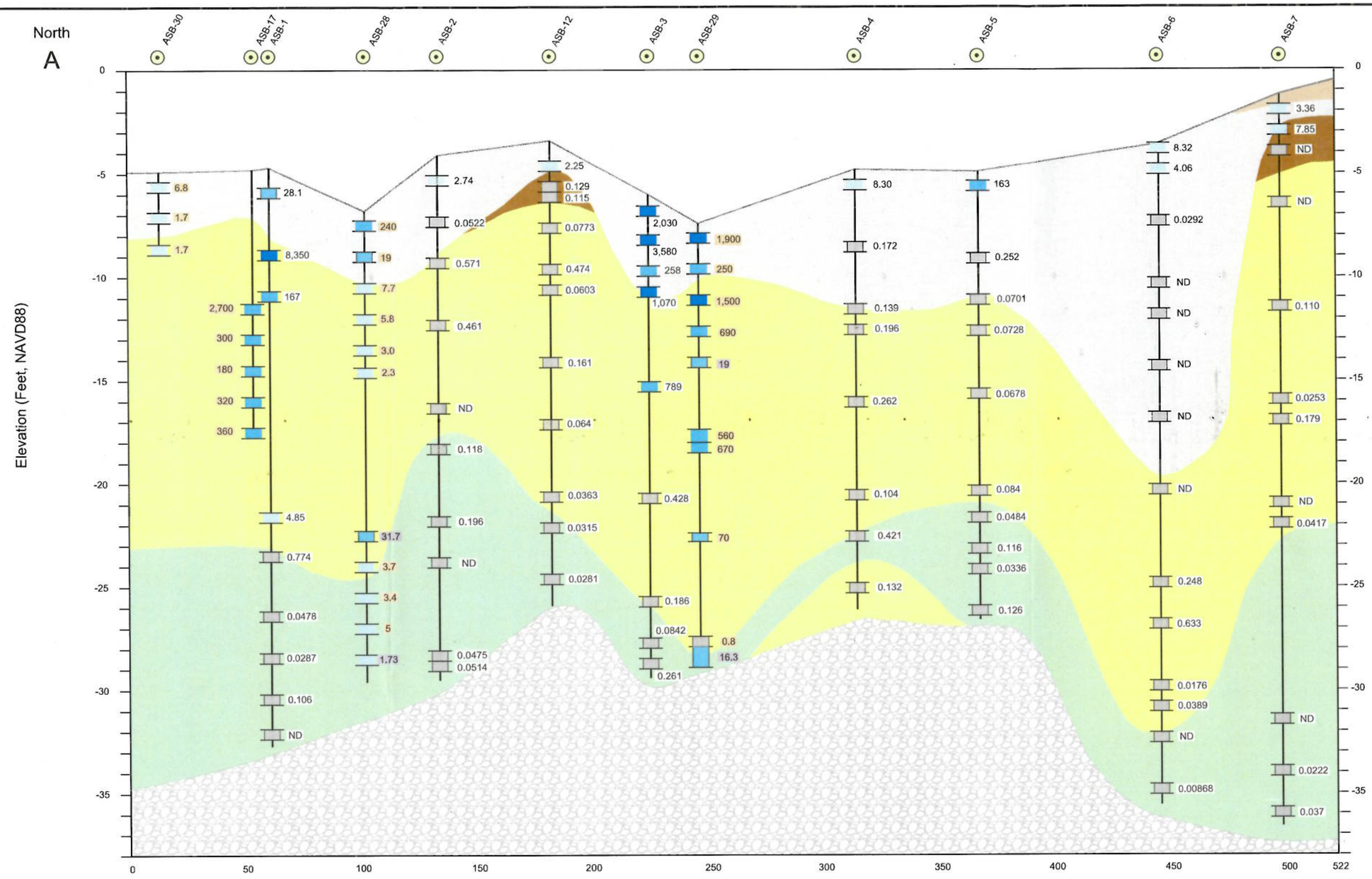


## Legend

- Aerovox Boring Location
- Bathy Elevation

- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Bedrock

PCB Data (PPM as mg/kg)

- 10 Battelle Immunoassay Data
- 10 Battelle Total Congener Data
- 10 Total Aroclor Data

Total Aroclors Concentration (mg/kg)

- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- >10,000

Total Aroclors:

| | | |
|---|---|---|
| Aroclor 1016 | Aroclor 1242 | Aroclor 1260 |
| Aroclor 1221 | Aroclor 1248 | Aroclor 1262 |
| Aroclor 1232 | Aroclor 1254 | Aroclor 1268 |

*Geology on the Aerovox Site is inferred from historic soil borings.

0 V: 5 H: 40
Scale in Feet

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Aerovox Cross Section A - A'

New Bedford Harbor Superfund Site

08/15/16 JD Aerovox_AA_20160811.dwg

Figure

last modified: 08/15/16 printed: 08/16/16 by jd D:\Projects\New Bedford Harbor\Aerovox Cross Sections\Revised_Sections\Aerovox_AA_20160811.dwg

Legend

⊙ Aerovox Boring Location

Aerovox Cross Section Location

Aerial Photography MASSGIS 2014

0 50 100 Feet

1:1,200

JACOBS

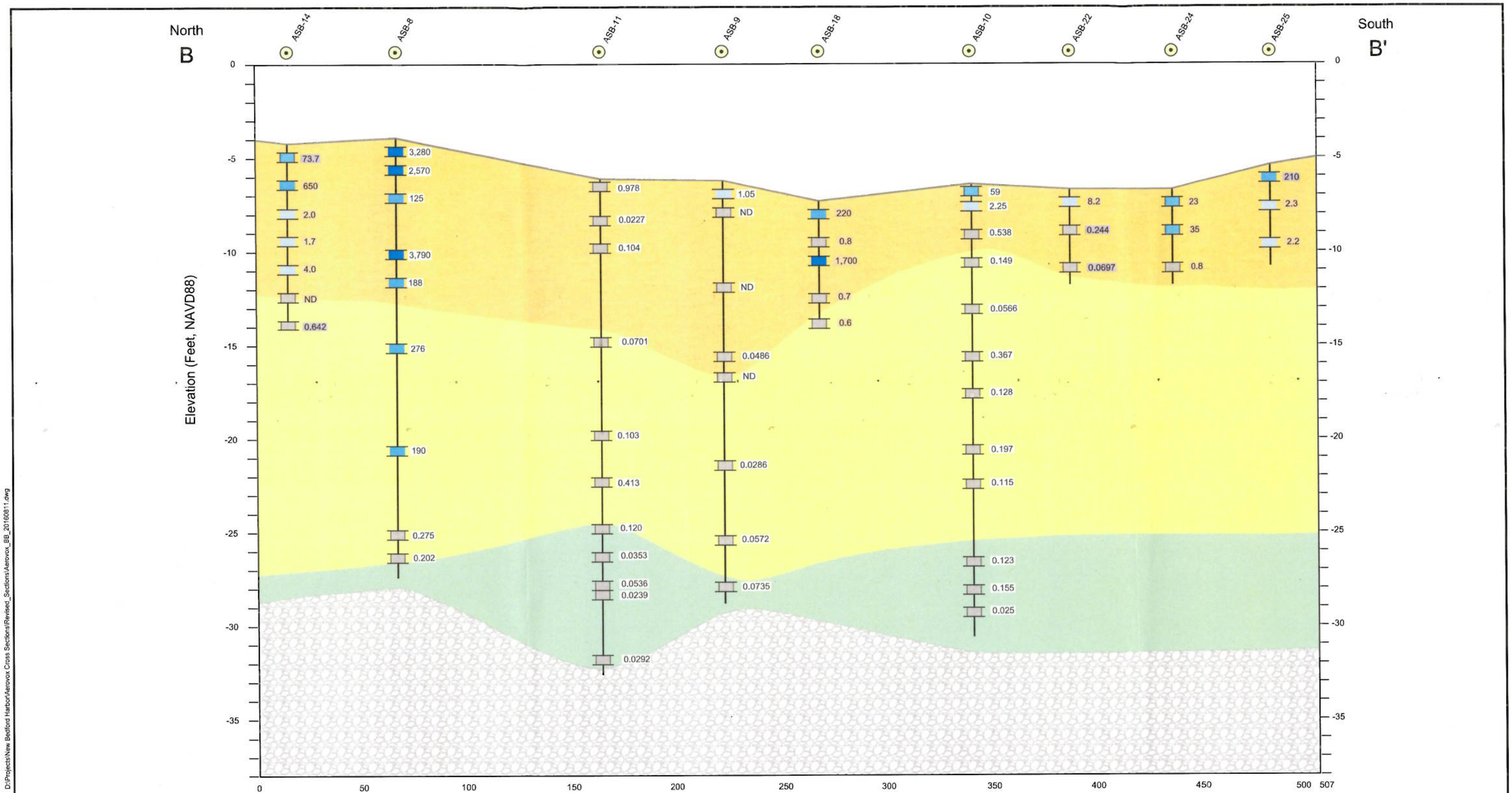
**Cross Section Locations for Former Aerovox Site Area**

New Bedford Harbor Superfund Site

NAME: nzeihms DATE: 01/16/2016

**Figure 2-2**

Path: Y:\NBH\Projects\35BG1001\20160816\ArcGIS\Aerovox_Prelim_Bathy_Core_X_Sections.mxd




## Legend

- Aerovox Boring Location
- Bathy Elevation
- Marine Deposits
- Glacial Outwash
- Glacial Till
- Bedrock

**PCB Data (PPM as mg/kg)**

- 10 Battelle Immunoassay Data
- 10 Battelle Total Congener Data
- 10 Total Aroclor Data

**Total Aroclors Concentration (mg/kg)**

- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- >10,000

**Total Aroclors:**

| | | |
|---|---|---|
| Aroclor 1016 | Aroclor 1242 | Aroclor 1260 |
| Aroclor 1221 | Aroclor 1248 | Aroclor 1262 |
| Aroclor 1232 | Aroclor 1254 | Aroclor 1268 |

*Geology on the Aerovox Site is inferred from historic soil borings.

