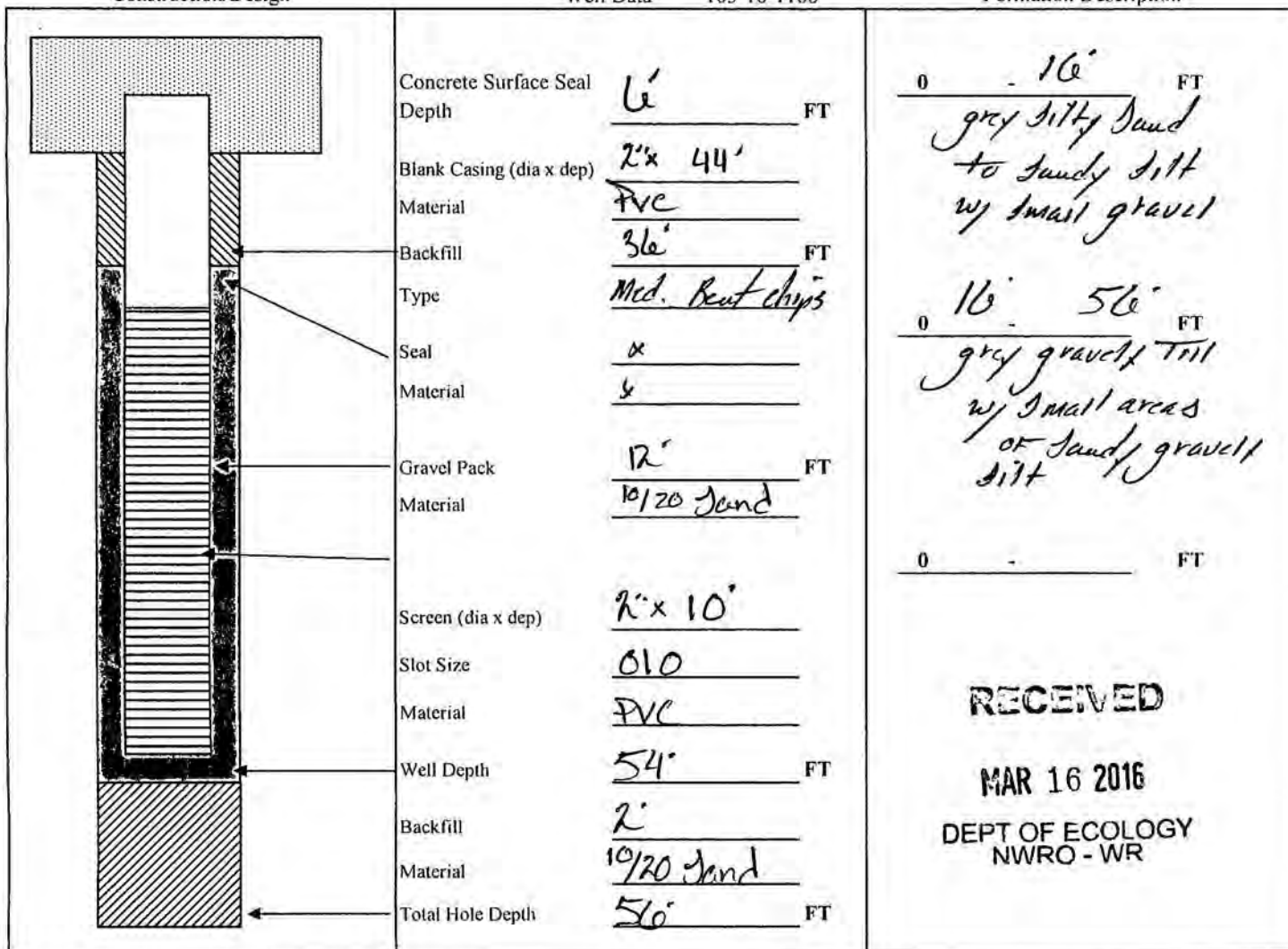
If trainee, licensed driller's Signature and License No. \_\_\_\_\_

Work/Decommission End Date 3-4-16

**Construction/Design**

**Well Data** 103-16-1166

**Formation Description**



**RECEIVED**  
**MAR 16 2016**  
 DEPT OF ECOLOGY  
 NWRO - WR

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

# LOG OF BORING NO. B-201

Figure No. A-2

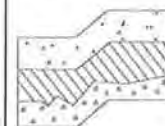
Project: 700 Dexter Avenue Project No: T-7612 Date Drilled: June 19, 2017

Client: BioMed Realty Driller: Holocene Drilling Logged By: NRH

Location: Seattle, Washington Depth to Groundwater: 22.5 Ft., 45.5 Ft. Approx. Elev: 40 Feet

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	SPT (N) Blows/foot			Moisture Content (%)
				10	30	50	
0		FILL: Brown silty SAND with gravel, fine grained, moist. (SM)					
5		Cuttings appeared wet between samples.	Loose				12.4
10		Gray silty SAND with gravel, fine grained, moist. (SM) (Till)					11.7
15		Increased drilling resistance at 13 feet. Lightly mottled.					9.9
20		<b>DRAFT</b>	Very Dense				6.5
25							7.4
30				Becomes fine to medium grained.			

