



Path: Z:\Users\Michelle\WORK\K\Stantec\TOC Holdings\GIS\MXDs\2015\CrossSectionTransects\Locs.mxd

**Legend**

- Property Boundary
- Cross Section Transect
- Site Boundary

40 20 0 40 Feet

N

**Well Classifications**

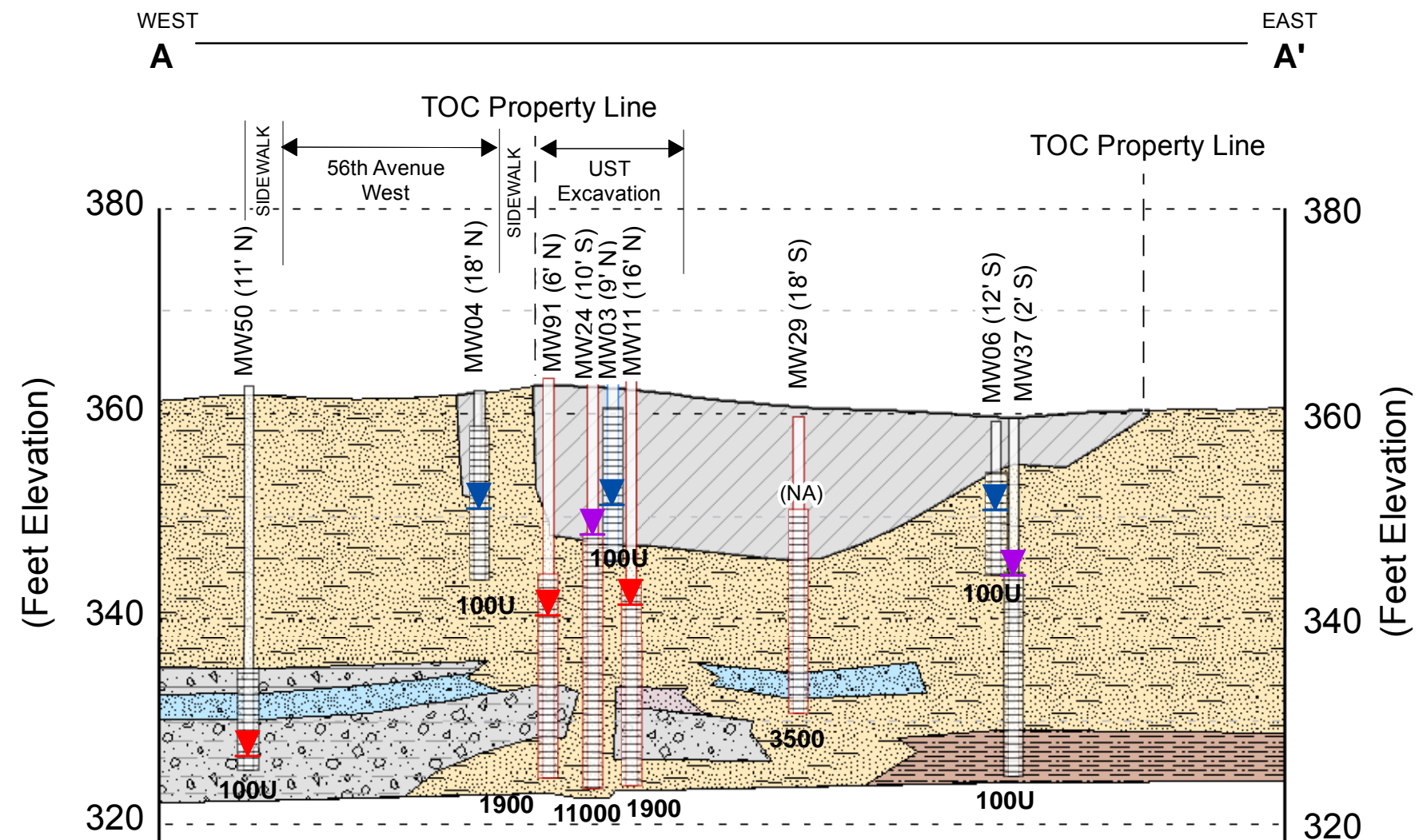
- ⊕ Abandoned Well
- ⊕ Upper Water-Bearing Interval Well
- ⊕ Intermediate Water-Bearing Interval Well
- ⊕ Lower Water-Bearing Interval Well
- ⊕ Well that intersects multiple intervals

TOC Holdings Co. Facility 01-176  
 24205-24309 56th Avenue West  
 Mountlake Terrace, Washington

**FIGURE 1:  
 CROSS SECTION TRANSECTS**

	DRAWN BY	M.S.	DATE DRAWN	1/13/2015
	SCALE	1 in = 50 ft		
	PROJECT	203714085 105A		

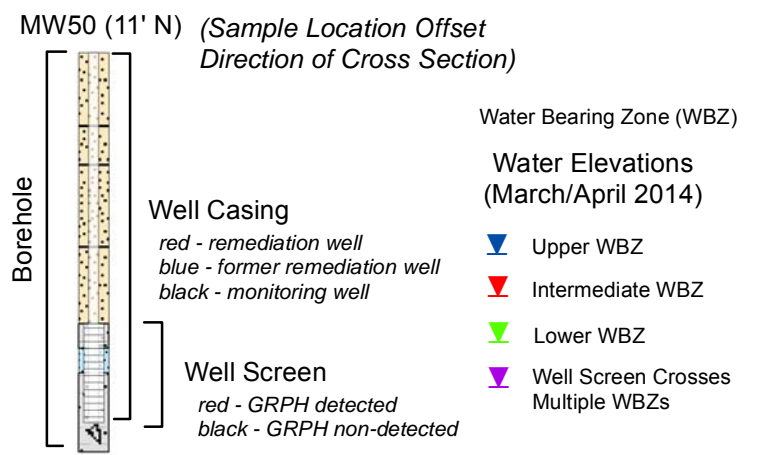
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Bold Font numbers below wells denote March 2014 GRPH concentrations in ug/L  
 U = sample reported below detection limit  
 NS = Not Sampled due to insufficient sample volume  
 NA = Groundwater Elevation is Not Available due to restricted access in 2" casing  
 DRY-TP = indicates the top of the pump was above the water table

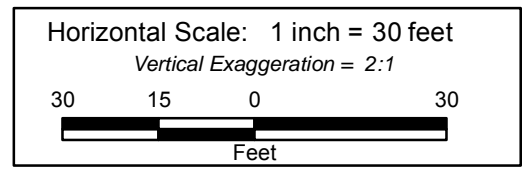
**Legend**

- |   |  |
|---|--|
| <b>GM</b> Silty Gravels, Gravel-Sand-Silt Mixtures                              | <b>OL</b> Organic Silts and Very Fine Sands, Silty Clayey Fine Sands |
| <b>GP</b> Poorly Graded Gravels, Gravel-Sand Mixtures, Little or No Fines       | <b>SM</b> Silty Sands, Sand-Clay Mixtures                            |
| <b>ML</b> Inorganic Silts and Very Fine Sands, Silty Clayey Fine Sands          | <b>SP</b> Poorly Graded Sands, Gravelly Sand, Little or No Fines     |
| <b>NR</b> No Recovery, No Information for Location                              | <b>SW</b> Well Graded Sands, Little to No Fines or Gravel            |
| <b>SP-SM</b> - Indicates Grades Between Two Classifications                     | <b>Fill</b> Silty Sands With Gravel                                  |
| <b>SP/ML</b> / Indicates Interbedded Layers (NM) = Water Elevation Not Measured | (Only wells within 20 feet of transect line are displayed)           |