0 V: 5 H: 40
Scale in Feet

JACOBS™

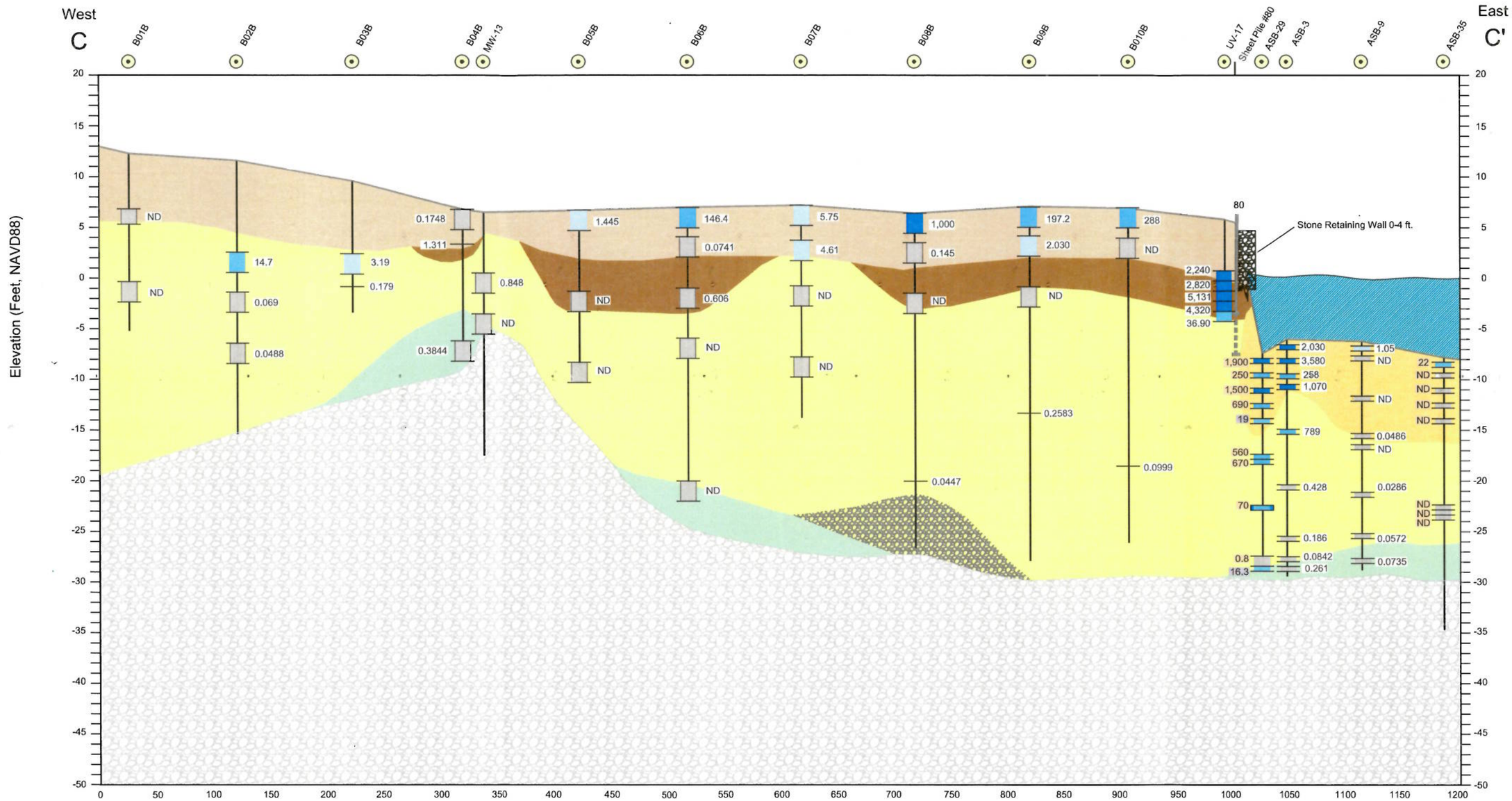
Aerovox Cross Section B - B'

New Bedford Harbor Superfund Site

08/11/16 JD Aerovox_BB_20160811.dwg

Figure

last modified: 08/11/16 printed: 08/16/16 by jd D:\Projects\New Bedford Harbor\Aerovox Cross Sections\Revised_Sections\Aerovox_BB_20160811.dwg




Legend

- Aerovox Boring Location
- Elevation Line
- Harbor Water
- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Gravel
- Bedrock

Sheetpile # 95
Sheetpile at 9ft bgs
Sheetpile at 13ft bgs
ft bgs = feet below ground surface

PCB Data (PPM as mg/kg)
10 Battelle Immunoassay Data
10 Battelle Total Congener Data
10 Total Aroclor Data

Total Aroclors Concentration (mg/kg)
<1
1-10
10-50
50-100
100-1000
1000-10,000
>10,000

Total Aroclors:

| | | |
|---|---|---|
| Aroclor 1016 | Aroclor 1242 | Aroclor 1260 |
| Aroclor 1221 | Aroclor 1248 | Aroclor 1262 |
| Aroclor 1232 | Aroclor 1254 | Aroclor 1268 |

*Geology on the Aerovox Site is inferred from historic soil borings.

0 V: 10 H: 80
Scale in Feet

JACOBS™

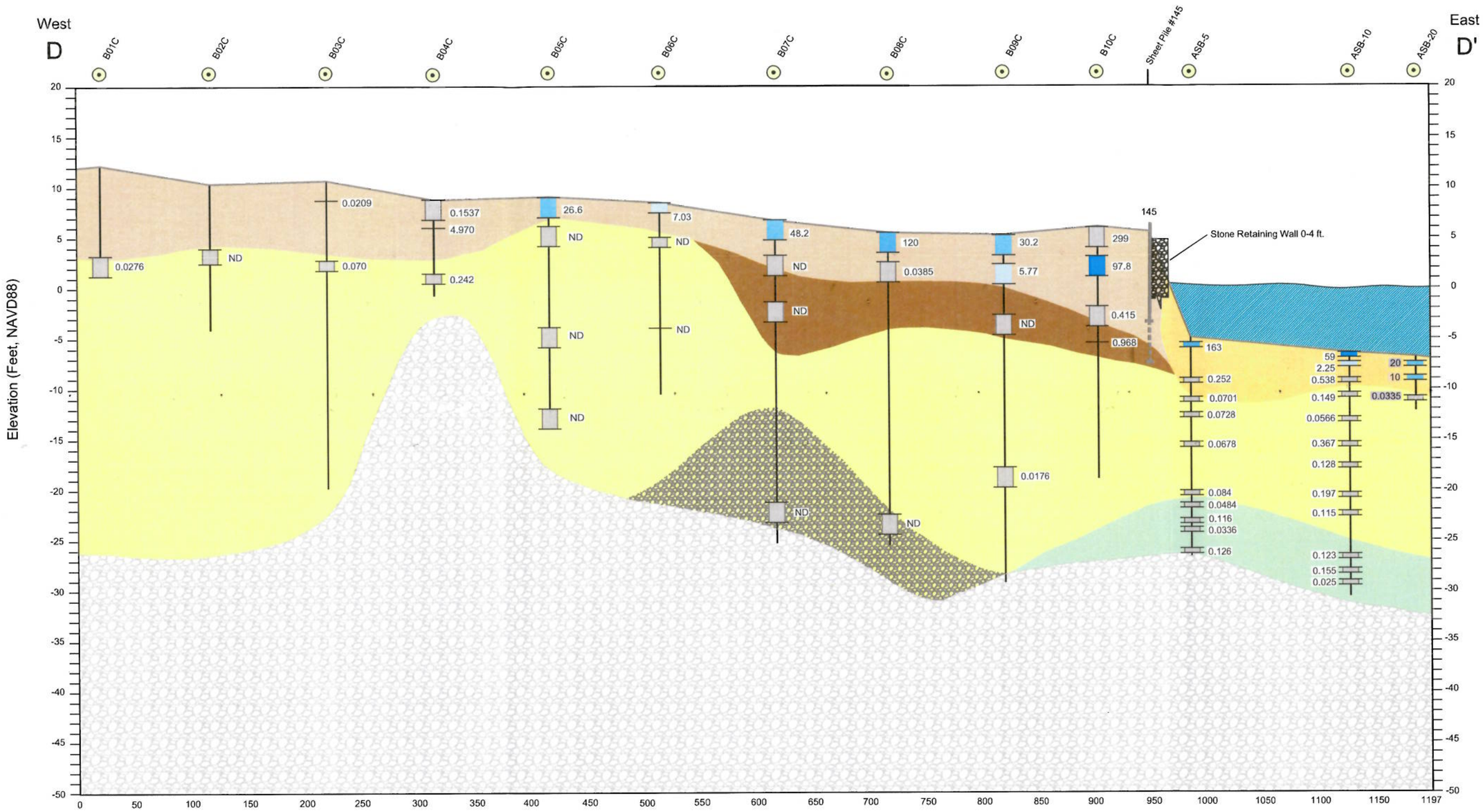
Aerovox Cross Section C - C'