NOTE: This borehole log has been prepared for geotechnical purposes. This information pertains only to this boring location and should not be interpreted as being indicative of other areas of the site



**Terra Associates, Inc.**  
 Consultants in Geotechnical Engineering  
 Geology and  
 Environmental Earth Sciences

# LOG OF BORING NO. B-201

Figure No. A-2

Project: 700 Dexter Avenue Project No: T-7612 Date Drilled: June 19, 2017

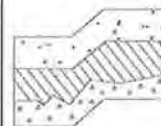
Client: BioMed Realty Driller: Holocene Drilling Logged By: NRH

Location: Seattle, Washington Depth to Groundwater: 22.5 Ft., 45.5 Ft. Approx. Elev: 40 Feet

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	SPT (N) Blows/foot			Moisture Content (%)	
				10	30	50		
30		Becomes fine grained.	Very Dense					
35							50/6"	13.5
40							50/4"	12.5
45		Wet.					50/4"	11.0
50		Gray SAND, medium grained, wet. (SP)					50/3"	10.5
55		Boring terminated at 50.5 feet. Perched groundwater at 22.5 feet. Groundwater at 45.5 feet.				50/5"	10.0	
60								

**DRAFT**

NOTE: This borehole log has been prepared for geotechnical purposes. This information pertains only to this boring location and should not be interpreted as being indicative of other areas of the site



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 Environmental Earth Sciences

# LOG OF BORING NO. B-202

Figure No. A-3

Project: 700 Dexter Avenue Project No: T-7612 Date Drilled: June 19, 2017

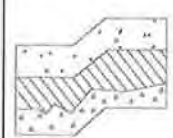
Client: BioMed Realty Driller: Holocene Drilling Logged By: NRH

Location: Seattle, Washington Depth to Groundwater: 20 Ft., 30.5 Ft. Approx. Elev: 40 Feet

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	SPT (N) Blows/foot			Moisture Content (%)
				10	30	50	
0		(6-inch CONCRETE SLAB)					
5		FILL: Brown silty SAND with gravel, fine grained, moist, silty lenses. (SM)	Medium Dense			17	10.0
10						24	14.1
15		Brown silty SAND with gravel and GRAVEL with sand and silt, medium grained, wet to saturated. (SM/GM) (Weathered till)	Dense			36	15.3
20			Medium Dense			22	10.5
25		Gray silty SAND with gravel, fine grained, moist. (SM) (Till)	Very Dense			56	12.5
30							

DRAFT

NOTE: This borehole log has been prepared for geotechnical purposes. This information pertains only to this boring location and should not be interpreted as being indicative of other areas of the site



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# LOG OF BORING NO. B-202

Figure No. A-3

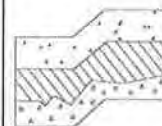
Project: 700 Dexter Avenue Project No: T-7612 Date Drilled: June 19, 2017

Client: BioMed Realty Driller: Holocene Drilling Logged By: NRH

Location: Seattle, Washington Depth to Groundwater: 20 Ft., 30.5 Ft. Approx. Elev: 40 Feet

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	SPT (N) Blows/foot			Moisture Content (%)	
				10	30	50		
30		Gray SAND, fine grained, wet. (SP)	Dense			46	11.2	
35		<b>DRAFT</b>	Very Dense			50/3"	9.6	
40						50/5"	17.6	
45				Gray SAND with silt, fine grained, moist to wet. (SP/SM)			50/6"	13.0
50				Gray SILT with sand, fine grained, moist. (ML)			50/6"	20.1
50.5		Boring terminated at 50.5 feet. Perched groundwater at 20 feet and 30.5 feet.						
60								

NOTE: This borehole log has been prepared for geotechnical purposes. This information pertains only to this boring location and should not be interpreted as being indicative of other areas of the site



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 Environmental Earth Sciences

# LOG OF BORING NO. B-203

Figure No. A-4

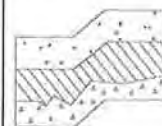
Project: 700 Dexter Avenue Project No: T-7612 Date Drilled: June 20, 2017