DATE DRAWN:..... 1/12/2015  
 DRAWN BY:..... M.S.  
 CHECKED BY:..... R.B.  
 FILE NAME: ..... XSectionA.mxd

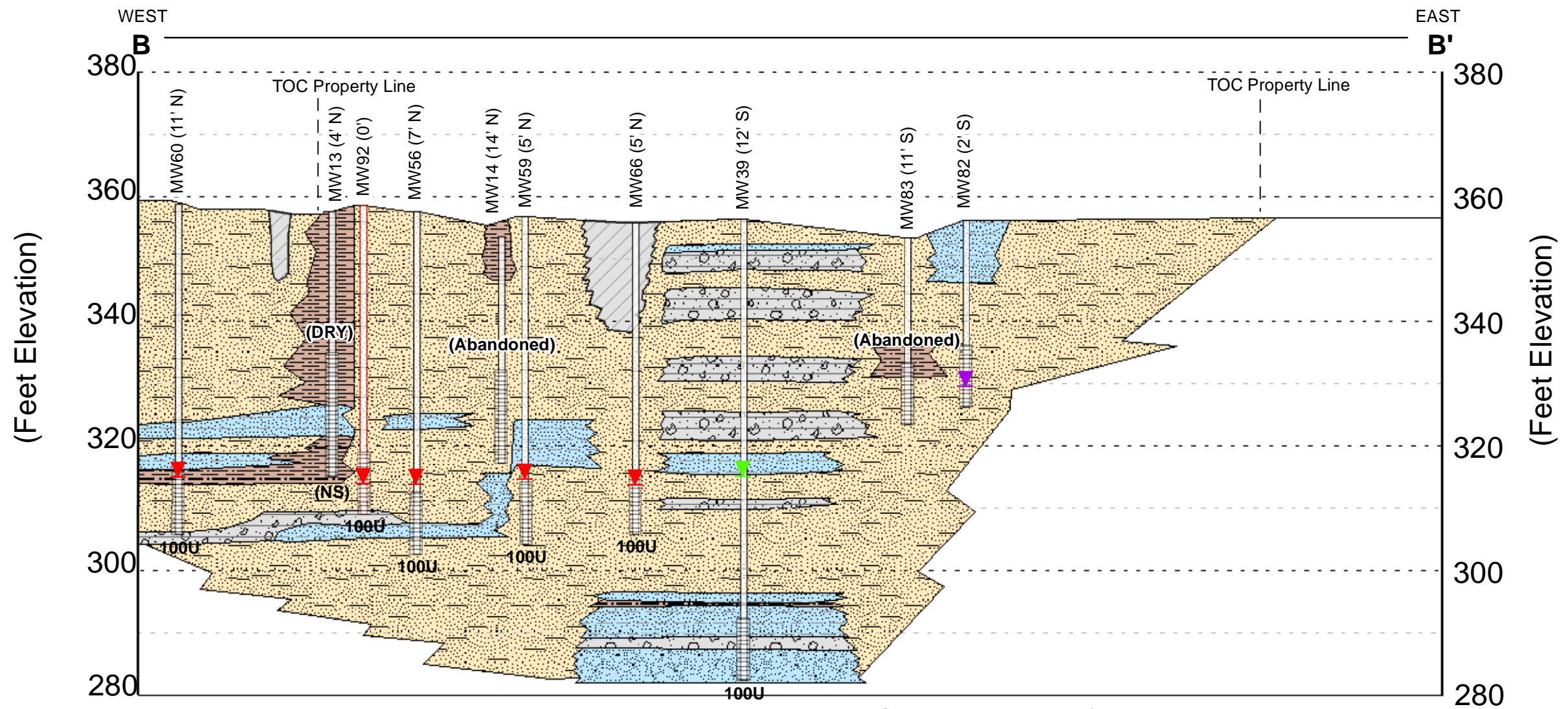
PROJECT NAME:..... TOC Holdings Co. Facility 01-176  
 PROJECT NUMBER:..... 203714085 105A  
 STREET ADDRESS:..... 24205-24309 56th Avenue West  
 CITY, STATE: ..... Mountlake Terrace, Washington



**FIGURE 1  
 CROSS SECTION A-A'**

Path: Z:\Users\Michelle\WORK\Stantec\TOC Holdings Co. Facility 01-176\XSectionA.mxd

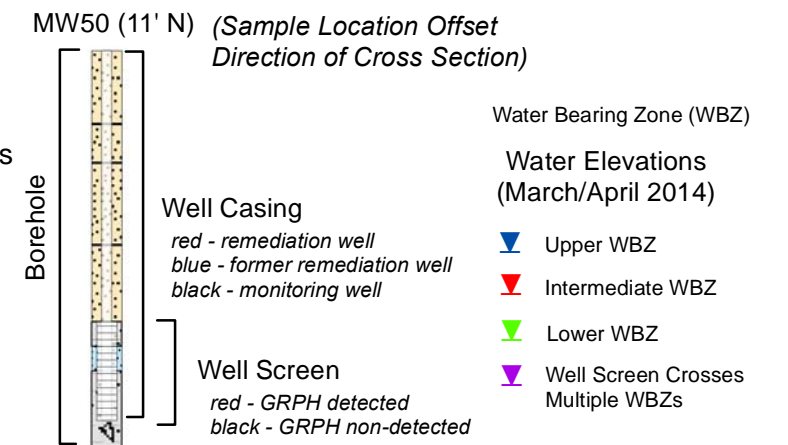
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Bold Font numbers below wells denote March 2014 GRPH concentrations in ug/L  
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 NA = Groundwater Elevation is Not Available due to restricted access in 2" casing  
 DRY-TP = indicates the top of the pump was above the water table

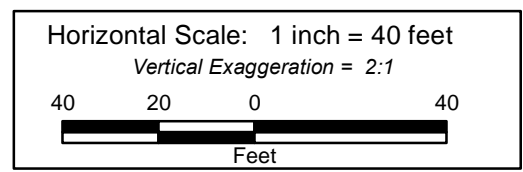
**Legend**

- |   |   |   |  |
|---|---|---|--|
|   | <b>GM</b> Silty Gravels, Gravel-Sand-Silt Mixtures                        |   | <b>OL</b> Organic Silts and Very Fine Sands, Silty Clayey Fine Sands |
|   | <b>GP</b> Poorly Graded Gravels, Gravel-Sand Mixtures, Little or No Fines |   | <b>SM</b> Silty Sands, Sand-Clay Mixtures                            |
|   | <b>ML</b> Inorganic Silts and Very Fine Sands, Silty Clayey Fine Sands    |   | <b>SP</b> Poorly Graded Sands, Gravelly Sand, Little or No Fines     |
|   | <b>NR</b> No Recovery, No Information for Location                        |   | <b>SW</b> Well Graded Sands, Little to No Fines or Gravel            |
| <b>SP-SM</b> - Indicates Grades Between Two Classifications |   |   | <b>Fill</b> Silty Sands With Gravel                                  |
| <b>SP/ML</b> / Indicates Interbedded Layers                 |   | <i>(Only wells within 15 feet of transect line are displayed)</i> |  |



DATE DRAWN:..... 1/12/2015  
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 CHECKED BY:..... R.B.  
 FILE NAME: ..... XSectionB.mxd

