

REVISIONS

#	DATE	DESCRIPTION
1	10/28/10	BORING PROG. & NUM.
2	11/22/10	BORINGS PLACED BY OUTFALL LOC.

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NOTES:

1. THE PROPOSED BORING LOCATIONS SHOWN HEREON ARE APPROXIMATE. ACTUAL LOCATIONS OF SAMPLES WILL VARY DURING THE SITE INVESTIGATION.
2. PROPERTY LINES AND OWNERSHIP SHOWN HEREON ARE APPROXIMATE AND ARE BASED ON DATA PROVIDED BY THE ASSESSORS OFFICE OF THE CITY OF NEW BEDFORD.
3. BACKGROUND IMAGES SHOWN HEREON ARE PROVIDED COURTESY OF MASSGIS.
4. BORING LOCATIONS FROM PREVIOUS ENVIRONMENTAL INVESTIGATIONS ARE APPROXIMATE AND WERE SCALED INTO LOCATION FROM RECORD PLANS.
5. EXISTING AND POSSIBLE EXISTING STORM DRAIN AND COMBINED SEWER OVERFLOW (CSO) LOCATIONS AND SIZES SHOWN ARE FROM RECORD PLANS AND HAVE NOT BEEN FIELD VERIFIED.

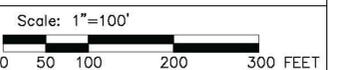
- 1.0 FEET PEAT CORER LOCATION WITH THICKNESS OF FINE-GRAINED ORGANIC AND/OR INORGANIC MATERIAL AS MEASURED FROM MUDLINE
- PEAT CORER AND WATER COLUMN LOCATION
- VIBROCORE AND PEAT CORER SIDE-BY-SIDE LOCATIONS
- PEAT CORER LOCATION

PREPARED FOR:

THE NEW BEDFORD HARBOR DEVELOPMENT COMMISSION
NEW BEDFORD, MASSACHUSETTS

DRAWING TITLE:

SOUTH TERMINAL MARINE INFRASTRUCTURE PARK INTER-TIDAL AND SUB-TIDAL THICKNESSES OF FINE-GRAINED ORGANIC OR INORGANIC MATERIAL



Date	10/28/10	Drawing No.
Proj. Mgr.		
Design	CWM	
Check	JAB	
Drawn	GCD	
Job. No.	6615	
Last Rev.	2/8/11	FIG. 3





Sample Date:2/11/11

BORING LOG

Project:	New Bedford Harbor	Project No:	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW): Total Boring Depth: 6.0'			Boring No:
Casing Type:	Time:	15:25	
Vibracore Dia:	4"	Recovery Length Vibracore:	NBH_PH4SAP_VC_01
Peat Corer Dia:	2"	Recovery Length Peat Corer:	
Drill Co:	Apex Cos.	Method:	Sheet: <u>1 of 1</u>
Driller:	N/A	Log By:	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Peat Corer: Black organic SILT.	
	1-2	N/A	12/12	Peat Corer: Black organic SILT.	
	2-3	N/A	12/12	Peat Corer: Black organic SILT.	
	3-4	N/A	12/12	Peat Corer: Black organic SILT.	
	4-5	N/A	12/12	Peat Corer: Black organic SILT interbedded with inorganic silt.	
	5-6	N/A	12/12	Peat Corer: Tan TILL, some inorganic silt.	
				Refusal of Vibracore and Peat Corer at 6 feet.	

Comments: Peat core collected at same time as vibracore to retrieve uncompressed, relatively undisturbed, fine-grained sediment samples with which to correlate depth intervals of stratigraphic changes within vibracore sample. Depth intervals shown until break noted above are based on stratigraphy revealed in the uncompressed peat core. Peat corer and vibracorer aligned by presence of defining layer (immediately prior to break) in both the peat corer and vibracore. Depth intervals shown after break (if applicable) are based on stratigraphy revealed in the vibracore.