Client: BioMed Realty Driller: Holocene Drilling Logged By: NRH

Location: Seattle, Washington Depth to Groundwater: 23.5 Ft., 55 Ft. Approx. Elev: N/A

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	SPT (N) Blows/foot			Moisture Content (%)
				10	30	50	
0		(2 to 3 inches ASPHALT) FILL: Gray silty SAND with gravel, fine grained, moist. (SM) Brick fragments					
5		FILL: Brown SILT with sandy lenses, fine grained, moist with wet lenses, wood debris. (ML)	Loose			7	14.8
10		<b>DRAFT</b>	Very Loose			3	47.2
15						2	30.2
20		Gray silty SAND with gravel and sandy SILT, fine grained, medium grained SAND lenses, moist. (SM/ML) (Weathered till)	Medium Dense			13	18.3
25		Gray SAND, medium to coarse grained, wet. (SP) (Till, ice contact)				24	13.5
30		Gray sandy SILT, moist. (ML)	Dense to Very Dense				
30		Gray silty SAND and sandy SILT, fine grained, moist. (SM/ML)				53	19.2
35		Gray SAND, medium grained, wet, silty lenses. (SP)				45	13.5
40		Tan silty GRAVEL with coarse grained SAND, moist. (GM)				51	13.4

NOTE: This borehole log has been prepared for geotechnical purposes. This information pertains only to this boring location and should not be interpreted as being indicative of other areas of the site



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# LOG OF BORING NO. B-203

Figure No. A-4

Project: 700 Dexter Avenue Project No: T-7612 Date Drilled: June 20, 2017

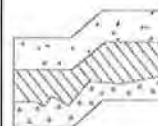
Client: BioMed Realty Driller: Holocene Drilling Logged By: NRH

Location: Seattle, Washington Depth to Groundwater: 23.5 Ft., 55 Ft. Approx. Elev: N/A

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	SPT (N) Blows/foot			Moisture Content (%)	
				10	30	50		
45		Gray SAND, fine to medium grained, moist to wet. (SP)	Very Dense				10.7	
		Tan and gray silty SAND with gravel, moist, mottled. (SM) (Till)						
50		Becomes gray.						10.9
55		Wet.						
60								15.7
65		Moist.						12.9
70								10.7
75								9.4
80							13.9	
		Boring terminated at 80.5 feet. Perched groundwater at 23.5 feet and 55 feet.						
85								

**DRAFT**

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# LOG OF BORING NO. B-204

Figure No. A-5

Project: 700 Dexter Avenue Project No: T-7612 Date Drilled: June 20, 2017

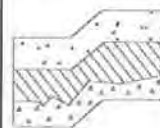
Client: BioMed Realty Driller: Holocene Drilling Logged By: NRH

Location: Seattle, Washington Depth to Groundwater: 16.5 Ft., 38 Ft. Approx. Elev: 40 Feet

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	SPT (N) Blows/foot			Moisture Content (%)
				10	30	50	
0		(6-inch CONCRETE SLAB) FILL: Brown silty SAND with gravel, fine grained, moist. (SM) Metal debris	Loose				12.0
5		FILL: Gray SAND with gravel and silt, fine to medium grained, moist. (SP-SM)				8	
10		Gray silty SAND and sandy SILT, fine grained, moist to wet. (SM) (Weathered till/ice contact)	Dense				9.2
15						42	
20		Saturated.	Very Dense				13.3
25		Gray silty SAND with gravel and sandy SILT, fine grained, moist, sandy lenses. (SM) (Till)				48	
30						41	
						49	12.7

**DRAFT**

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# LOG OF BORING NO. B-204

Figure No. A-5

Project: 700 Dexter Avenue Project No: T-7612 Date Drilled: June 20, 2017

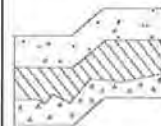
Client: BioMed Realty Driller: Holocene Drilling Logged By: NRH

Location: Seattle, Washington Depth to Groundwater: 16.5 Ft., 38 Ft. Approx. Elev: 40 Feet

Depth (ft)	Sample Interval	Soil Description	Consistency/ Relative Density	SPT (N) Blows/foot			Moisture Content (%)	
				10	30	50		
30		1-inch diameter gravel.  Becomes siltier and wet.  Moist to wet.  Medium grained sand lenses.	Very Dense					
35							50/6"	11.6
40							50/6"	7.5
45							50/4"	13.3
50							53	12.6
50						50/6"	13.5	
55		Boring terminated at 50.5 feet due to refusal. Perched groundwater at 16.5 ft. and 38 ft.						
60								

**DRAFT**

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