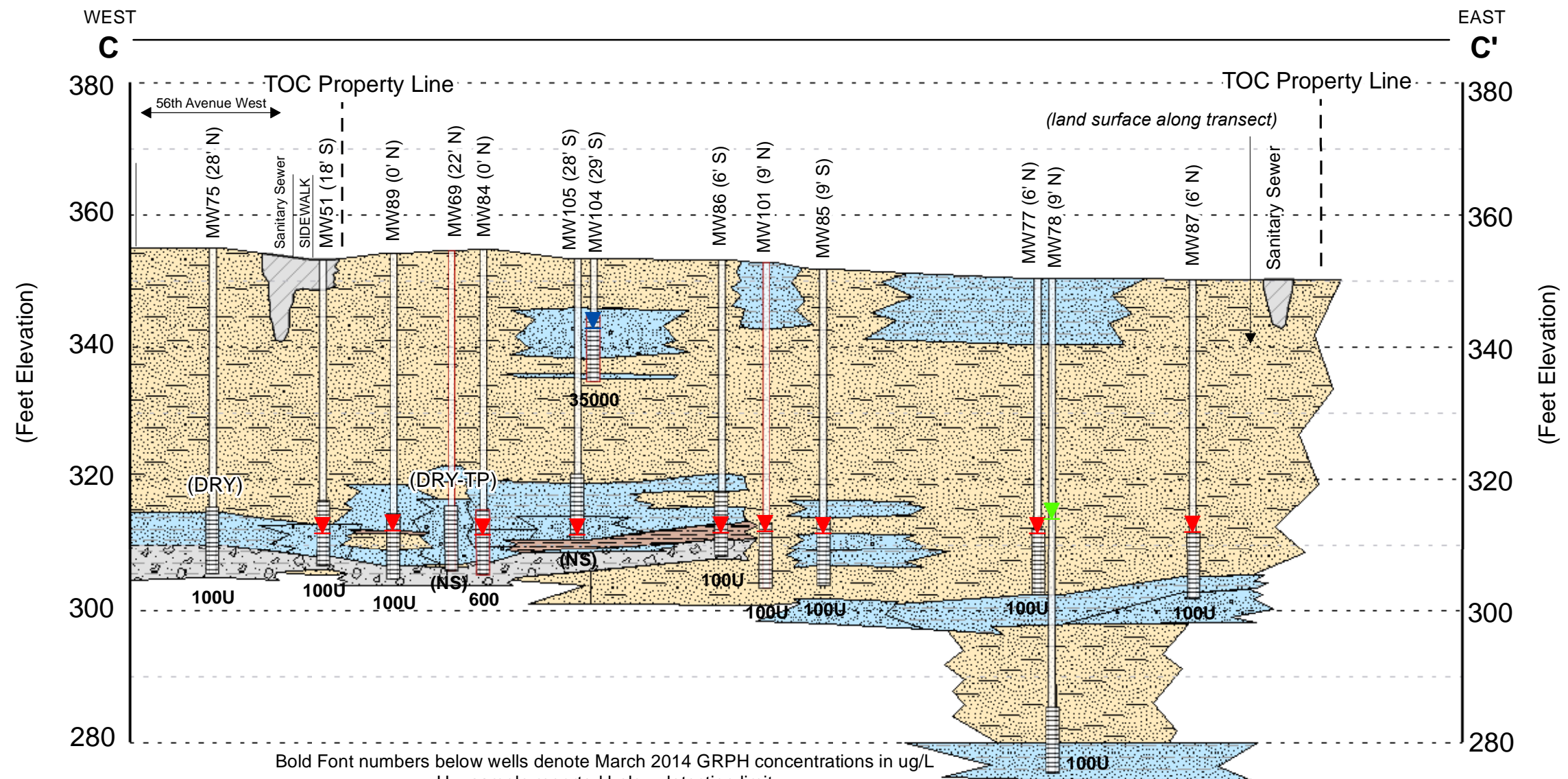
PROJECT NAME:..... TOC Holdings Co. Facility 01-176  
 PROJECT NUMBER:..... 203714085 105A  
 STREET ADDRESS:..... 24205-24309 56th Avenue West  
 CITY, STATE: ..... Mountlake Terrace, Washington



**FIGURE 2  
 CROSS SECTION B-B'**

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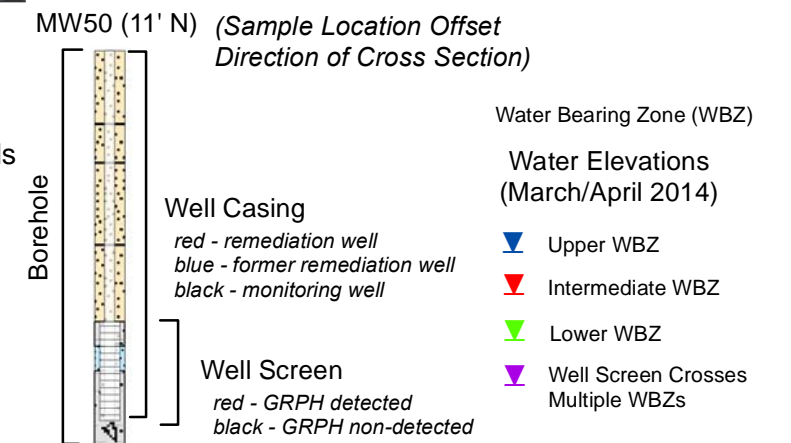
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Bold Font numbers below wells denote March 2014 GRPH concentrations in ug/L  
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 NS = Not Sampled due to insufficient sample volume  
 NA = Groundwater Elevation is Not Available due to restricted access in 2" casing  
 DRY-TP = indicates the top of the pump was above the water table

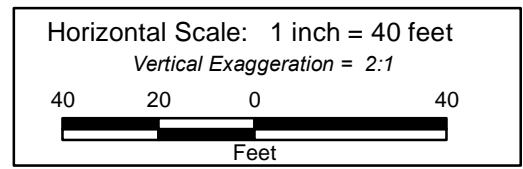
**Legend**

- |   |   |   |  |
|---|---|---|--|
|   | <b>GM</b> Silty Gravels, Gravel-Sand-Silt Mixtures                        |   | <b>OL</b> Organic Silts and Very Fine Sands, Silty Clayey Fine Sands |
|   | <b>GP</b> Poorly Graded Gravels, Gravel-Sand Mixtures, Little or No Fines |   | <b>SM</b> Silty Sands, Sand-Clay Mixtures                            |
|   | <b>ML</b> Inorganic Silts and Very Fine Sands, Silty Clayey Fine Sands    |   | <b>SP</b> Poorly Graded Sands, Gravelly Sand, Little or No Fines     |
|   | <b>NR</b> No Recovery, No Information for Location                        |   | <b>SW</b> Well Graded Sands, Little to No Fines or Gravel            |
| <b>SP-SM</b> - Indicates Grades Between Two Classifications |   |   | <b>Fill</b> Silty Sands With Gravel                                  |
| <b>SP/ML</b> / Indicates Interbedded Layers                 |   | <i>(Only wells within 30 feet of transect line are displayed)</i> |  |



DATE DRAWN:..... 1/12/2015  
 DRAWN BY:..... M.S.  
 CHECKED BY:..... R.B.  
 FILE NAME: ..... XSectionC.mxd

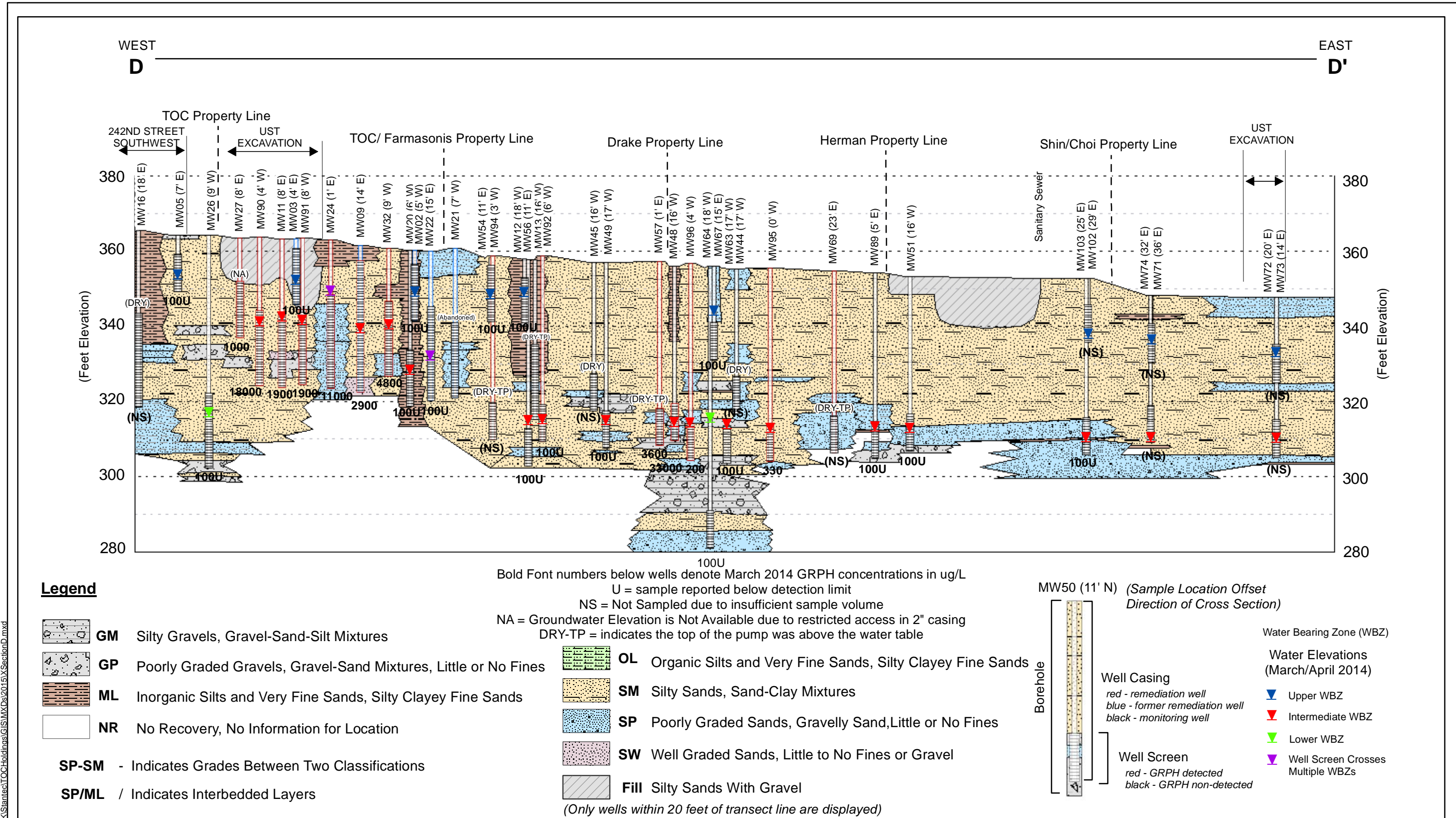
PROJECT NAME:..... TOC Holdings Co. Facility 01-176  
 PROJECT NUMBER:..... 203714085 105A  
 STREET ADDRESS:..... 24205-24309 56th Avenue West  
 CITY, STATE: ..... Mountlake Terrace, Washington