Sample Date:2/11/11

BORING LOG

Project:	New Bedford Harbor	Project No:	N:	
Location:	South Terminal	6690.009	E:	
Corrected Water Depth (MLW): Total Boring Depth: 4.0'			Boring No:	
Casing Type:	Time:	14:45		
Vibracore Dia:	4"	Recovery Length Vibracore:	3.6'	NBH_PH4SAP_VC_02
Peat Corer Dia:	2"	Recovery Length Peat Corer:	4.0'	
Drill Co:	Apex Cos.	Method:	Vibracore and Peat Corer	
Driller:	N/A	Log By:	GCD	
			Sheet: <u>1 of 1</u>	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Peat Corer: Black organic SILT, trace human hair. Duplicate Collected: DUP2	
	1-2	N/A	12/12	Peat Corer: Black organic SILT interbedded with dark grey inorganic silt.	
	2-3	N/A	12/12	Peat Corer: Black to dark grey organic SILT.	
	3-4	N/A	12/12	Peat Corer: Dark grey fine to coarse SAND, some silt, trace fine gravel.	
				Refusal of Vibracore and Peat Corer at 4 feet.	

Comments: Peat core collected at same time as vibracore to retrieve uncompressed, relatively undisturbed, fine-grained sediment samples with which to correlate depth intervals of stratigraphic changes within vibracore sample. Depth intervals shown until break noted above are based on stratigraphy revealed in the uncompressed peat core. Peat corer and vibracorer aligned by presence of defining layer (immediately prior to break) in both the peat corer and vibracore. Depth intervals shown after break (if applicable) are based on stratigraphy revealed in the vibracore.



Sample Date:2/11/11

BORING LOG

Project:	New Bedford Harbor	Project No:	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW): Total Boring Depth: 4.0'			Boring No:
Casing Type:	Time:	11:30	
Vibracore Dia:	4"	Recovery Length Vibracore:	NBH_PH4SAP_VC_03
Peat Corer Dia:	2"	Recovery Length Peat Corer:	
Drill Co:	Apex Cos.	Method:	Sheet: 1 of 1
Driller:	N/A	Log By:	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
				Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%	

	0-1	N/A	12/12	Peat Corer: Black organic SILT, trace fine sand. Duplicate collected: DUP 8	
	1-2	N/A	12/12	Peat Corer: Black organic SILT interbedded with dark grey silt.	
	2-3	N/A	12/12	Peat Corer: Black organic SILT interbedded with dark grey silt, trace fine to . coarse sand.	
	3-4	N/A	12/12	Peat Corer: Black fine to coarse SAND, some organic silt, band of frey fine to coarse sand at 3.7'.	
				Refusal of Peat Corer and Vibracore at 4.0'.	

Comments: Peat core collected at same time as vibracore to retrieve uncompressed, relatively undisturbed, fine-grained sediment samples with which to correllate depth intervals of stratigraphic changes within vibracore sample. Depth intervals shown until break noted above are based on stratigraphy revealed in the uncompressed peat core. Peat corer and vibracorer aligned by presence of defining layer (immediately prior to break) in both the peat corer and vibracore. Depth intervals shown after break (if applicable) are based on stratigraphy revealed in the vibracore.



Sample Date:2/10/11

BORING LOG

Project: New Bedford Harbor	Project No:	N:
Location: South Terminal	6690.009	E:
Corrected Water Depth (MLW): Total Boring Depth: 4.9'		Boring No: NBH_PH4SAP_VC_04 Sheet: <u>1 of 1</u>
Casing Type:	Time: 14:50	
Vibracore Dia: 4"	Recovery Length Vibracore: 3.5'	
Peat Corer Dia: 2"	Recovery Length Peat Corer: 4.0'	
Drill Co: Apex Cos.	Method: Vibracore and Peat Corer	
Driller: N/A	Log By: GCD	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Peat Corer: Black organic SILT, little shell hash. Duplicate collected: DUP 7	
	1-2	N/A	12/12	Peat Corer: Black organic SILT.	
	2-3	N/A	12/12	Peat Corer: Black organic SILT.	
	3-4	N/A	12/12	Peat Corer: Black fine to coarse SAND, little shell hash, some organic silt.	
				Refusal of Peat Core at 4.0'. Depth intervals shown hereon are based upon stratigraphy revealed in vibracore.	
	4-4.9	N/A	10.8/10.8	Vibracore: Tan and dark grey, fine SAND. Grades to fine to coarse SAND, trace gravel.	
				Refusal of Vibracore at 4.9'.	

Comments: Peat core collected at same time as vibracore to retrieve uncompressed, relatively undisturbed, fine-grained sediment samples with which to correlate depth intervals of stratigraphic changes within vibracore sample. Depth intervals shown until break noted above are based on stratigraphy revealed in the uncompressed peat core. Peat corer and vibracorer aligned by presence of defining layer (immediately prior to break) in both the peat corer and vibracore. Depth intervals shown after break noted above are based on stratigraphy revealed in the vibracore.