New Bedford Harbor Superfund Site

08/11/16 JD Aerovox_CC_20160811.dwg

Figure

last modified: 08/11/16 printed: 08/15/16 by jd D:\Projects\New Bedford Harbor\Aerovox Cross Sections\Revised_Sections\Aerovox_CC_20160811.dwg




Legend

- Aerovox Boring Location
- Elevation Line
- Harbor Water
- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Gravel
- Bedrock

Sheetpile # 95

Sheetpile at 9ft bgs

Sheetpile at 13ft bgs

ft bgs = feet below ground surface

PCB Data (PPM as mg/kg)

- 10 Battelle Immunoassay Data
- 10 Battelle Total Congener Data
- 10 Total Aroclor Data

Total Aroclors Concentration (mg/kg)

- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- >10,000

Total Aroclors:

| | | |
|---|---|---|
| Aroclor 1016 | Aroclor 1242 | Aroclor 1260 |
| Aroclor 1221 | Aroclor 1248 | Aroclor 1262 |
| Aroclor 1232 | Aroclor 1254 | Aroclor 1268 |

*Geology on the Aerovox Site is inferred from historic soil borings.

0 V: 10 H: 80

Scale in Feet

JACOBS™

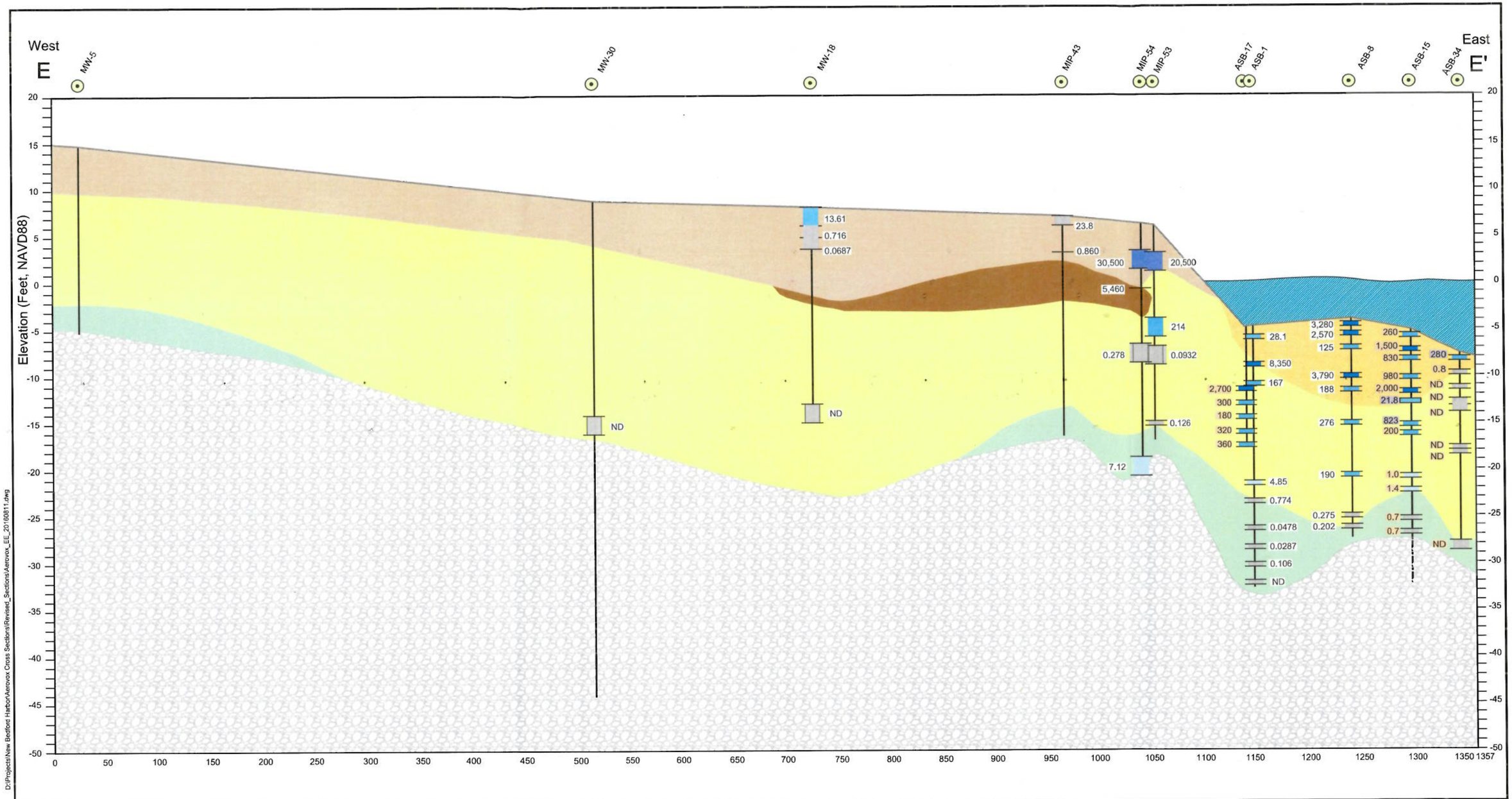
Aerovox Cross Section D - D'

New Bedford Harbor Superfund Site

08/11/16 JD Aerovox_DD_20160811.dwg

Figure

last modified: 08/11/16 printed: 08/16/16 by jd D:\Projects\New Bedford Harbor\Aerovox Cross Sections\Revised_Sections\Aerovox_DD_20160811.dwg




Legend

- Aerovox Boring Location
- Elevation Line
- Harbor Water
- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Bedrock

Sheetpile # 95

Sheetpile at 9ft bgs

Sheetpile at 13ft bgs

ft bgs = feet below ground surface

PCB Data (PPM as mg/kg)

- 10 Battelle Immunoassay Data
- 10 Battelle Total Congener Data
- 10 Total Aroclor Data

Total Aroclors Concentration (mg/kg)

- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- >10,000

Total Aroclors:

| | | |
|---|---|---|
| Aroclor 1016 | Aroclor 1242 | Aroclor 1260 |
| Aroclor 1221 | Aroclor 1248 | Aroclor 1262 |
| Aroclor 1232 | Aroclor 1254 | Aroclor 1268 |

*Geology on the Aerovox Site is inferred from historic soil borings.

0 V: 10 H: 80

Scale in Feet

JACOBS™

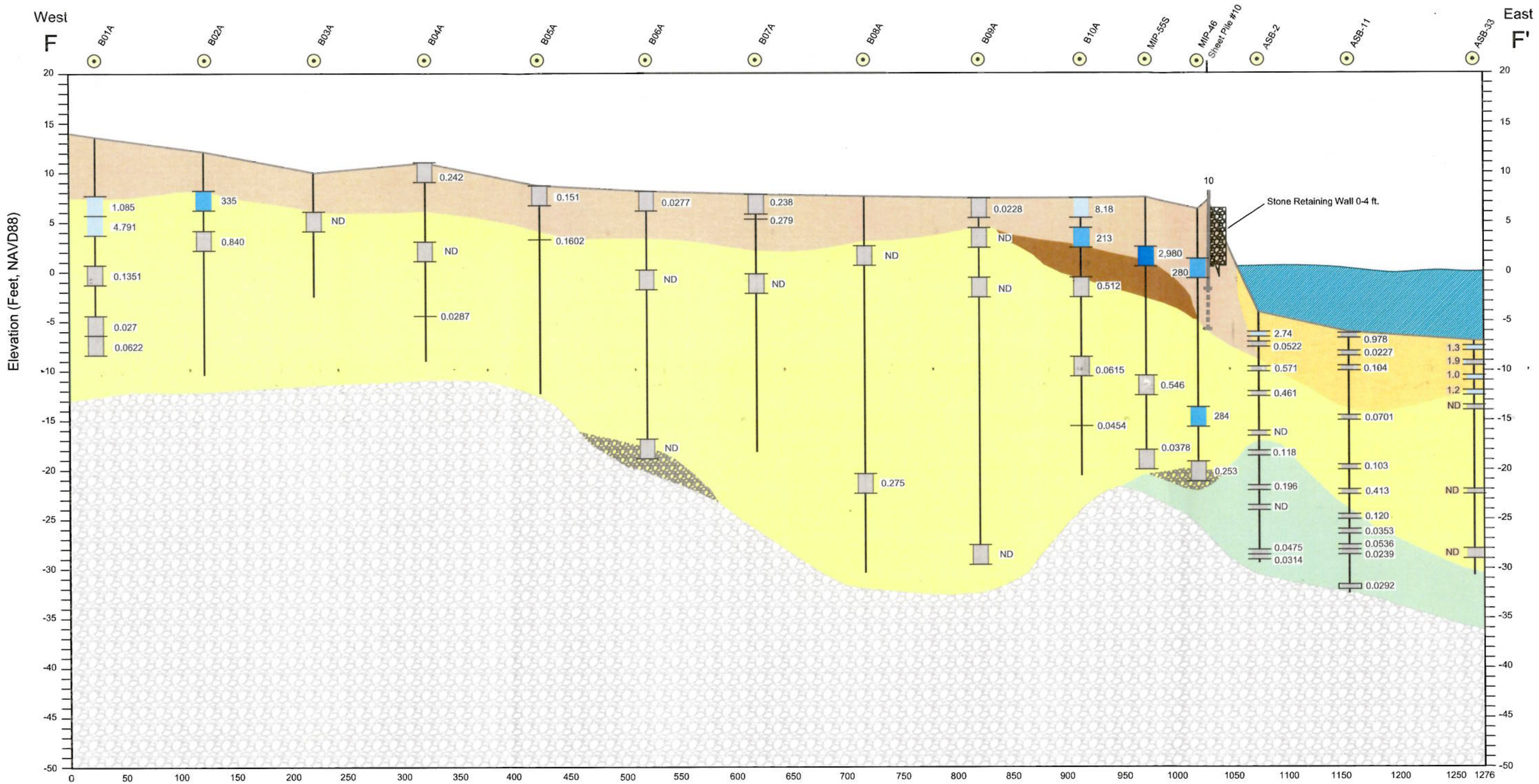
Aerovox Cross Section E - E'

