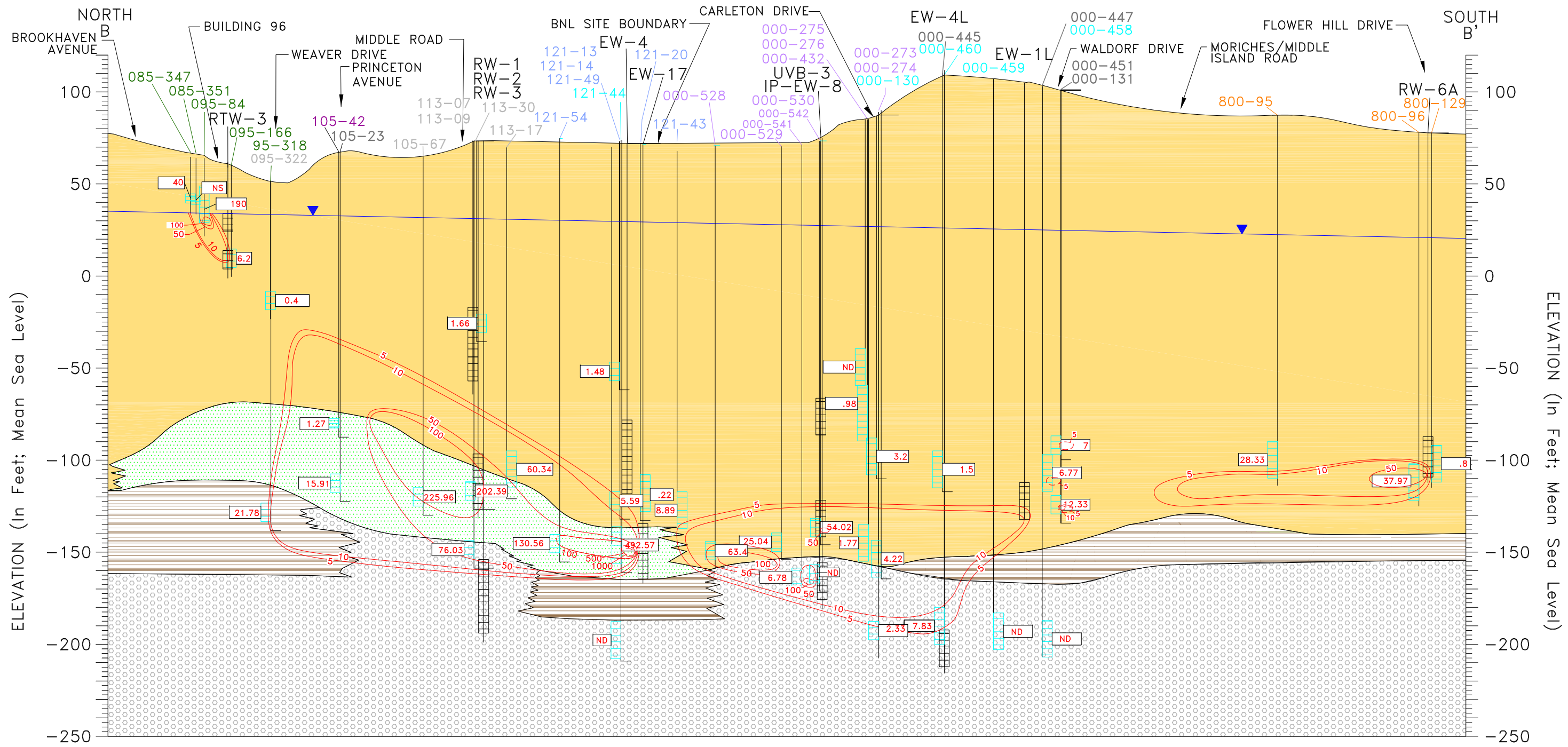


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**LEGEND**

<p>Upper Glacial aquifer</p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4b084; border: 1px solid black; margin-right: 5px;"></span> UG Upper Glacial Sands</li> <li><span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, #f4b084 2px, #f4b084 4px); border: 1px solid black; margin-right: 5px;"></span> UC Upper Glacial Silts &amp; Clays</li> <li><span style="display: inline-block; width: 15px; height: 10px; background: radial-gradient(circle, #f4b084 1px, transparent 1px); background-size: 4px 4px; border: 1px solid black; margin-right: 5px;"></span> UU Upton Unit</li> </ul>	<p>Gardiners Clay</p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, #c8e6c9 2px, #c8e6c9 4px); border: 1px solid black; margin-right: 5px;"></span> GL Gardiners Clay</li> <li><span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, #c8e6c9 2px, #c8e6c9 4px); border: 1px solid black; margin-right: 5px;"></span> GS Gardiners Clay - Silt</li> </ul>	<p>Magothy aquifer</p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, #e0e0e0 2px, #e0e0e0 4px); border: 1px solid black; margin-right: 5px;"></span> MA Magothy Sands and Clay</li> <li><span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, #e0e0e0 2px, #e0e0e0 4px); border: 1px solid black; margin-right: 5px;"></span> MB Magothy Brown Clay</li> <li><span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, #e0e0e0 2px, #e0e0e0 4px); border: 1px solid black; margin-right: 5px;"></span> MC Magothy Clays (undiff)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, #e0e0e0 2px, #e0e0e0 4px); border: 1px solid black; margin-right: 5px;"></span> MO Magothy - OTHER</li> </ul>	<p>000-114 BNL Well ID</p> <ul style="list-style-type: none"> <li><span style="color: red;">1.84</span> TVOC Concentration (µg/L)</li> <li><span style="color: red;">ND</span> Not detected at or above laboratory method detection limits</li> <li><span style="color: red;">NS</span> Not Sampled</li> <li><span style="color: red;">-50</span> TVOC Contour (µg/L) (Dashed Where Inferred)</li> <li><span style="border: 1px solid blue; padding: 2px;"> </span> Monitoring Well Screen</li> <li><span style="border: 1px solid black; padding: 2px;"> </span> Extraction Well Screen</li> </ul>	<p><span style="color: blue;">▼</span> Water Table As Of December 5-9, 2016</p> <p>TVOC - Total Volatile Organic Compound</p> <p>µg/L - Micrograms Per Liter</p>	<p>Monitoring Well IDs are stacked in order of the depth of the well from shallow to deep</p> <p>121-13 121-14 121-49</p>	<p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>1) GEOLOGIC INFORMATION SHOWN IS BASED ON ADDITIONAL EXPLORATIONS (e.g., HYDROPUNCHES, GEOPROBES, VERTICAL PROFILES, AND/OR TEST WELLS) DOCUMENTED IN PREVIOUS, MORE DETAILED REPORTS, 2001 PREDESIGN CHARACTERIZATION, AND WELL 105-22 SAMPLING EVENT APRIL 2005.</li> <li>2) PLUME DISTRIBUTION IS BASED ON FOURTH QUARTER 2016 OU III SAMPLING EVENT AND DATA FROM WELLS USED FOR OU III AOC 29 (HFBR) MONITORING. THIS DATA IS SUPPLEMENTED WITH SAMPLING EVENTS FOR BGRR, BUILDING 96, INDUSTRIAL PARK, CARBON TETRACHLORIDE, MIDDLE ROAD, AND OFFSITE CHARACTERIZATION DATA.</li> <li>3) CONTOUR INTERVAL IS AS SHOWN.</li> <li>4) BNL WELL ID COLOR CORRESPONDS TO LONG-TERM MONITORING WELL LOCATION MAP.</li> </ol>
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**HORIZONTAL SCALE**  
0 500 1000 FEET



TITLE: **OU III TVOC HYDROGEOLOGIC CROSS SECTION (B-B')**

2016 BNL GROUNDWATER STATUS REPORT

DWN: AJZ	VT:HZ.: 20:1	DATE: 06/14/17	PROJECT NO.: -
CHKD: JEB	WRD: -	REV.: -	NOTES: -
FIGURE NO.: 3.2-2			