Sample Date: 2/10/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW): Total Boring Depth: 3.0'				Boring No:	
Casing Type:		Time:	13:15	NBH_PH4SAP_VC_05	
Casing Dia:	4"	Recovery Length:	2.3'	Sheet: <u>1 of 1</u>	
Drill Co:	Apex Cos.	Method:	Vibracore		
Driller:	N/A	Log By:	GCD		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black organic SILT, trace shell hash, trace fine to coarse sand. Duplicate collected: DUP 6	
	1-2	N/A	12/12	Dark grey coarse SAND, some fine to medium sand, trace silt.	
	2-2.3	N/A	3.6/3.6	Dark to grey, coarse SAND, some fine to medium sand, trace silt.	

Comments:



Sample Date:
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		3.4'		
Casing Type:	Time:		Boring No:		
Casing Dia:	2"	Recovery Length:	3.4'	NBH_PH4SAP_PC13E_01	
Drill Co:	N/A	Method:	Peat Corer	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					
	0-1	N/A	12/12	Black Organic Silt	D
	1-2	N/A	12/12	Black Organic Silt	E
	2-3	N/A	12/12	Black Organic Silt, trace inorganic silt	F
	3-3.4	N/A	5/12	Dark grey inorganic silt and fine sand Refusal at 3.4	G

Comments:



Sample Date: 12/16/2011
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLLW):	Total Boring Depth:		3'		
Casing Type:	Time:		Boring No:		
Casing Dia:	2"	Recovery Length:	3'	NBH_PH4SAP_PC13E_02	
Drill Co:	N/A	Method:	Peat_Corer	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black Organic Silt	D
	1-2	N/A	12/12	Black Organic Silt	E
	2-3	N/A	12/12	Dark Grey Organic Silt. Increasing Inorganic Silt Content Refusal at 3.0'	F

Comments:



Sample Date: 12/17/2010

Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth: 1.0'		Boring No:
Casing Type:	Time:		
Casing Dia:	N/A	Recovery Length: 1.0'	NBH_PH4SAP_PC13E_02A
Drill Co:	N/A	Method: PONAR	Sheet: <u>1 of 1</u>
Driller:	N/A	Log By: GCD/JER	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
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Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%

	0-1	N/A	12/12	Black Organic Silt	

Comments:



Sample Date: 12/16/2011

Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth: 2.0'		Boring No:
Casing Type:	Time:		
Casing Dia:	2"	Recovery Length: 2.0'	NBH_PH4SAP_PC13E_03
Drill Co:	N/A	Method: Peat_Corer	Sheet: <u>1 of 1</u>
Driller:	N/A	Log By: GCD/JER	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black Organic Silt	D E
	1-2	N/A	12/12	Black to dark grey Organic Silt, increasing Inorganic Silt content with depth.	

Comments:



Sample Date: 12/16/2011
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth: 4.0'		Boring No:		
Casing Type:	Time:				
Casing Dia:	2"	Recovery Length:	4.0'		
Drill Co:	N/A	Method:	Peat_Corer		
Driller:	N/A	Log By:	GCD/JER		
			Sheet: <u>1 of 1</u>		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black Organic Silt	D
	1-2	N/A	12/12	Black to dark grey Organic Silt	E
	2-3	N/A	12/13	Black to dark grey Organic Silt	F
	3-4	N/A	12/14	Black to dark grey Organic Silt, increasing Inorganic silt content with depth.	G

Comments:



Sample Date:
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		2.2'	Boring No:	
Casing Type:	Time:			NBH_PH4SAP_PC13_01	
Casing Dia:	2"	Recovery Length:	2.2'	Sheet: <u>1 of 1</u>	
Drill Co:	N/A	Method:	Peat Corer		
Driller:	N/A	Log By:	GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black Organic Silt	A
	1-2	N/A	12/12	Black Organic Silt	B
	2-2.2	N/A	2/12	Start of inorganic silts Refusal at 2.2	C

Comments:



Sample Date:
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth: 1.0'		
Casing Type:	Time:	Boring No:	
Casing Dia: N/A	Recovery Length: 1.0'		NBH_PH4SAP_PC13_02
Drill Co: N/A	Method: Ponar	Sheet: <u>1 of 1</u>	
Driller: N/A	Log By: GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
				Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%	