**FIGURE 3  
 CROSS SECTION C-C'**

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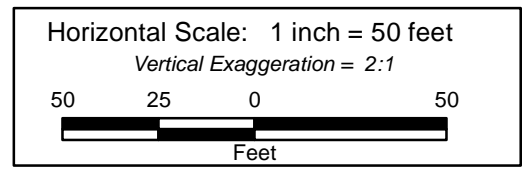


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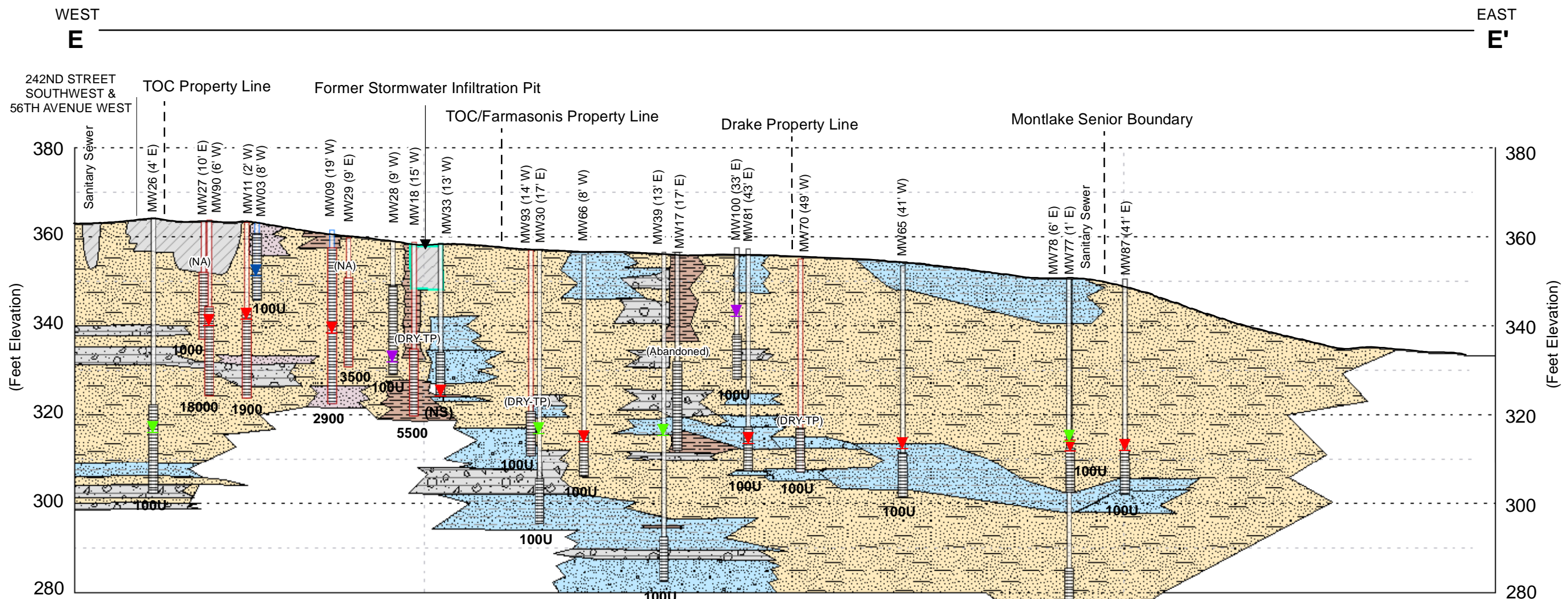
DATE DRAWN:..... 1/12/2015  
 DRAWN BY:..... M.S.  
 CHECKED BY:..... R.B.  
 FILE NAME: ..... XSectionD.mxd

PROJECT NAME:..... TOC Holdings Co. Facility 01-176  
 PROJECT NUMBER:..... 203714085 105A  
 STREET ADDRESS:..... 24205-24309 56th Avenue West  
 CITY, STATE: ..... Mountlake Terrace, Washington



**FIGURE 4**  
**CROSS SECTION D-D'**

Path: Z:\Users\Michelle\WORK\Stantec\TOC Holdings Co. Facility 01-176\GIS\MXDs\2015\XSectionE.mxd



Bold Font numbers below wells denote March 2014 GRPH concentrations in ug/L  
 U = sample reported below detection limit  
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 NA = Groundwater Elevation is Not Available due to restricted access in 2" casing  
 DRY-TP = indicates the top of the pump was above the water table

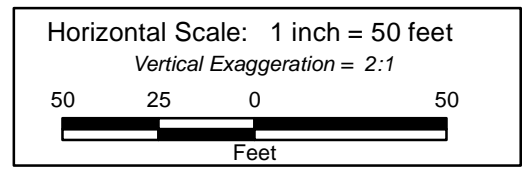
**Legend**

- |  |   |  |  |   |
|--|---|--|--|---|
|  | <b>GM</b> Silty Gravels, Gravel-Sand-Silt Mixtures                        |  | <b>OL</b> Organic Silts and Very Fine Sands, Silty Clayey Fine Sands | <br>Borehole<br>Well Casing<br>red - remediation well<br>blue - former remediation well<br>black - monitoring well<br>Well Screen<br>red - GRPH detected<br>black - GRPH non-detected |
|  | <b>GP</b> Poorly Graded Gravels, Gravel-Sand Mixtures, Little or No Fines |  | <b>SM</b> Silty Sands, Sand-Clay Mixtures                            |   |
|  | <b>ML</b> Inorganic Silts and Very Fine Sands, Silty Clayey Fine Sands    |  | <b>SP</b> Poorly Graded Sands, Gravelly Sand, Little or No Fines     |   |
|  | <b>NR</b> No Recovery, No Information for Location                        |  | <b>SW</b> Well Graded Sands, Little to No Fines or Gravel            |   |
|  | <b>SP-SM</b> - Indicates Grades Between Two Classifications               |  | <b>Fill</b> Silty Sands With Gravel                                  |   |
- SP/ML** / Indicates Interbedded Layers
- (Only wells within 20 feet of transect line are displayed)
- Water Bearing Zone (WBZ)**  
 Water Elevations (March/April 2014)  
 Upper WBZ (blue triangle)  
 Intermediate WBZ (red triangle)  
 Lower WBZ (green triangle)  
 Well Screen Crosses Multiple WBZs (purple triangle)