New Bedford Harbor Superfund Site

08/11/16 JD Aerovox_EE_20160811.dwg

Figure

last modified: 08/11/16 printed: 08/15/16 by jd D:\Projects\New Bedford Harbor\Aerovox Cross Sections\Revised_Sections\Aerovox_EE_20160811.dwg




Legend

- Aerovox Boring Location
- Elevation Line
- Harbor Water
- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Gravel
- Bedrock

Sheetpile # 95
Sheetpile at 9ft bgs
Sheetpile at 13ft bgs
ft bgs = feet below ground surface

PCB Data (PPM as mg/kg)

- 10 Battelle Immunoassay Data
- 10 Battelle Total Congener Data
- 10 Total Aroclor Data

Total Aroclors Concentration (mg/kg)

- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- 0,000

Total Aroclors:

| | | |
|---|---|---|
| Aroclor 1016 | Aroclor 1242 | Aroclor 1260 |
| Aroclor 1221 | Aroclor 1248 | Aroclor 1262 |
| Aroclor 1232 | Aroclor 1254 | Aroclor 1268 |

*Geology on the Aerovox Site is inferred from historic soil borings.

0 V: 10 H: 80
Scale in Feet

JACOBS™

Aerovox Cross Section F - F'

New Bedford Harbor Superfund Site

08/15/16 JD Aerovox_FF_20160811_temp.dwg

Figure

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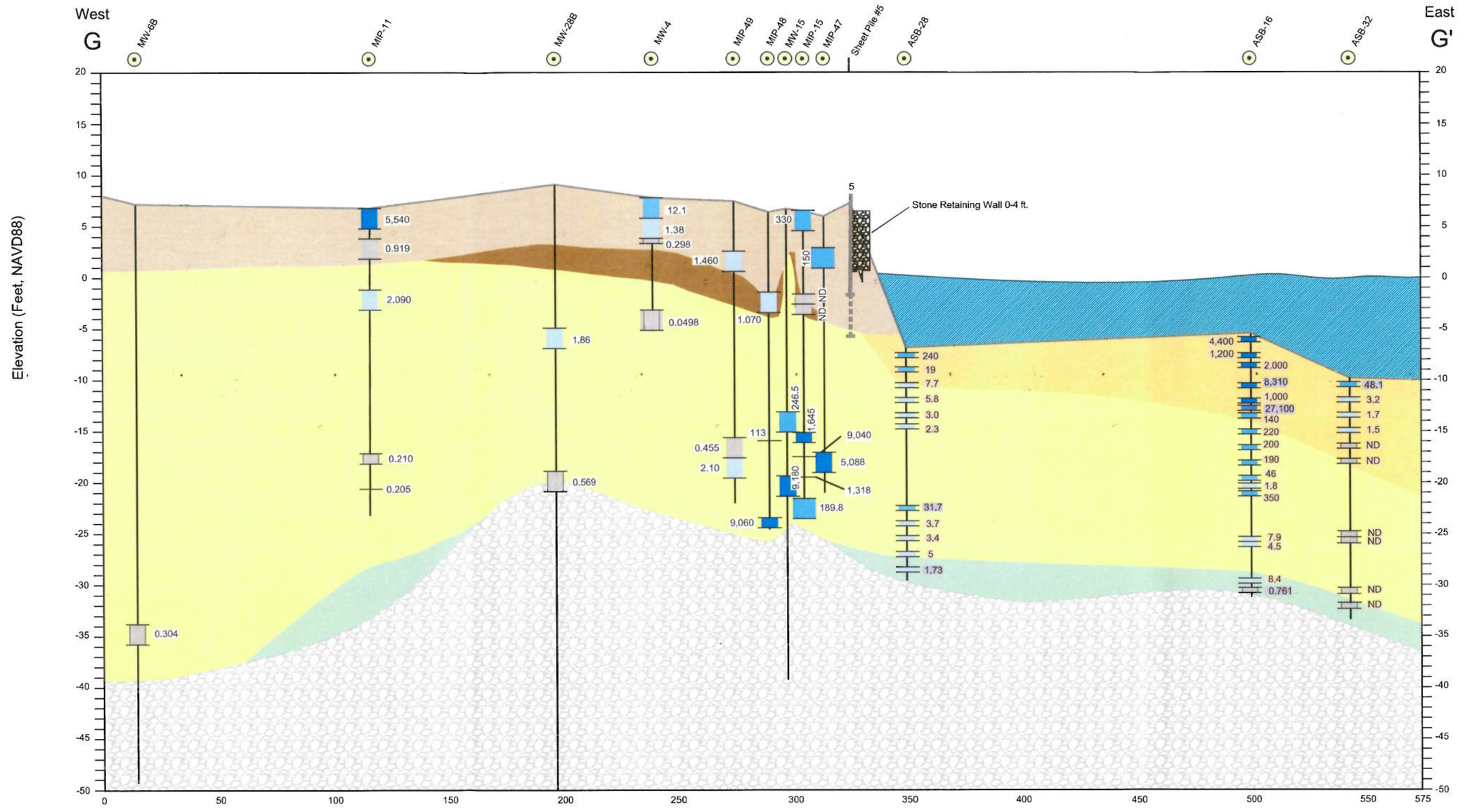


## Legend

- Aerovox Boring Location
- Elevation Line
- Harbor Water
- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Bedrock

Sheetpile # 95
Sheetpile at 9ft bgs
Sheetpile at 13ft bgs
ft bgs = feet below ground surface

PCB Data (PPM as mg/kg)
- 10 Battelle Immunoassay Data
- 10 Battelle Total Congener Data
- 10 Total Aroclor Data

Total Aroclors Concentration (mg/kg)
- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- >10,000

Total Aroclors:

| | | |
|---|---|---|
| Aroclor 1016 | Aroclor 1242 | Aroclor 1260 |
| Aroclor 1221 | Aroclor 1248 | Aroclor 1262 |
| Aroclor 1232 | Aroclor 1254 | Aroclor 1268 |

*Geology on the Aerovox Site is inferred from historic soil borings.

0 V: 10 H: 40
Scale in Feet

JACOBS™

Aerovox Cross Section G - G'