	0-1	N/A	12/12	Black organic silts with some inorganic silts	

Comments:



Sample Date: 12/17/2011

Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		3.0'		
Casing Type:	Time:		Boring No:		
Casing Dia:	2"	Recovery Length:		3.0'	
Drill Co:	N/A	Method:	Peat Corer		NBH_PH4SAP_PC13_03
Driller:	N/A	Log By:	GCD/JER		Sheet: <u>1 of 1</u>

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black Organic Silt	A
	1-2	N/A	12/12	Black Organic Silt, Trace to little grey coarse sand	B
	2-3	N/A	12/12	Black Organic Silt Refusal	C

Comments:



Sample Date:
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth: 1.0'		Boring No:
Casing Type:	Time:		
Casing Dia:	N/A	Recovery Length: 1.0'	NBH_PH4SAP_PC13_04
Drill Co:	N/A	Method: Ponar	Sheet: <u>1 of 1</u>
Driller:	N/A	Log By: GCD/JER	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
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Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%

	0-1	N/A	12/12	Fine grained sand with shell hash	

Comments:



Sample Date: 12/17/2011

Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth: 2.0'				
Casing Type:	Time:		Boring No:		
Casing Dia:	2"	Recovery Length: 2.0'		NBH_PH4SAP_PC13_08	
Drill Co:	N/A	Method:	Peat Corer	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black Organic Silt	A B
	1-2	N/A	12/12	Black Organic Silt Refusal	

Comments:



Sample Date: 1/19/11

Log Date: 1/19/11

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.01	E:
Corrected Water Depth (MLW):	Total Boring Depth: 1.0'		Boring No:
Casing Type:	Time: 11:31		
Casing Dia:	N/A	Recovery Length: 1.0'	NBH_PH4SAP_PC13_11
Drill Co:	N/A	Method: Ponar Sampler	Sheet: <u>1 of 1</u>
Driller:	N/A	Log By: CWM	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
				Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%	

	0-1	N/A	N/A	Grey to Brown SILT and SAND.	

Comments:



Sample Date: 12/17/2011
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth: 2.0'				
Casing Type:	Time:		Boring No:		
Casing Dia:	2"	Recovery Length: 2.0'		NBH_PH4SAP_PC13_14	
Drill Co:	N/A	Method:	Peat Corer	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black Organic Silt	A
	1-2	N/A	12/12	Black Organic Silt Refusal	B

Comments:



Sample Date:
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth: 1.0'				
Casing Type:	Time:			Boring No:	
Casing Dia:	N/A	Recovery Length: 1.0'		NBH_PH4SAP_PC13_23	
Drill Co:	N/A	Method:	Ponar	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Fine grained SAND.	

Comments:



Sample Date:
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth: 1.0'				
Casing Type:	Time:			Boring No:	
Casing Dia:	N/A	Recovery Length: 1.0'		NBH_PH4SAP_PC13_33	
Drill Co:	N/A	Method:	Ponar	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Fine grained sand	

Comments:



Sample Date: 2/14/11
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth: 5.0'		Boring No:
Casing Type:	Time: 13:30		
Casing Dia: 2"	Recovery Length: 5.0'		NBH_PH4SAP_PC_01
Drill Co: N/A	Method: Peat Corer		Sheet: <u>1 of 1</u>
Driller: N/A	Log By: GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black Organic SILT, trace human hair, trace leaves, trace trash. Duplicate Collected: DUP-5	
	1-2	N/A	12/12	Black Organic SILT.	
	2-3	N/A	12/12	Black Organic SILT.	
	3-4	N/A	12/12	Black Organic SILT with interbedded grey inorganic silt.	
	4-5	N/A	12/12	Black Organic SILT with interbedded grey inorganic silt.	
				Refusal at 5.1'	

Comments:



Sample Date: 2/14/11
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth: 2.8'				
Casing Type:	Time: 14:15		Boring No:		
Casing Dia:	2"	Recovery Length: 2.8'		NBH_PH4SAP_PC_02	
Drill Co:	N/A	Method:	Peat Corer	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black Organic SILT, trace shell hash.	
	1-2	N/A	12/12	Black Organic SILT.	
	2-2.8	N/A	9.6/9.6	Black Organic SILT, some fine to coarse sand.	