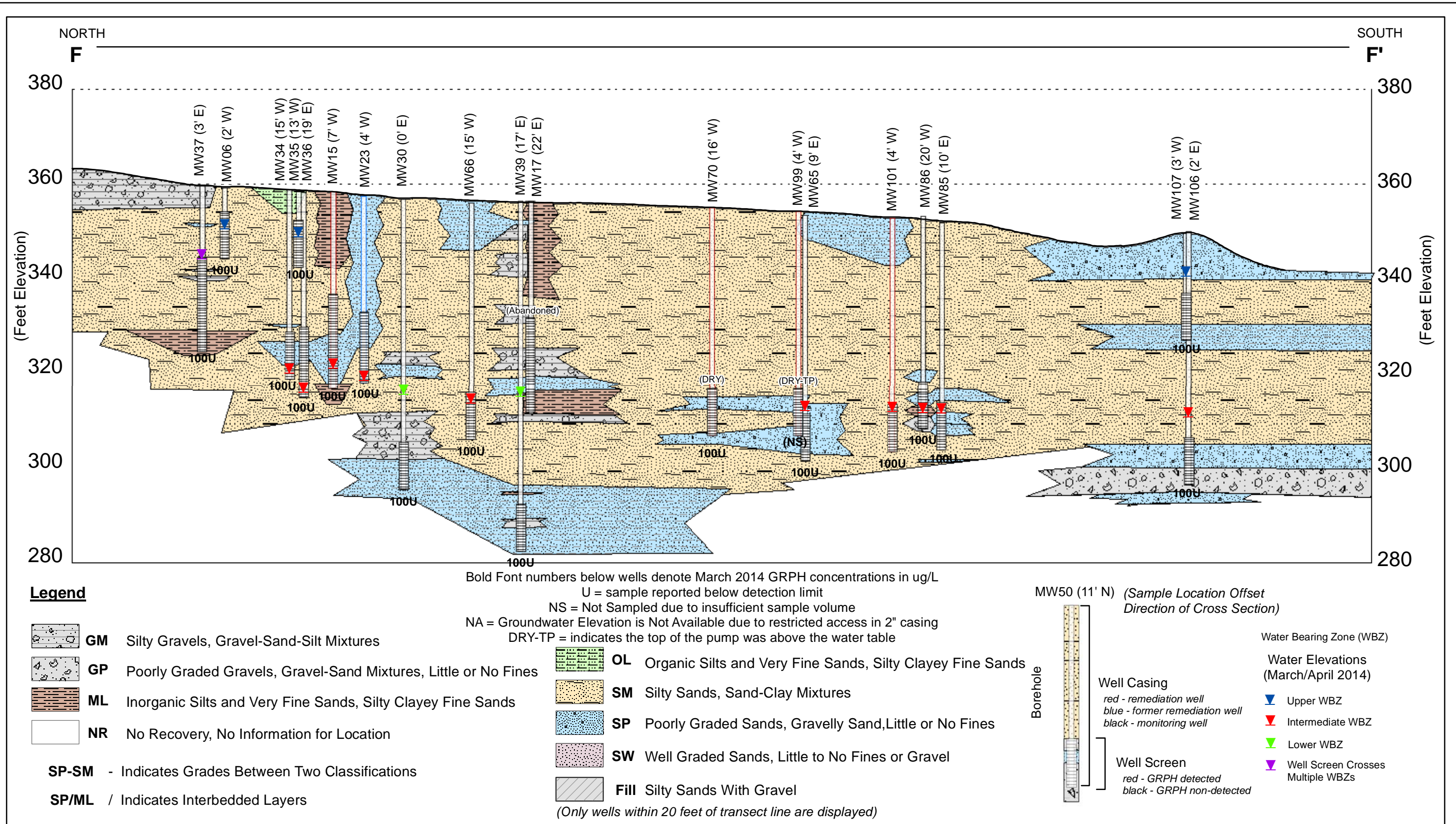
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 DRAWN BY:..... M.S.  
 CHECKED BY:..... R.B.  
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PROJECT NAME:..... TOC Holdings Co. Facility 01-176  
 PROJECT NUMBER:..... 203714085 105A.  
 STREET ADDRESS:..... 24205-24309 56th Avenue West  
 CITY, STATE: ..... Mountlake Terrace, Washington



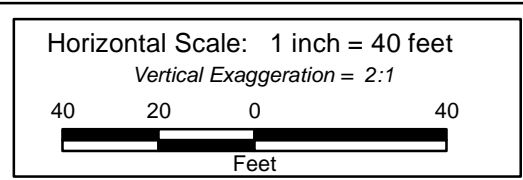
**FIGURE 5  
 CROSS SECTION E-E'**

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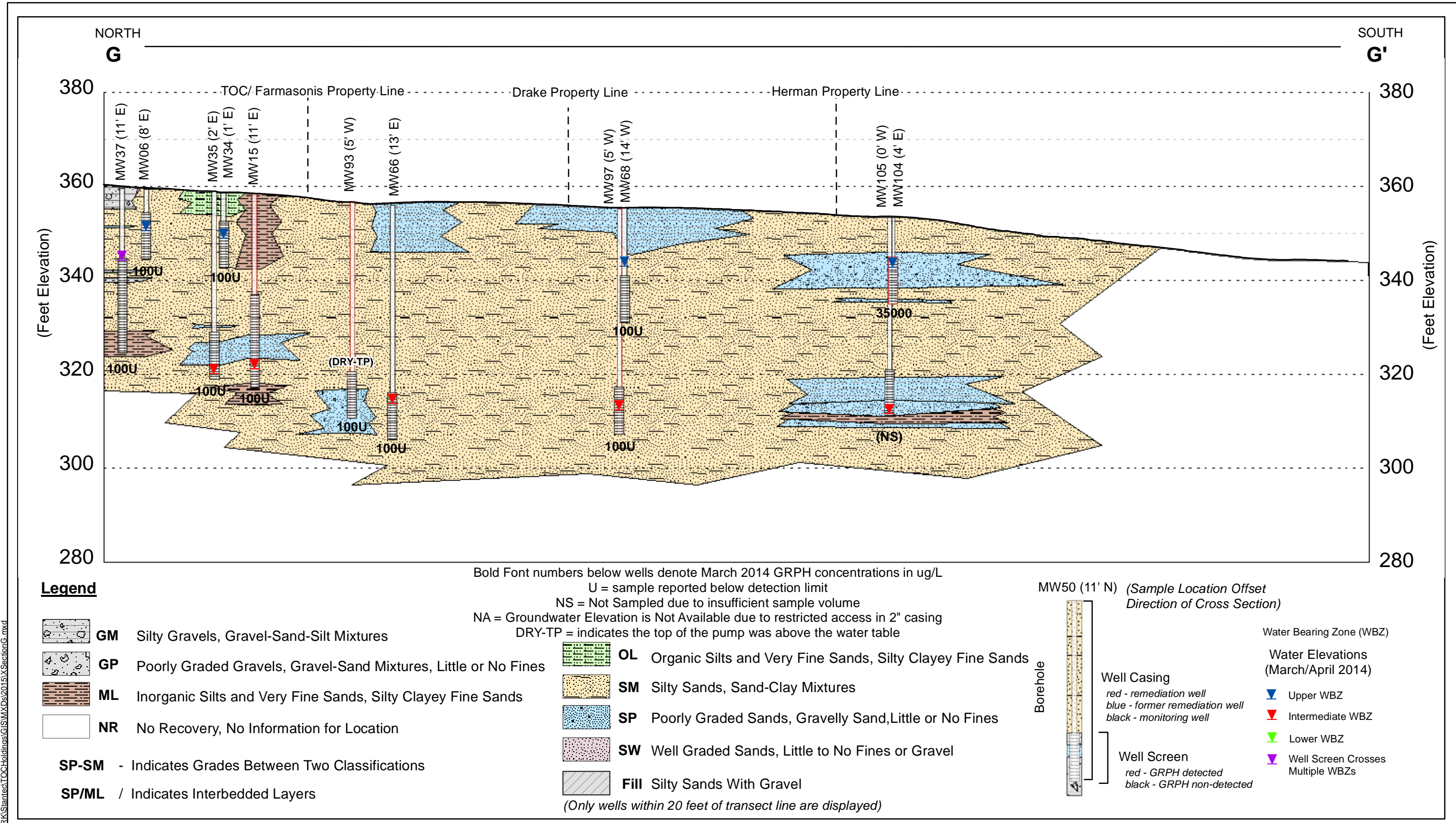
DATE DRAWN:..... 1/13/2015  
 DRAWN BY:..... M.S.  
 CHECKED BY:..... R.B.  
 FILE NAME: ..... XSectionF.mxd

PROJECT NAME:..... TOC Holdings Co. Facility 01-176  
 PROJECT NUMBER:..... 203714085 105A.  
 STREET ADDRESS:..... 24205-24309 56th Avenue West  
 CITY, STATE: ..... Mountlake Terrace, Washington



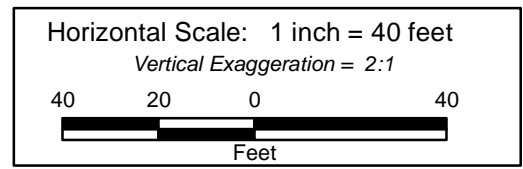
**FIGURE 6**  
**CROSS SECTION F-F'**

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DATE DRAWN:..... 1/13/2015  
 DRAWN BY:..... M.S.  
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 FILE NAME: ..... XSectionG.mxd