New Bedford Harbor Superfund Site

08/11/16 JD Aerovox_GG_20160811.dwg

Figure

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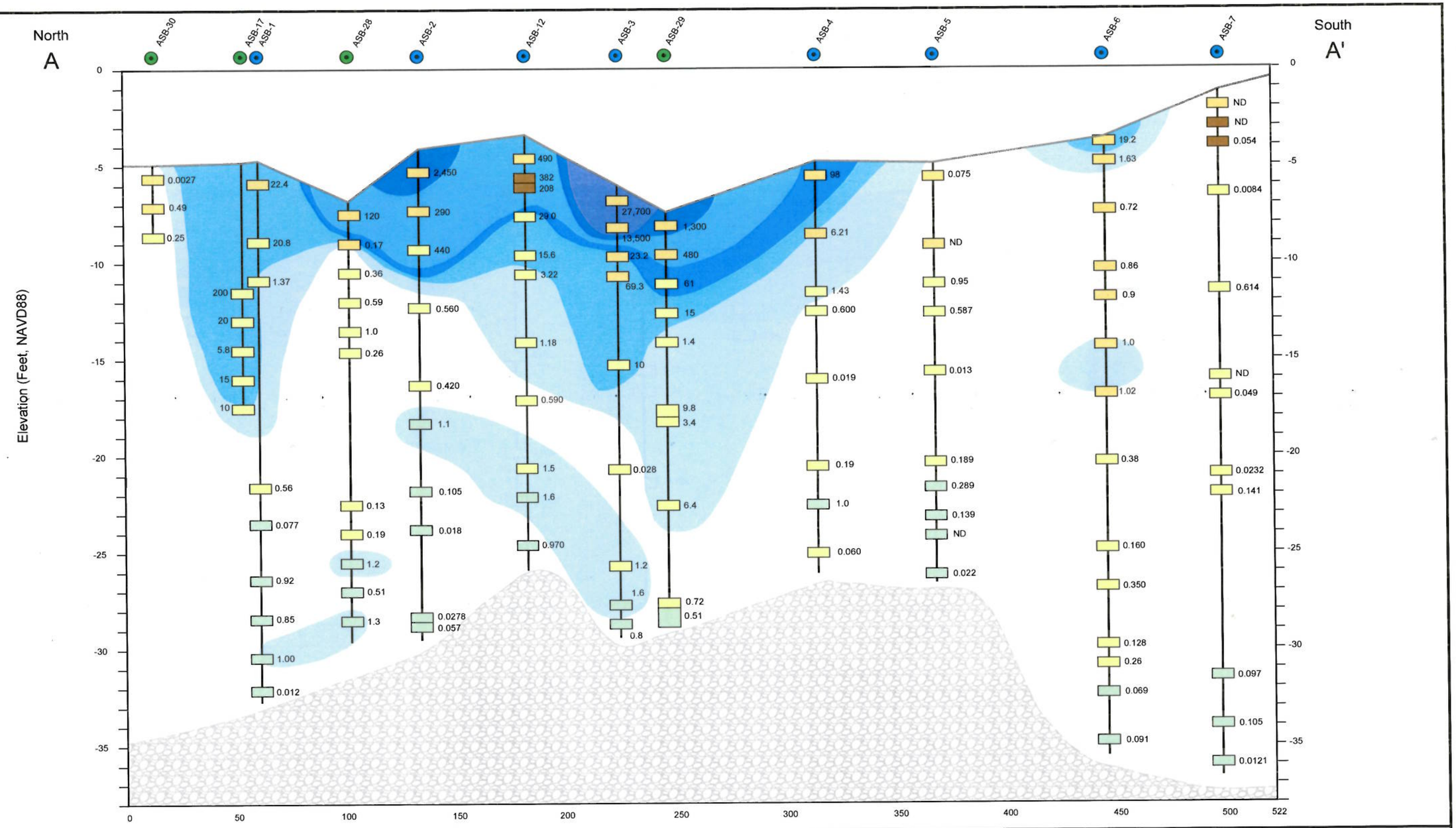


Legend

- Aerovox Boring Location [1]AECOM (2015)
- Aerovox Boring Location [2]Jacobs (2013)
- Aerovox Boring Location [3]Battelle (2016)
- Bathy Elevation
- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Bedrock

VOC Data (Total) PPM as mg/kg

ft bgs = feet below ground surface

Total VOCs Concentration (mg/kg)

- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- >10,000

Total VOCs:

1,1,1-Trichloroethane[1]
1,1,2-Trichloroethane[1]
1,1-Dichloroethane[1]
1,1-Dichloroethene[1]
1,1-Dichlorothene[1]
1,2,3-Trichlorobenzene[2]
1,2,4-Trichlorobenzene[1,2]
1,2-Dichlorobenzene[1,2]
1,3-Dichlorobenzene[1,2]
1,4-Dichlorobenzene[1,2]
Carbon Tetrachloride[1]
Chlorobenzene[1,2]
Chloroform[1]
cis-1,2-Dichloroethene[1,2,3]
Tetrachloroethene[1,2]
trans-1,2-Dichloroethene[1,2]
Trichloroethene[1,2,3]
Vinyl Chloride[1,2,3]

*Geology on the Aerovox Site is inferred from historic soil borings.

0 V: 5 H: 40
Scale in Feet

JACOBS™

Cross Section A - A' VOCs

New Bedford Harbor Superfund Site

11/07/16 JP AX_AA_20161014_VOCs_P.dwg

Figure 3-8

Y:\NBH\Projects\35BG1001\20161014\AutoCAD\VOCs\AX_AA_20161014_VOCs_P.dwg

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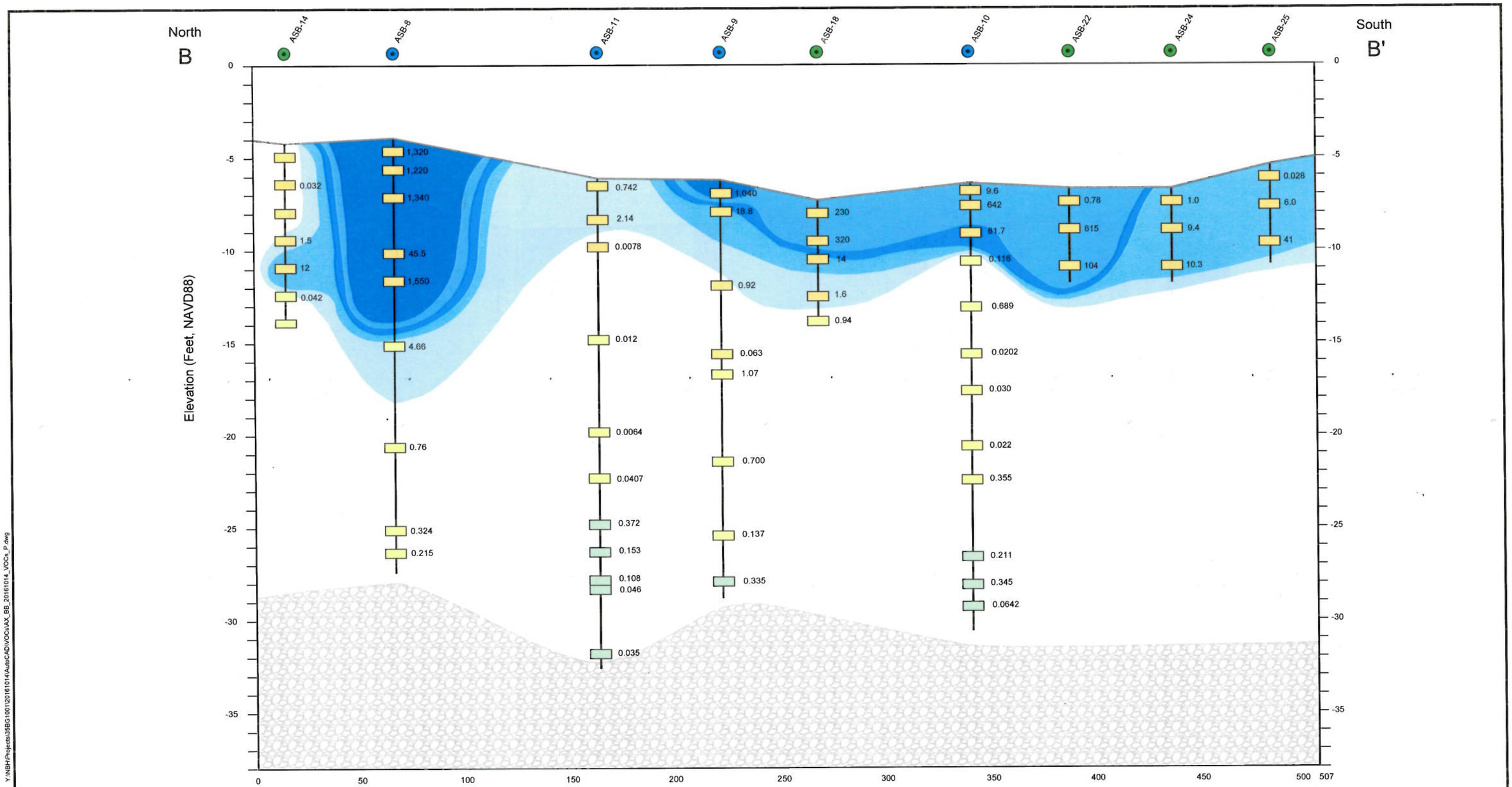


Legend

- Aerovox Boring Location [1]AECOM (2015)
- Aerovox Boring Location [2]Jacobs (2013)
- Aerovox Boring Location [3]Battelle (2016)
- Bathy Elevation

- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Bedrock

VOC Data (Total) PPM as mg/kg

ft bgs = feet below ground surface

Total VOCs Concentration (mg/kg)

- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- >10,000

*Geology on the Aerovox Site is inferred from historic soil borings.