Comments:



Sample Date: 2/14/11
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		2.0'	Boring No:	
Casing Type:	Time:		14:15		
Casing Dia:	2"	Recovery Length:		NBH_PH4SAP_PC_03	
Drill Co:	N/A	Method:	Peat Corer	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black Organic SILT, trace shell hash. Duplicate Collected: DUP-9	
	1-2	N/A	12/12	Black to Dark Grey Organic SILT, trace shell hash, trace fine sand.	

Comments:



Sample Date: 2/14/11
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:
Location:	South Terminal		6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'	Boring No:
Casing Type:	Time:		9:31	
Casing Dia:	N/A	Recovery Length:		NBH_PH4SAP_PC_04
Drill Co:	N/A	Method:	Ponar	Sheet: <u>1 of 1</u>
Driller:	N/A	Log By:	GCD/JER	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black Organic SILT, some to little fine to coarse sand, trace shell hash. Duplicate Collected: DUP-10	

Comments:



Sample Date: 2/14/11
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth: 1.5'		
Casing Type:	Time:	9:58	Boring No:
Casing Dia: 2"	Recovery Length: 1.5'	NBH_PH4SAP_PC_05	
Drill Co: N/A	Method: Peat Corer	Sheet: <u>1 of 1</u>	
Driller: N/A	Log By: GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black to dark grey organic SILT, trace fine sand, trace shell hash. Duplicate Collected: DUP-11	
	1-1.5	N/A	6/6	Dark grey organic SILT, some fine to coarse sand.	

Comments:



Sample Date: 2/14/11
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth: 1.0'		Boring No:
Casing Type:	Time: 11:37		
Casing Dia:	N/A	Recovery Length: 1.0'	NBH_PH4SAP_PC_06
Drill Co:	N/A	Method: Ponar	Sheet: <u>1 of 1</u>
Driller:	N/A	Log By: GCD/JER	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black organic SILT, little fine to coarse sand, trace shell hash. Duplicate Collected: DUP-13	

Comments:



Sample Date: 2/14/11
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth: 1.0'		Boring No:
Casing Type:	Time: 11:08		
Casing Dia:	N/A	Recovery Length: 1.0'	NBH_PH4SAP_PC_07
Drill Co:	N/A	Method: Ponar	Sheet: <u>1 of 1</u>
Driller:	N/A	Log By: GCD/JER	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black organic SILT, little fine to coarse sand, trace shell hash. Duplicate Collected: DUP-12	

Comments:



Sample Date: 2/14/11
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth: 1.0'		Boring No:
Casing Type:	Time: 12:16		
Casing Dia:	N/A	Recovery Length: 1.0'	NBH_PH4SAP_PC_08
Drill Co:	N/A	Method: Ponar	Sheet: <u>1 of 1</u>
Driller:	N/A	Log By: GCD/JER	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black organic SILT, little fine to coarse sand, trace shell hash.	

Comments:



Sample Date: 1/19/11

Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		2.8'		
Casing Type:		Time:	15:00		
Casing Dia:	2"	Recovery Length:	2.8'		
Drill Co:	N/A	Method:	Peat Core		
Driller:	N/A	Log By:	GCD		
				Boring No:	NBH_PH4SAP_PC_09
				Sheet:	1 of 1

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black Organic SILT, some shell hash.	
	1-2.8	N/A	21.6/21.6	Black and Dark Grey organic SILT, one band of dark grey sand (less than 0.1' thick) at 1.8'.	

Comments:



Sample Date: 1/19/11
Log Date: 1/19/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		3.0'		
Casing Type:		Time:	14:40	Boring No:	
Casing Dia:	2"	Recovery Length:	3.0'	NBH_PH4SAP_PC_10	
Drill Co:	N/A	Method:	Peat Core	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-2.8	N/A	33.6/33.6	Black Organic SILT.	
	2.8-3	N/A	2.4/2.4	Dark Grey fine to medium SAND, little inorganic silt.	

Comments:



Sample Date: 1/19/11

Log Date: 1/19/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'		
Casing Type:		Time:	14:00	Boring No:	
Casing Dia:	NA	Recovery Length:	1.0'	NBH_PH4SAP_PC_11	
Drill Co:	N/A	Method:	Ponar Dredge	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	N/A	Black organic SILT, little debris, trace shell hash.	

Comments:



Sample Date: 1/20/11

Log Date: 1/20/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'		
Casing Type:		Time:	11:48	Boring No:	
Casing Dia:	NA	Recovery Length:	1.0'	NBH_PH4SAP_PC_12	
Drill Co:	N/A	Method:	Ponar Dredge	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	N/A	Black organic SILT, some rope and debris, trace shell hash.	