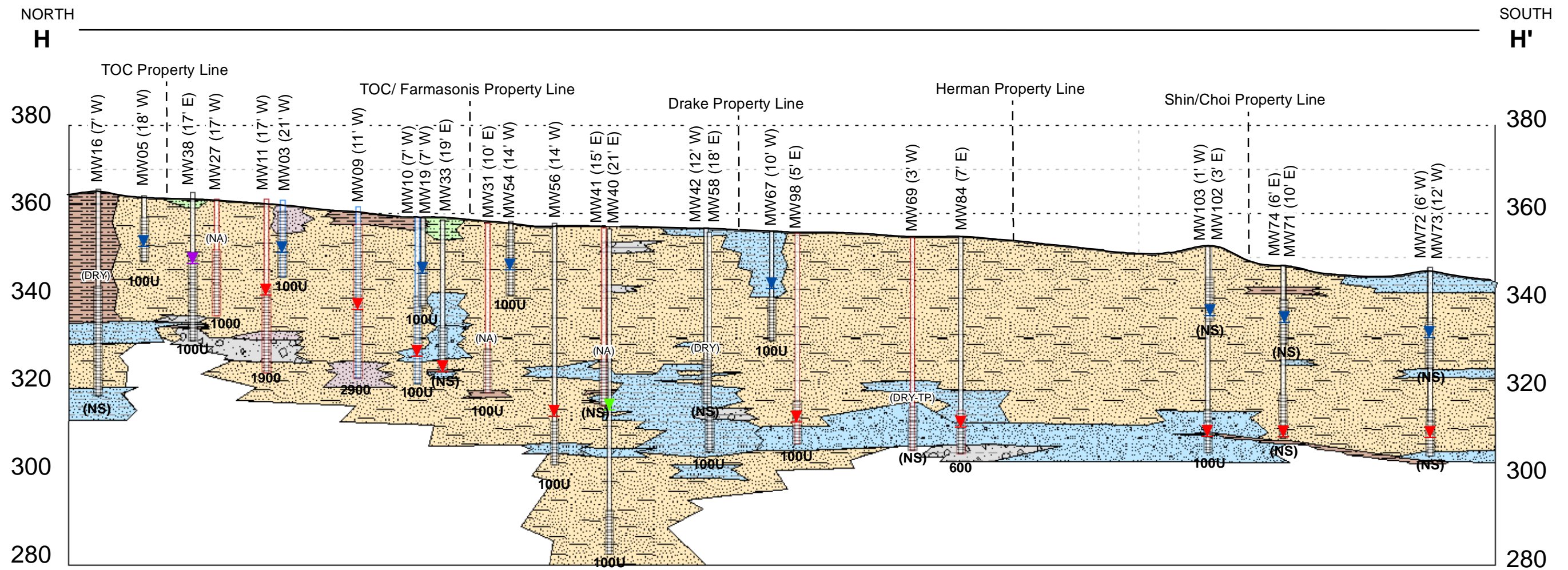
PROJECT NAME:..... TOC Holdings Co. Facility 01-176  
 PROJECT NUMBER:..... 203714085 105A.  
 STREET ADDRESS:..... 24205-24309 56th Avenue West  
 CITY, STATE: ..... Mountlake Terrace, Washington



**FIGURE 7  
 CROSS SECTION G-G'**

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 NA = Groundwater Elevation is Not Available due to restricted access in 2" casing  
 DRY-TP = indicates the top of the pump was above the water table

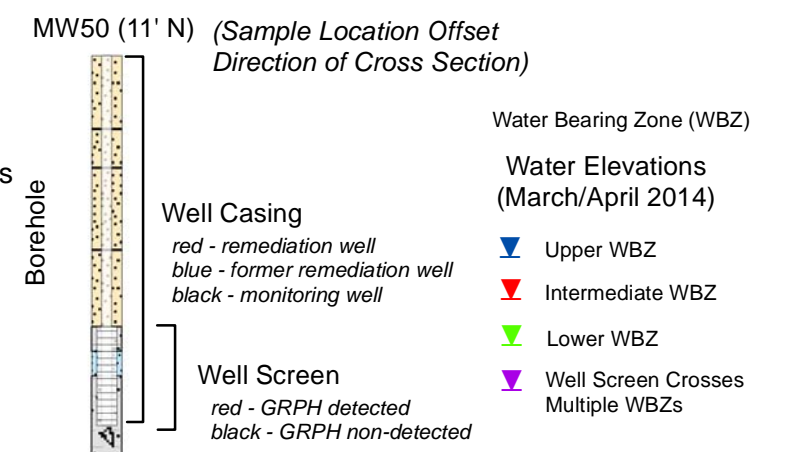
**Legend**

- GM** Silty Gravels, Gravel-Sand-Silt Mixtures
- GP** Poorly Graded Gravels, Gravel-Sand Mixtures, Little or No Fines
- ML** Inorganic Silts and Very Fine Sands, Silty Clayey Fine Sands
- NR** No Recovery, No Information for Location

**SP-SM** - Indicates Grades Between Two Classifications  
**SP/ML** / Indicates Interbedded Layers

- OL** Organic Silts and Very Fine Sands, Silty Clayey Fine Sands
- SM** Silty Sands, Sand-Clay Mixtures
- SP** Poorly Graded Sands, Gravelly Sand, Little or No Fines
- SW** Well Graded Sands, Little to No Fines or Gravel
- Fill** Silty Sands With Gravel

(Only wells within 20 feet of transect line are displayed)

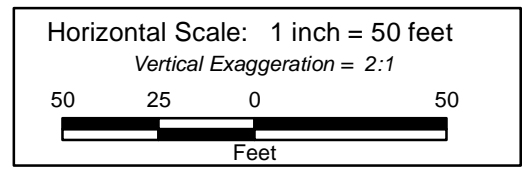


Path: Z:\Users\Michelle\WORK\Stantec\TOC Holdings Co. Facility 01-176\GIS\MapDocs\2015\XSectionH.mxd