Total VOCs:

1,1,1-Trichloroethane[1]
1,1,2-Trichloroethane[1]
1,1-Dichloroethane[1]
1,1-Dichloroethene[1]
1,1-Dichlorothene[2]
1,2,3-Trichlorobenzene[2]
1,2,4-Trichlorobenzene[1,2]
1,2-Dichlorobenzene[1,2]
1,3-Dichlorobenzene[1,2]
1,4-Dichlorobenzene[1,2]
Carbon Tetrachloride[1]
Chlorobenzene[1,2]
Chloroform[1]
cis-1,2-Dichloroethene[1,2,3]
Tetrachloroethene[1,2]
trans-1,2-Dichloroethene[1,2]
Trichloroethene[1,2,3]
Vinyl Chloride[1,2,3]

0 V: 5 H: 40
Scale in Feet

JACOBS™

Cross Section B - B' VOCs

New Bedford Harbor Superfund Site

11/07/16 JP AX_BB_20161014_VOCs_P.dwg

Figure 3-9

Y:\NBH\Projects\35BG1001\20161014\AutoCAD\VOCs\AX_BB_20161014_VOCs_P.dwg

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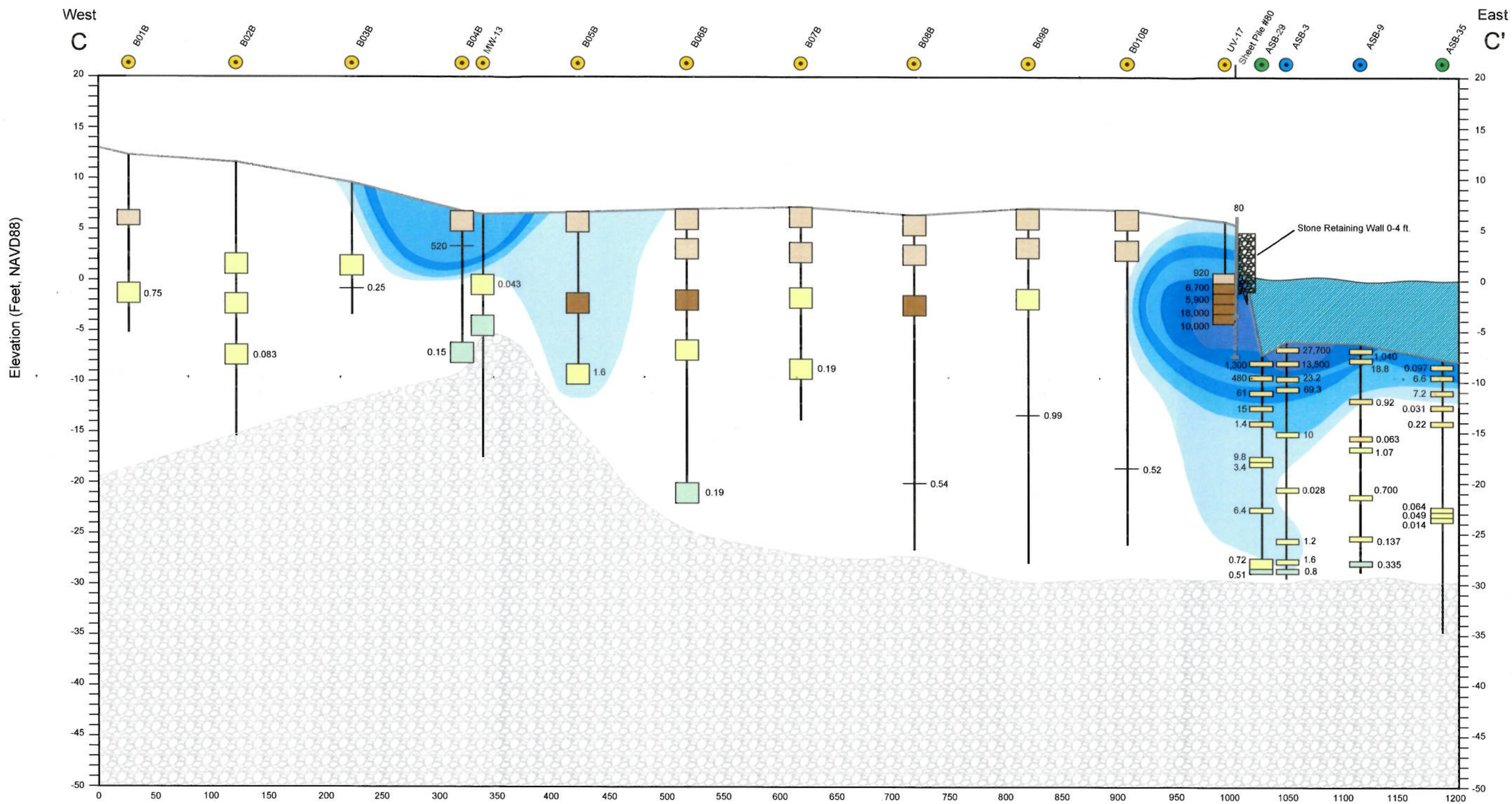


Legend

- Aerovox Boring Location [1]AECOM (2015)
- Aerovox Boring Location [2]Jacobs (2013)
- Aerovox Boring Location [3]Battelle (2016)
- Bathy Elevation
- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Bedrock

Sheetpile # 95
Sheetpile at 9ft bgs
Sheetpile at 13ft bgs
ft bgs = feet below ground surface

VOC Data (Total) PPM as mg/kg

Total VOCs Concentration (mg/kg)

- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- >10,000

*Geology on the Aerovox Site is inferred from historic soil borings.

Total VOCs:

1,1,1-Trichloroethane[1]
1,1,2-Trichloroethane[1]
1,1-Dichloroethane[1]
1,1-Dichloroethene[1]
1,1-Dichlorothene[2]
1,2,3-Trichlorobenzene[2]
1,2,4-Trichlorobenzene[1,2]
1,2-Dichlorobenzene[1,2]
1,3-Dichlorobenzene[1,2]
1,4-Dichlorobenzene[1,2]
Carbon Tetrachloride[1]
Chlorobenzene[1,2]
Chloroform[1]
cis-1,2-Dichloroethene[1,2,3]
Tetrachloroethene[1,2]
trans-1,2-Dichloroethene[1,2]
Trichloroethene[1,2,3]
Vinyl Chloride[1,2,3]

0 V: 10 H: 80
Scale in Feet

JACOBS™

Cross Section C - C' VOCs

New Bedford Harbor Superfund Site

11/07/16 JP AX_CC_20161014_VOCs_P.dwg

Figure 3-10

Y:\NBH\Projects\35BG1001\20161014\AutoCAD\VOCs\AX_CC_20161014_VOCs_P.dwg

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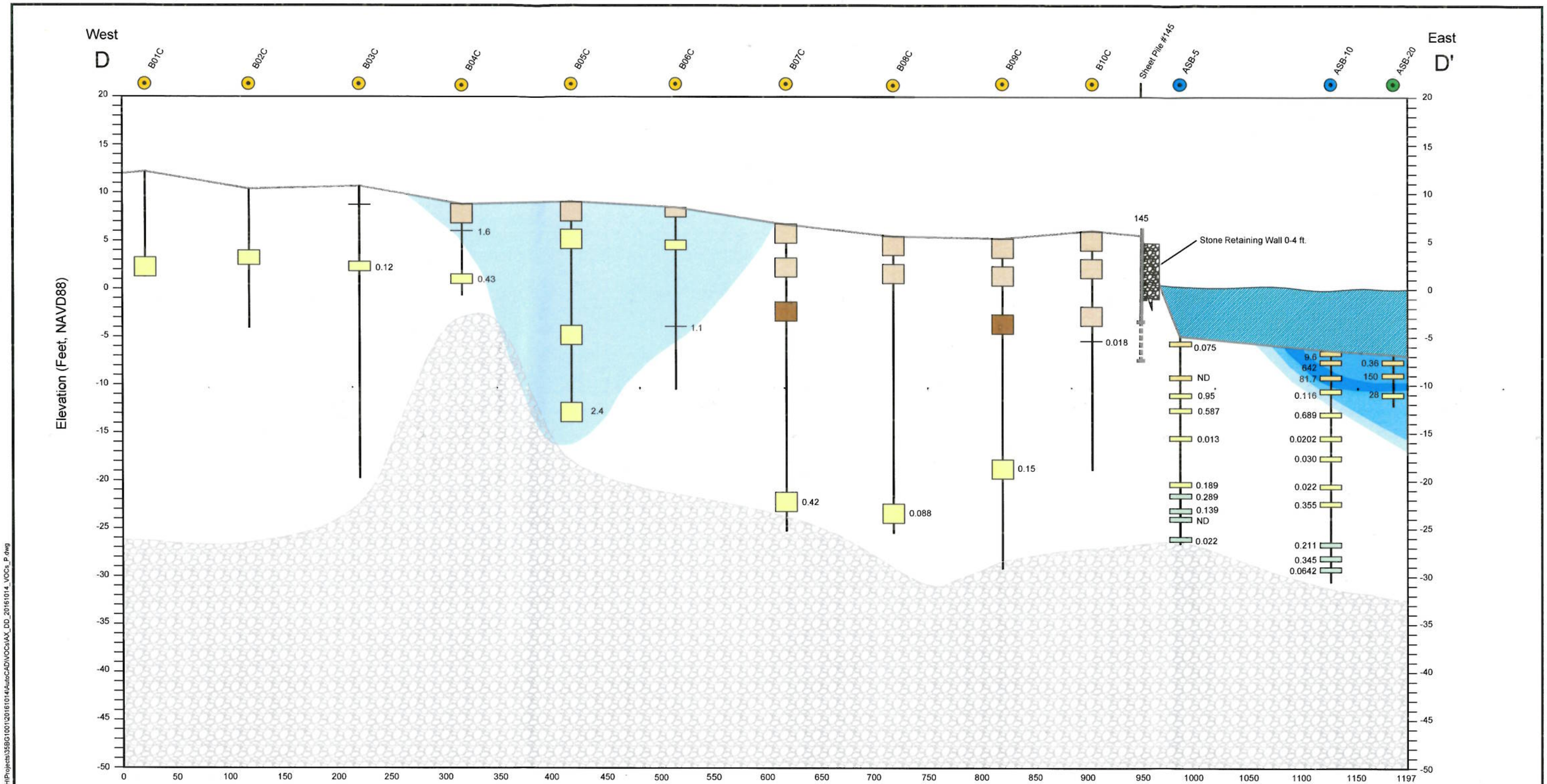


Legend

- Aerovox Boring Location [1]AECOM (2015)
- Aerovox Boring Location [2]Jacobs (2013)
- Aerovox Boring Location [3]Battelle (2016)
- Bathy Elevation
- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Bedrock

Sheetpile # 95
Sheetpile at 9ft bgs
Sheetpile at 13ft bgs
ft bgs = feet below ground surface

VOC Data (Total) PPM as mg/kg

Total VOCs Concentration (mg/kg)
- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- >10,000

Total VOCs:

| | | | |
|---|---|---|---|
| 1,1,1-Trichloroethane[1] | 1,2,3-Trichlorobenzene[2] | Carbon Tetrachloride[1] | trans-1,2-Dichloroethene[1,2] |
| 1,1,2-Trichloroethane[1] | 1,2,4-Trichlorobenzene[1,2] | Chlorobenzene[1,2] | Trichloroethene[1,2,3] |
| 1,1-Dichloroethane[1] | 1,2-Dichlorobenzene[1,2] | Chloroform[1] | Vinyl Chloride[1,2,3] |
| 1,1-Dichloroethene[1] | 1,3-Dichlorobenzene[1,2] | cis-1,2-Dichloroethene[1,2,3] | |
| 1,1-Dichlorothene[2] | 1,4-Dichlorobenzene[1,2] | Tetrachloroethene[1,2] | |

*Geology on the Aerovox Site is inferred from historic soil borings.

0 V: 10 H: 80
Scale in Feet

JACOBS

Cross Section D - D' VOCs

New Bedford Harbor Superfund Site

11/07/16 JP AX_DD_20161014_VOCs_P.dwg

Figure 3-11

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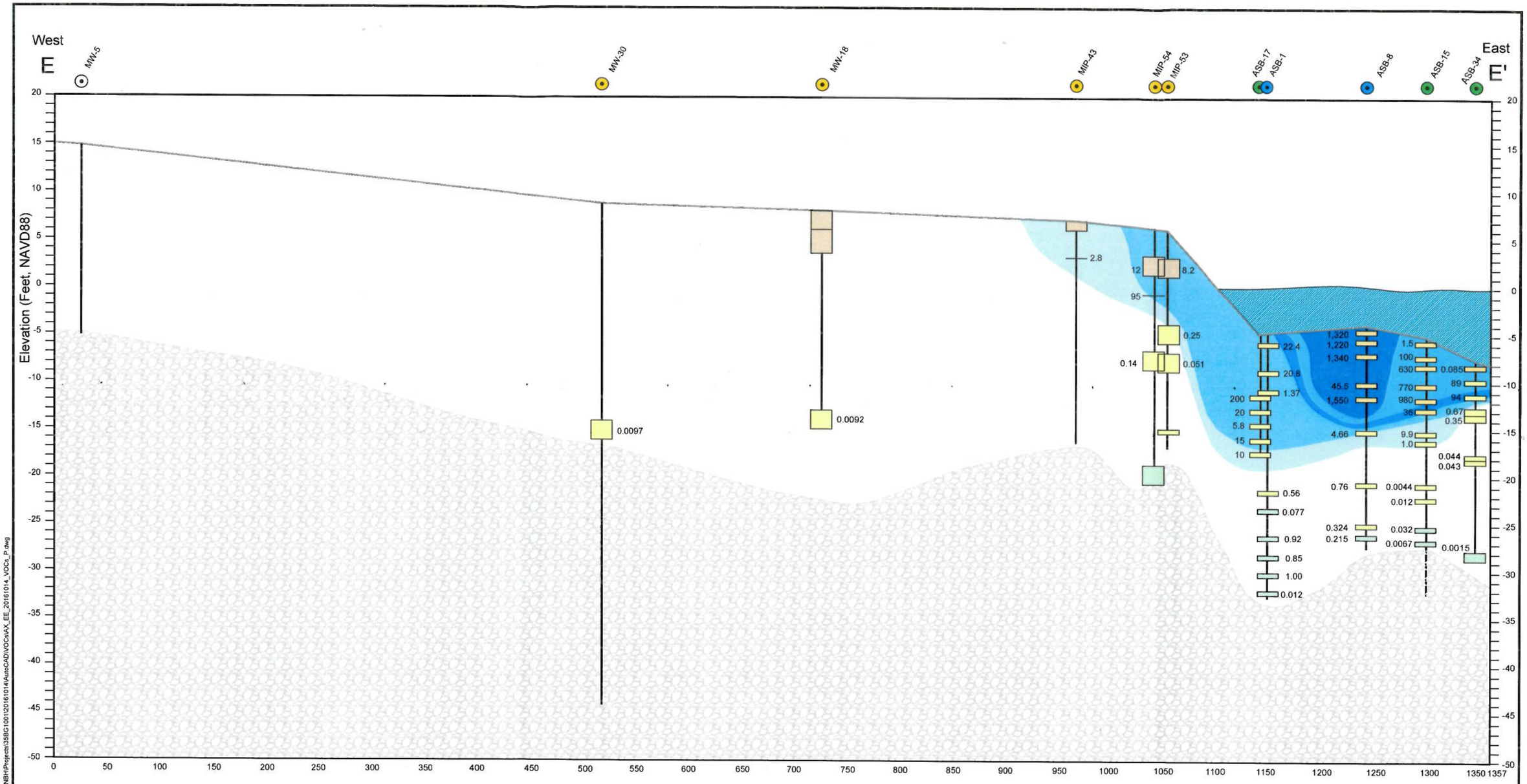


Legend

- Aerovox Boring Location [1]AECOM (2015)
- Aerovox Boring Location [2]Jacobs (2013)
- Aerovox Boring Location [3]Battelle (2016)
- Bathy Elevation

- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Bedrock

Sheetpile # 95

Sheetpile at 9ft bgs

Sheetpile at 13ft bgs

ft bgs = feet below ground surface

VOC Data (Total) PPM as mg/kg

Total VOCs Concentration (mg/kg)

- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- >10,000

Total VOCs:

1,1,1-Trichloroethane[1]
1,1,2-Trichloroethane[1]
1,1-Dichloroethane[1]
1,1-Dichloroethene[1]
1,1-Dichlorothene[2]
1,2,3-Trichlorobenzene[2]
1,2,4-Trichlorobenzene[1,2]
1,2-Dichlorobenzene[1,2]
1,3-Dichlorobenzene[1,2]
1,4-Dichlorobenzene[1,2]
Carbon Tetrachloride[1]
Chlorobenzene[1,2]
Chloroform[1]
cis-1,2-Dichloroethene[1,2,3]
Tetrachloroethene[1,2]
trans-1,2-Dichloroethene[1,2]
Trichloroethene[1,2,3]
Vinyl Chloride[1,2,3]

*Geology on the Aerovox Site is inferred from historic soil borings.