Comments:



Sample Date: 1/20/11

Log Date: 1/20/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		3.5'		
Casing Type:		Time:	11:25		
Casing Dia:	2"	Recovery Length:	3.5'		
Drill Co:	N/A	Method:	Peat Core		
Driller:	N/A	Log By:	GCD		
				Boring No:	NBH_PH4SAP_PC_13
				Sheet:	1 of 1

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	36/36	Black Organic SILT and shell hash.	
	1-2	N/A	36/36	Black Organic SILT, little shell hash.	
	2-3	N/A	36/36	Interbedded Black and Dark Grey, organic SILT, trace shell hash.	
	3-3.5	NA	6/6	Interbedded Black and Dark Grey, organic SILT.	

Comments:



Sample Date: 1/20/11
Log Date: 1/20/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'		
Casing Type:		Time:	11:48	Boring No:	
Casing Dia:	NA	Recovery Length:	1.0'	NBH_PH4SAP_PC_15	
Drill Co:	N/A	Method:	Ponar Dredge	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	N/A	Black organic SILT, some shell hash.	

Comments:



Sample Date: 1/20/11
Log Date: 1/20/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'	Boring No:	
Casing Type:		Time:	11:25	NBH_PH4SAP_PC_16	
Casing Dia:	2"	Recovery Length:	1.0'	Sheet: <u>1 of 1</u>	
Drill Co:	N/A	Method:	Peat Core		
Driller:	N/A	Log By:	GCD		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	N/A	0 to 0.8 feet: Black organic SILT, trace shell hash. 0.8 feet to 1 foot: Dark olive-grey organic SILT. Refusal at 1 foot.	

Comments:



Sample Date: 1/20/11
Log Date: 1/20/11

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth: 1.0'		
Casing Type:	Time:	11:09	Boring No:
Casing Dia:	NA	Recovery Length: 1.0'	NBH_PH4SAP_PC_17
Drill Co:	N/A	Method: Ponar Dredge	Sheet: <u>1 of 1</u>
Driller:	N/A	Log By: GCD	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	N/A	Black, organic SILT, and fine sand, trace shell hash	

Comments:



Sample Date: 1/20/11
Log Date: 1/20/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'	Boring No:	
Casing Type:		Time:	10:35	NBH_PH4SAP_PC_18	
Casing Dia:	NA	Recovery Length:	1.0'	Sheet: <u>1 of 1</u>	
Drill Co:	N/A	Method:	PONAR		
Driller:	N/A	Log By:	GCD		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	N/A	Dark Grey to Black organic SILT, some fine sand , grades to dark grey fine sand.	

Comments:



Sample Date: 2/16/11
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth: 1.0'		Boring No:
Casing Type:	Time:		
Casing Dia:	N/A	Recovery Length: 1.0'	NBH_PH4SAP_PC_19
Drill Co:	N/A	Method: Ponar	Sheet: <u>1 of 1</u>
Driller:	N/A	Log By: GCD/JER	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Grey, fine SAND, little shell hash.	

Comments:



Sample Date: 1/20/11

Log Date: 1/20/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'		
Casing Type:		Time:	10:19	Boring No:	
Casing Dia:	NA	Recovery Length:	1.0'	NBH_PH4SAP_PC_21	
Drill Co:	N/A	Method:	PONAR	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	GCD		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	N/A	Dark Grey to Grey fine SAND little to some organic silt. Duplicate Sample Collected: DUP 1-20	

Comments:



Sample Date: 1/19/11
Log Date: 1/19/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'		
Casing Type:		Time:	14:27		
Casing Dia:	N/A	Recovery Length:	1.0'		
Drill Co:	N/A	Method:	Ponar Sampler		
Driller:	N/A	Log By:	CWM		
				Boring No:	NBH_PH4SAP_PC_24
				Sheet:	<u>1 of 1</u>

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
				Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%	

	0-1	N/A	N/A	Grey to Tan SAND, little odor. Duplicate Collected: DUP-2	

Comments:



Sample Date: 1/19/11
Log Date: 1/19/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		1.5'	Boring No:	
Casing Type:		Time:	14:00	NBH_PH4SAP_PC_25	
Casing Dia:	2"	Recovery Length:	1.5'	Sheet: <u>1 of 1</u>	
Drill Co:	N/A	Method:	Peat Corer		
Driller:	N/A	Log By:	CWM		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
				Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%	

	0-1.5	N/A	18/18	Dark Grey, SILT, little shell hash, trace sand.	