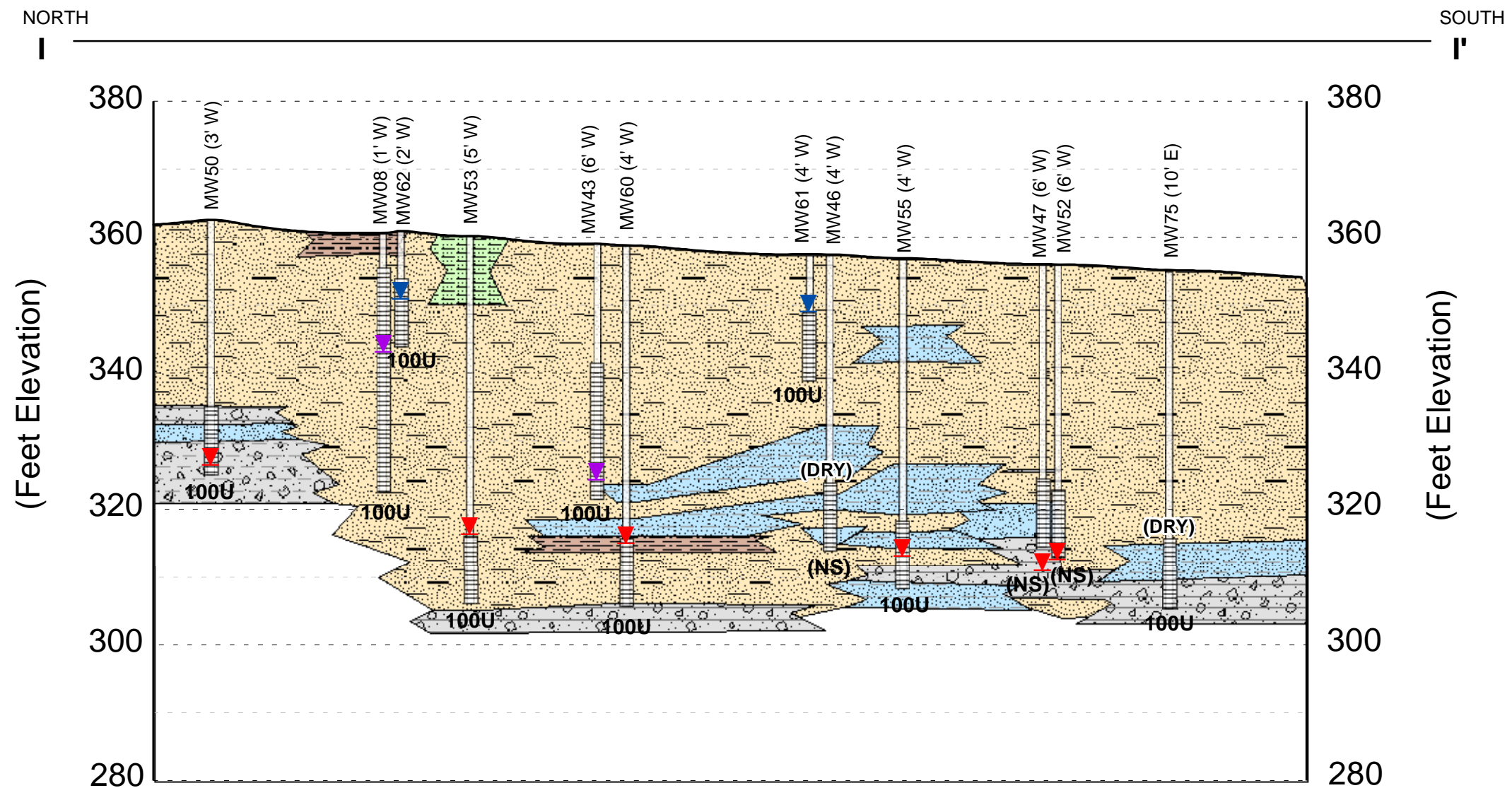


DATE DRAWN:..... 1/13/2015  
 DRAWN BY:..... M.S.  
 CHECKED BY:..... R.B.  
 FILE NAME: ..... XSectionH.mxd

PROJECT NAME:..... TOC Holdings Co. Facility 01-176  
 PROJECT NUMBER:..... 203714085 105A.  
 STREET ADDRESS:..... 24205-24309 56th Avenue West  
 CITY, STATE: ..... Mountlake Terrace, Washington



**FIGURE 8**  
**CROSS SECTION H-H'**



Bold Font numbers below wells denote March 2014 GRPH concentrations in ug/L  
 U = sample reported below detection limit  
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 NA = Groundwater Elevation is Not Available due to restricted access in 2" casing  
 DRY-TP = indicates the top of the pump was above the water table

**Legend**

- GM** Silty Gravels, Gravel-Sand-Silt Mixtures
- GP** Poorly Graded Gravels, Gravel-Sand Mixtures, Little or No Fines
- ML** Inorganic Silts and Very Fine Sands, Silty Clayey Fine Sands
- NR** No Recovery, No Information for Location

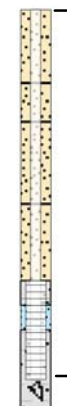
**SP-SM** - Indicates Grades Between Two Classifications  
**SP/ML** / Indicates Interbedded Layers

- OL** Organic Silts and Very Fine Sands, Silty Clayey Fine Sands
- SM** Silty Sands, Sand-Clay Mixtures
- SP** Poorly Graded Sands, Gravelly Sand, Little or No Fines
- SW** Well Graded Sands, Little to No Fines or Gravel
- Fill** Silty Sands With Gravel

(Only wells within 15 feet of transect line are displayed)

MW50 (11' N) (Sample Location Offset Direction of Cross Section)

Borehole



**Well Casing**  
 red - remediation well  
 blue - former remediation well  
 black - monitoring well

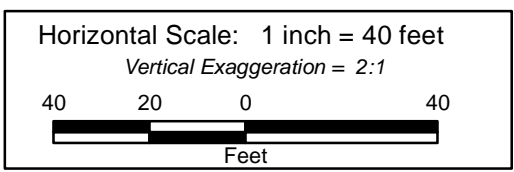
**Well Screen**  
 red - GRPH detected  
 black - GRPH non-detected

- Water Bearing Zone (WBZ)
- Water Elevations (March/April 2014)
- Upper WBZ
- Intermediate WBZ
- Lower WBZ
- Well Screen Crosses Multiple WBZs



DATE DRAWN:..... 1/13/2015  
 DRAWN BY:..... M.S.  
 CHECKED BY:..... R.B.  
 FILE NAME: ..... XSectionI.mxd

PROJECT NAME:..... TOC Holdings Co. Facility 01-176  
 PROJECT NUMBER:..... 203714085 105A  
 STREET ADDRESS:..... 24205-24309 56th Avenue West  
 CITY, STATE: ..... Mountlake Terrace, Washington



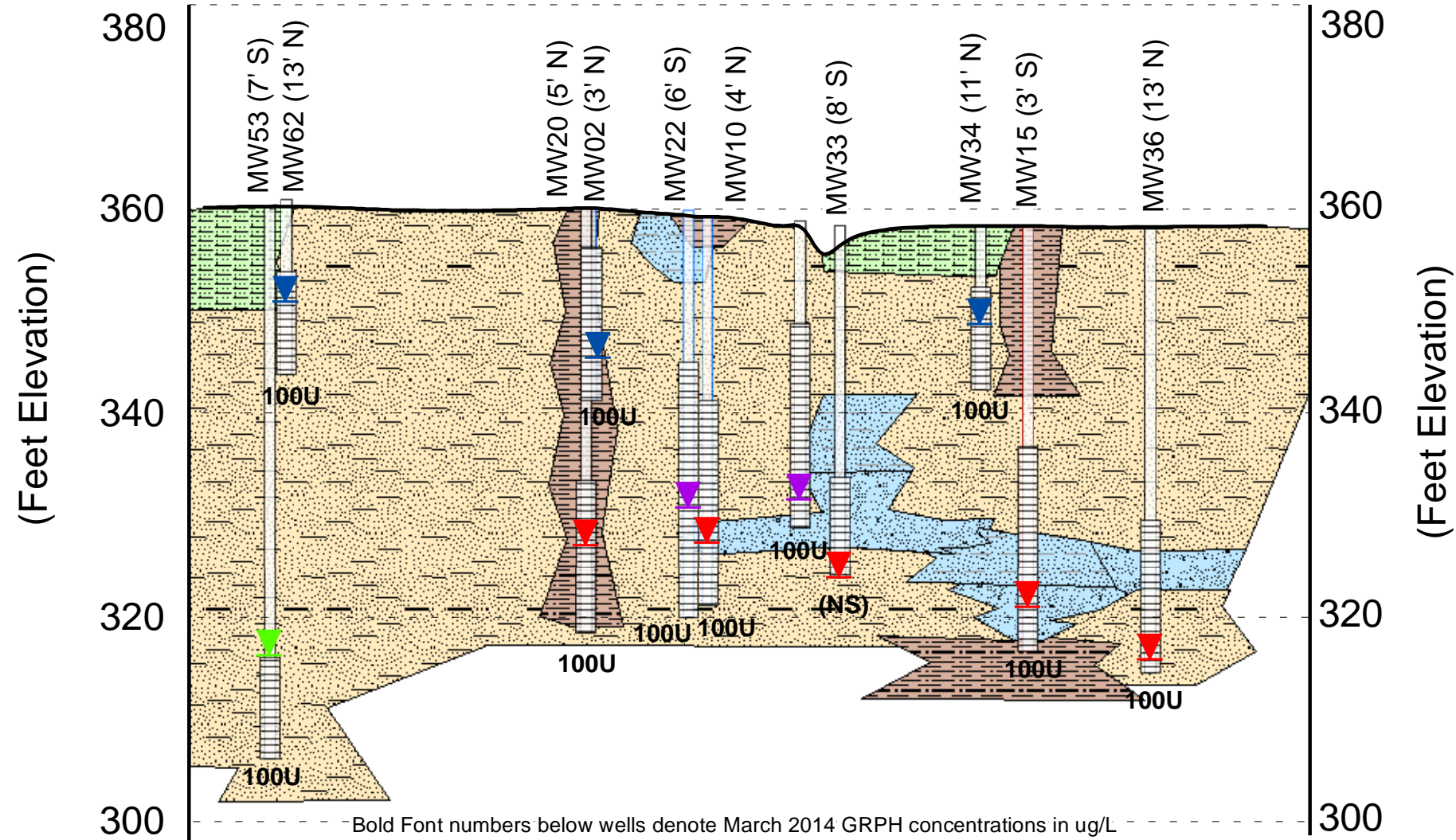
**FIGURE 9  
 CROSS SECTION I-I'**

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EAST  
J

WEST  
J'