0 V: 10 H: 80

Scale in Feet

JACOBS™

Cross Section E - E' VOCs

New Bedford Harbor Superfund Site

11/07/16 JP AX_EE_20161014_VOCs_P.dwg

Figure 3-12

Y:\NBH\Projects\35BG1001\20161014\AutoCAD\VOCs\AX_EE_20161014_VOCs_P.dwg

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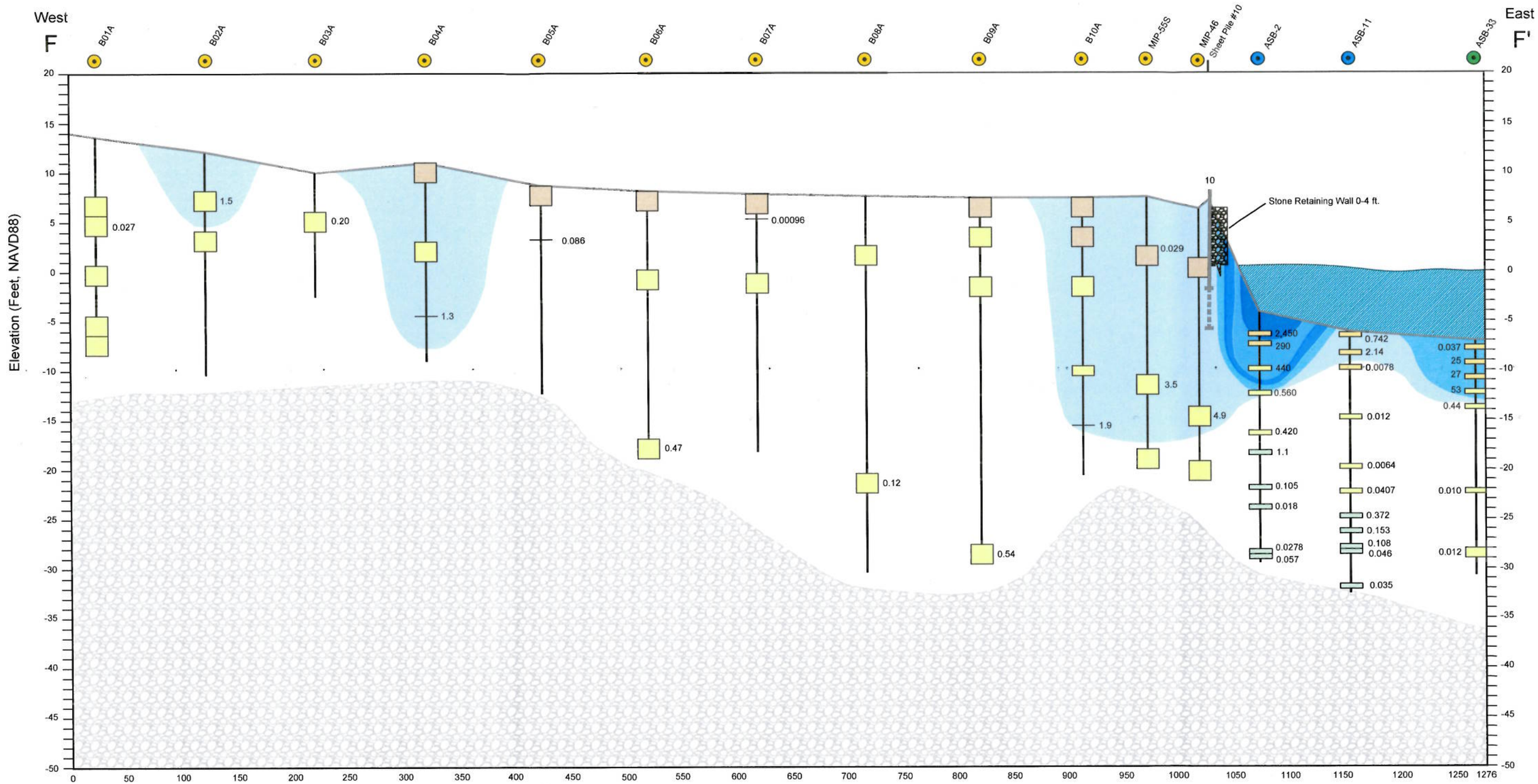


Legend

- Aerovox Boring Location [1]AECOM (2015)
- Aerovox Boring Location [2]Jacobs (2013)
- Aerovox Boring Location [3]Battelle (2016)
- Bathy Elevation

- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Bedrock

Sheetpile # 95

Sheetpile at 9ft bgs

Sheetpile at 13ft bgs

ft bgs = feet below ground surface

VOC Data (Total) PPM as mg/kg

Total VOCs Concentration (mg/kg)

- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- >10,000

Total VOCs:

1,1,1-Trichloroethane[1]
1,1,2-Trichloroethane[1]
1,1-Dichloroethane[1]
1,1-Dichloroethene[1]
1,1-Dichlorothene[2]
1,2,3-Trichlorobenzene[2]
1,2,4-Trichlorobenzene[1,2]
1,2-Dichlorobenzene[1,2]
1,3-Dichlorobenzene[1,2]
1,4-Dichlorobenzene[1,2]
Carbon Tetrachloride[1]
Chlorobenzene[1,2]
Chloroform[1]
cis-1,2-Dichloroethene[1,2,3]
Tetrachloroethene[1,2]
trans-1,2-Dichloroethene[1,2]
Trichloroethene[1,2,3]
Vinyl Chloride[1,2,3]

*Geology on the Aerovox Site is inferred from historic soil borings.

0 V: 10 H: 80
Scale in Feet

JACOBS™

Cross Section F - F' VOCs

New Bedford Harbor Superfund Site

11/07/16 JP AX_FF_20161014_VOCs_P.dwg

Figure 3-13

Y:\NBH\Projects\35BG1001\20161014\AutoCAD\VOCs\AX_FF_20161014_VOCs_P.dwg

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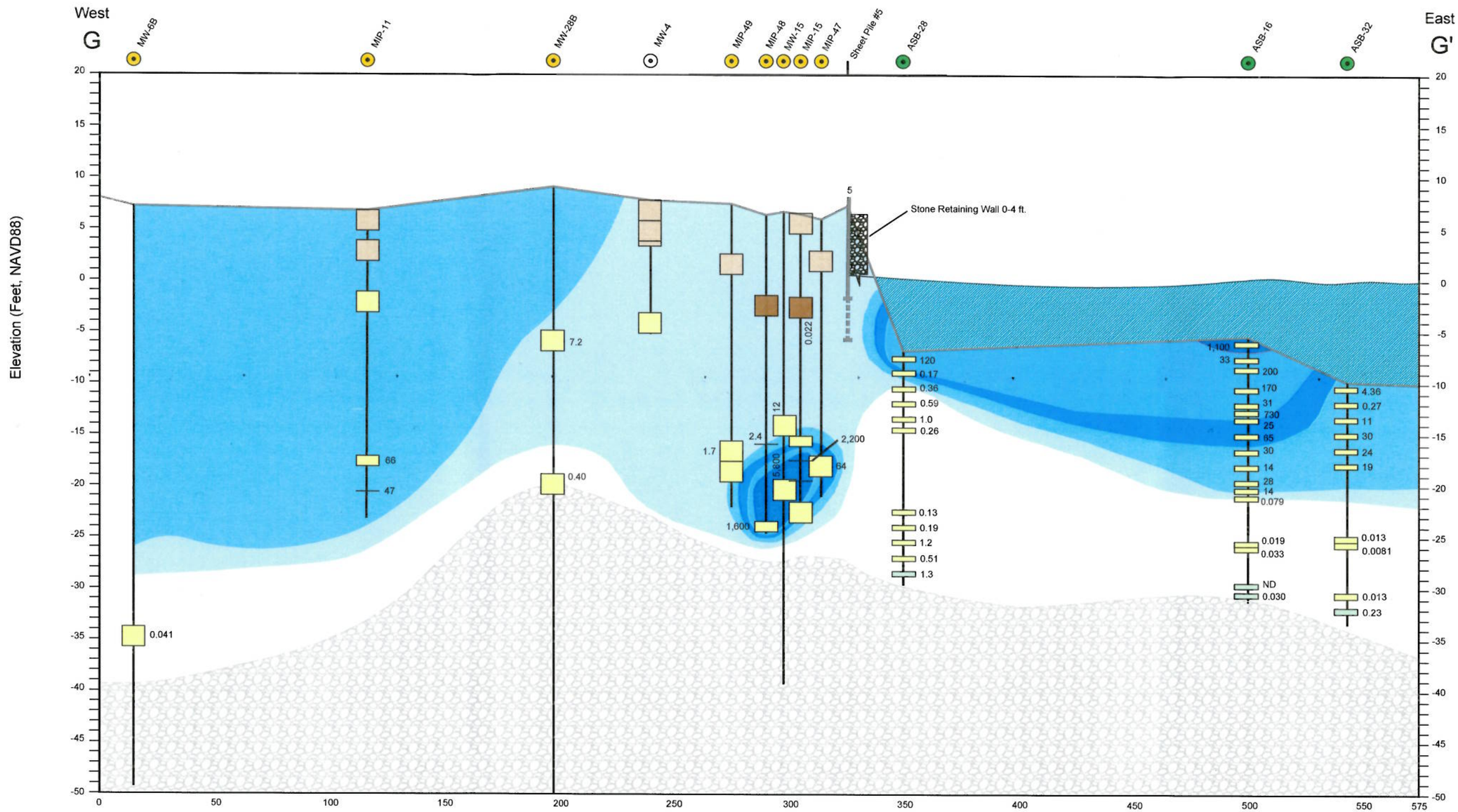


Legend

- Aerovox Boring Location [1]AECOM (2015)
- Aerovox Boring Location [2]Jacobs (2013)
- Aerovox Boring Location [3]Battelle (2016)
- Bathy Elevation
- Marine Deposits
- Glacial Outwash
- Glacial Till
- Peat
- Fill
- Bedrock

Sheetpile # 95
Sheetpile at 9ft bgs
Sheetpile at 13ft bgs
ft bgs = feet below ground surface

VOC Data (Total) PPM as mg/kg

Total VOCs Concentration (mg/kg)
- <1
- 1-10
- 10-50
- 50-100
- 100-1000
- 1000-10,000
- >10,000

Total VOCs:

1,1,1-Trichloroethane[1]
1,1,2-Trichloroethane[1]
1,1-Dichloroethane[1]
1,1-Dichloroethene[1]
1,1-Dichlorothene[2]
1,2,3-Trichlorobenzene[2]
1,2,4-Trichlorobenzene[1,2]
1,2-Dichlorobenzene[1,2]
1,3-Dichlorobenzene[1,2]
1,4-Dichlorobenzene[1,2]
Carbon Tetrachloride[1]
Chlorobenzene[1,2]
Chloroform[1]
cis-1,2-Dichloroethene[1,2,3]
Tetrachloroethene[1,2]
trans-1,2-Dichloroethene[1,2]
Trichloroethene[1,2,3]
Vinyl Chloride[1,2,3]

*Geology on the Aerovox Site is inferred from historic soil borings.

0 V: 10 H: 40
Scale in Feet

JACOBS™

Cross Section G - G' VOCs

New Bedford Harbor Superfund Site

11/11/16 JP AX_GG_20161014_VOCs_P.dwg

Figure 3-14

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