Comments:



Sample Date: 1/19/11
Log Date: 1/19/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth: 4.0'			Boring No: NBH_PH4SAP_PC_26 Sheet: <u>1 of 1</u>	
Casing Type:	Time: 13:35				
Casing Dia: 2"	Recovery Length: 4.0'				
Drill Co: N/A	Method: Peat Core				
Driller: N/A	Log By: CWM				

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-3	N/A	36/36	Dark Grey, SILT, trace fine sand, strong odor.	
	3-4	N/A	12/12	Dark Grey, SILT, trace fine sand, strong odor.	

Comments:



Sample Date: 2/16/11
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:		
Location:	South Terminal		6690.009	E:		
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'	Boring No: NBH_PH4SAP_PC_28 Sheet: <u>1 of 1</u>		
Casing Type:	Time:					
Casing Dia:	N/A	Recovery Length:				1.0'
Drill Co:	N/A	Method:	Ponar			
Driller:	N/A	Log By:	GCD/JER			

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Dark grey, fine SAND, little silt, trace shell hash.	

Comments:



Sample Date: 1/19/11
Log Date: 1/19/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth: 4.5'			Boring No:	
Casing Type:		Time:	12:59	NBH_PH4SAP_PC_29	
Casing Dia:	2"	Recovery Length:	4.5'	Sheet: <u>1 of 1</u>	
Drill Co:	N/A	Method:	Peat Core		
Driller:	N/A	Log By:	CWM		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-3	N/A	36/36	Dark Grey, SILT, trace fine sand, strong odor.	
	3-4.5	N/A	18/18	Dark Grey, SILT, trace fine sand, strong odor.	

Comments:



Sample Date: 1/19/11
Log Date: 1/19/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		6.5'	Boring No:	
Casing Type:		Time:	11:41	NBH_PH4SAP_PC_30	
Casing Dia:	2"	Recovery Length:	6.5'	Sheet: <u>1 of 1</u>	
Drill Co:	N/A	Method:	Peat Core		
Driller:	N/A	Log By:	CWM		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
				Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%	
	0-3'	N/A	36/36	Grey SILT, little/trace sand	
	3-6'	N/A	36/36	Grey SILT, little/trace sand	
	6-6.5	N/A	6/6	Grey SILT, little/trace sand	

Comments:



Sample Date: 1/19/11
Log Date: 1/19/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		3'		
Casing Type:		Time:	12:36		
Casing Dia:	2"	Recovery Length:	3'		
Drill Co:	N/A	Method:	Peat Core		Boring No:
Driller:	N/A	Log By:	CWM		NBH_PH4SAP_PC_31
					Sheet: <u>1 of 1</u>

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	24/24	Dark Grey, SILT, trace fine sand, strong odor. Duplicate Collected: DUP-1	
	1-3	N/A	12/12	Dark Grey, SILT, trace fine sand, strong odor. Shell hash and coarse lense at 2'	

Comments:



Sample Date:
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		3.0'		
Casing Type:	Time:		Boring No:		
Casing Dia:	3"	Recovery Length:		3.0'	
Drill Co:	N/A	Method:	Hand Auger		NBH_PH4SAP_PC13_32
Driller:	N/A	Log By:	GCD/JER		Sheet: <u>1 of 1</u>

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Coarse Sand with root and gravel	
	1-2	N/A	12/12	coarse sand grey	
	2-3	N/A	12/12	fine sand and inorganic silts	

Comments:



Sample Date: 1/18/11
Log Date: 1/18/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		4.8'	Boring No:	
Casing Type:		Time:	13:00	NBH_PH4SAP_PC_34	
Casing Dia:	2"	Recovery Length:	4.8'	Sheet: <u>1 of 1</u>	
Drill Co:	N/A	Method:	Peat Core		
Driller:	N/A	Log By:	CWM		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-3	N/A	36/36	Grey to Black SILT, trace sand, heavy organic odor.	
	3-4.8	N/A	21.8/21.8	Grey to Black SILT, trace sand, heavy organic odor.	