**Legend**

- GM** Silty Gravels, Gravel-Sand-Silt Mixtures
- GP** Poorly Graded Gravels, Gravel-Sand Mixtures, Little or No Fines
- ML** Inorganic Silts and Very Fine Sands, Silty Clayey Fine Sands
- NR** No Recovery, No Information for Location

**SP-SM** - Indicates Grades Between Two Classifications  
**SP/ML** / Indicates Interbedded Layers

Bold Font numbers below wells denote March 2014 GRPH concentrations in ug/L  
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 NA = Groundwater Elevation is Not Available due to restricted access in 2" casing  
 DRY-TP = indicates the top of the pump was above the water table

- OL** Organic Silts and Very Fine Sands, Silty Clayey Fine Sands
- SM** Silty Sands, Sand-Clay Mixtures
- SP** Poorly Graded Sands, Gravelly Sand, Little or No Fines
- SW** Well Graded Sands, Little to No Fines or Gravel
- Fill** Silty Sands With Gravel

(Only wells within 15 feet of transect line are displayed)

MW50 (11' N) (Sample Location Offset Direction of Cross Section)

Borehole

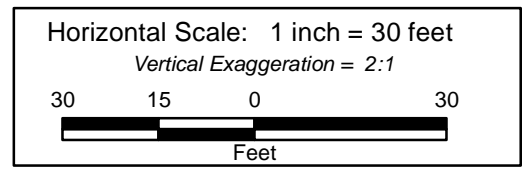
- Well Casing
  - red - remediation well
  - blue - former remediation well
  - black - monitoring well
- Well Screen
  - red - GRPH detected
  - black - GRPH non-detected

- Water Bearing Zone (WBZ)
- Water Elevations (March/April 2014)
  - ▲ Upper WBZ
  - ▼ Intermediate WBZ
  - ▼ Lower WBZ
  - ▼ Well Screen Crosses Multiple WBZs



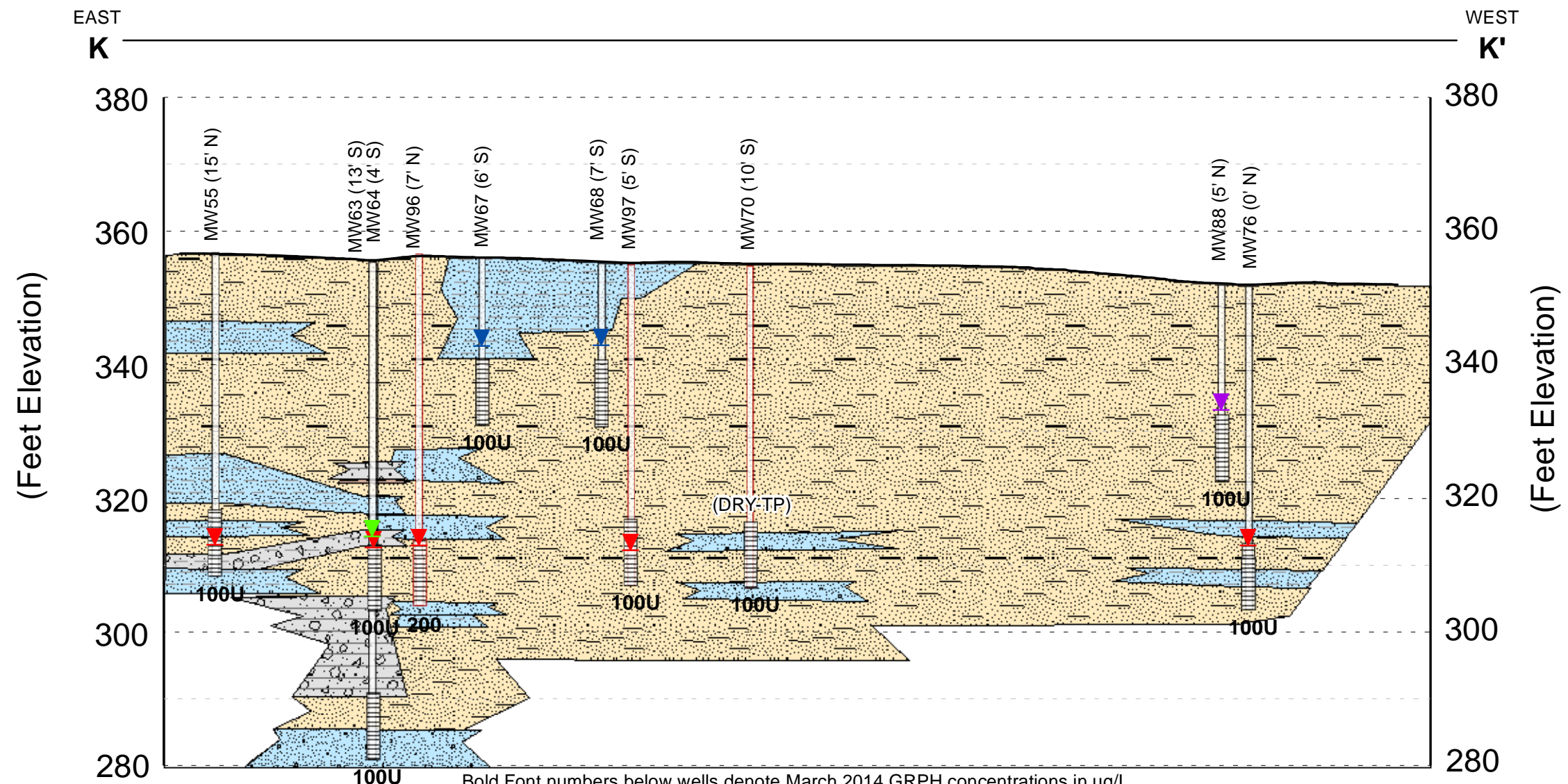
DATE DRAWN:..... 1/13/2015  
 DRAWN BY:..... M.S.  
 CHECKED BY:..... R.B.  
 FILE NAME: ..... XSectionJ.mxd

PROJECT NAME:..... TOC Holdings Co. Facility 01-176  
 PROJECT NUMBER:..... 203714085 105A  
 STREET ADDRESS:..... 24205-24309 56th Avenue West  
 CITY, STATE: ..... Mountlake Terrace, Washington



**FIGURE 10  
CROSS SECTION J-J'**

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Bold Font numbers below wells denote March 2014 GRPH concentrations in ug/L  
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 NA = Groundwater Elevation is Not Available due to restricted access in 2" casing  
 DRY-TP = indicates the top of the pump was above the water table

**Legend**

- GM** Silty Gravels, Gravel-Sand-Silt Mixtures
- GP** Poorly Graded Gravels, Gravel-Sand Mixtures, Little or No Fines
- ML** Inorganic Silts and Very Fine Sands, Silty Clayey Fine Sands
- NR** No Recovery, No Information for Location

**SP-SM** - Indicates Grades Between Two Classifications  
**SP/ML** / Indicates Interbedded Layers

- OL** Organic Silts and Very Fine Sands, Silty Clayey Fine Sands
- SM** Silty Sands, Sand-Clay Mixtures
- SP** Poorly Graded Sands, Gravelly Sand, Little or No Fines
- SW** Well Graded Sands, Little to No Fines or Gravel
- Fill** Silty Sands With Gravel

(Only wells within 15 feet of transect line are displayed)

MW50 (11' N) (Sample Location Offset Direction of Cross Section)

Borehole

- Well Casing**  
 red - remediation well  
 blue - former remediation well  
 black - monitoring well
- Well Screen**  
 red - GRPH detected  
 black - GRPH non-detected

- Water Bearing Zone (WBZ)**
- Water Elevations (March/April 2014)**
- Upper WBZ
  - Intermediate WBZ
  - Lower WBZ
  - Well Screen Crosses Multiple WBZs



DATE DRAWN:..... 1/13/2015  
 DRAWN BY:..... M.S.  
 CHECKED BY:..... R.B.  
 FILE NAME: ..... XSectionK.mxd

PROJECT NAME:..... TOC Holdings Co. Facility 01-176  
 PROJECT NUMBER:..... 203714085 105A  
 STREET ADDRESS:..... 24205-24309 56th Avenue West  
 CITY, STATE: ..... Mountlake Terrace, Washington

Horizontal Scale: 1 inch = 40 feet  
 Vertical Exaggeration = 2:1

**FIGURE 11  
 CROSS SECTION K-K'**

Path: Z:\Users\Michelle\WORK\Stantec\TOC Holdings Co. Facility 01-176\XSectionK.mxd