Comments:



Sample Date: 1/19/11
Log Date: 1/19/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'		
Casing Type:		Time:	9:27	Boring No:	
Casing Dia:	N/A	Recovery Length:	1.0'	NBH_PH4SAP_PC_35	
Drill Co:	N/A	Method:	Ponar Sampler	Sheet: <u>1 of 1</u>	
Driller:	N/A	Log By:	CWM		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
				Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%	

	0-1	N/A	N/A	Black SILT, trace sand, heavy organic odor. Shell hash in sample.	

Comments:



Sample Date: 2/16/11
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.009	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'	Boring No:	
Casing Type:	Time:			NBH_PH4SAP_PC_36	
Casing Dia:	N/A	Recovery Length:	1.0'	Sheet: <u>1 of 1</u>	
Drill Co:	N/A	Method:	Ponar		
Driller:	N/A	Log By:	GCD/JER		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Grey, fine SAND, some medium to coarse sand, little fine to coarse gravel, trace shell hash.	

Comments:



Sample Date: 1/19/11
Log Date: 1/19/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'		
Casing Type:		Time:	11:16		
Casing Dia:	N/A	Recovery Length:	1.0'		
Drill Co:	N/A	Method:	Ponar Sampler		Boring No:
Driller:	N/A	Log By:	CWM		NBH_PH4SAP_PC_37
					Sheet: <u>1 of 1</u>

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
				Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%	

	0-1	N/A	N/A	Brown SAND.	

Comments:



Sample Date: 1/18/11
Log Date: 1/18/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		1.0'		
Casing Type:	Time:		12:27	Boring No:	
Casing Dia:	N/A	Recovery Length:		1.0'	
Drill Co:	N/A	Method:	Ponar	NBH_PH4SAP_PC_38	
Driller:	N/A	Log By:	CWM	Sheet: <u>1 of 1</u>	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Grey to Black SILT, trace sand, heavy organic odor.	

Comments:



Sample Date: 1/18/11
Log Date: 1/18/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		5.0'		
Casing Type:		Time:	13:51		
Casing Dia:	2"	Recovery Length:	5.0'		
Drill Co:	N/A	Method:	Peat Core		
Driller:	N/A	Log By:	CWM		
				Boring No:	NBH_PH4SAP_PC_39
				Sheet:	1 of 1

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-3	N/A	36/36	Grey to Black SILT, trace sand, heavy organic odor.	
	3-5	N/A	24/24	Grey to Black SILT, trace sand, heavy organic odor.	

Comments:



Sample Date: 1/18/11
Log Date: 1/18/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth:		2.0'		
Casing Type:		Time:	14:21		
Casing Dia:	2"	Recovery Length:	2.0'		
Drill Co:	N/A	Method:	Peat Core		
Driller:	N/A	Log By:	CWM		
				Boring No:	NBH_PH4SAP_PC_40
				Sheet:	<u>1 of 1</u>

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-2	N/A	24/24	Black to Grey SILT, trace sand, heavy organic odor. Shell hash from 1.4' to 1.6'.	

Comments:



Sample Date: 1/19/11
Log Date: 1/19/11

BORING LOG

Project:	New Bedford Harbor	Project No:	6515.002	N:	
Location:	South Terminal		6690.01	E:	
Corrected Water Depth (MLW):	Total Boring Depth: 4.5'			Boring No:	
Casing Type:		Time:	10:48	NBH_PH4SAP_PC_41	
Casing Dia:	2"	Recovery Length:	4.5'	Sheet: <u>1 of 1</u>	
Drill Co:	N/A	Method:	Peat Core		
Driller:	N/A	Log By:	CWM		

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	Remarks
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-3	N/A	36/36	Dark Grey SILT, little sand, varving of light grey silt.	
	3-4.5	N/A	18/18	Dark Grey SILT, little sand.	

Comments:



Sample Date: 2/14/11
Log Date:

BORING LOG

Project:	New Bedford Harbor	Project No: 6515.002	N:
Location:	South Terminal	6690.009	E:
Corrected Water Depth (MLW):	Total Boring Depth: 1.0'		Boring No:
Casing Type:	Time: 10:30		
Casing Dia:	N/A	Recovery Length: 1.0'	NBH_PH4SAP_PC_42
Drill Co:	N/A	Method: Ponar	Sheet: <u>1 of 1</u>
Driller:	N/A	Log By: GCD/JER	

Depth (Feet)	Interval (Feet)	Blow Count	Pen/Rec (in)	Description (Color, Texture, Structure)	SAMPLE
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%					

	0-1	N/A	12/12	Black organic SILT, little fine to coarse sand.	

Comments: