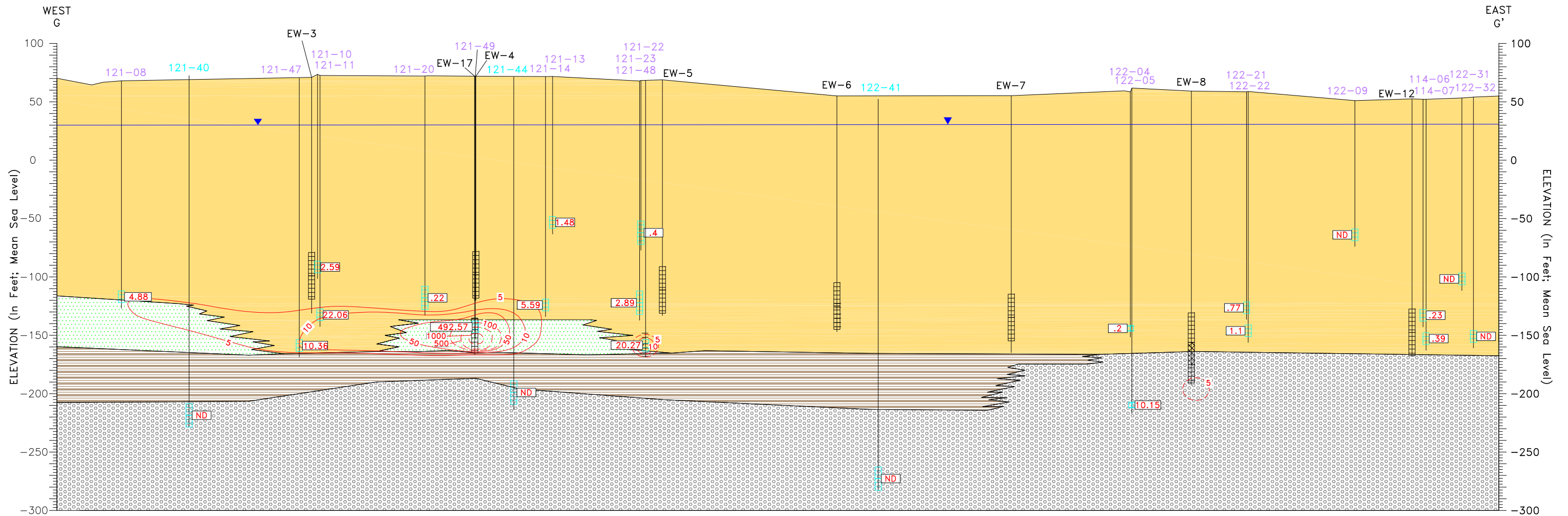


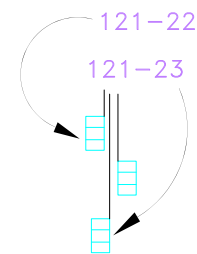
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LEGEND

- |                                |                           |               |  |
|--------------------------------|---------------------------|---------------|--|
| <b>Upper Glacial aquifer</b>   | <b>Magothy aquifer</b>    | <b>121-07</b> | <b>BNL Well ID</b>   |
| UG Upper Glacial Sands         | MA Magothy Sands and Clay | <b>21.62</b>  | <b>TVOC Concentration (µg/L)</b>   |
| UC Upper Glacial Silts & Clays | MB Magothy Brown Clay     | <b>-50-</b>   | <b>TVOC Contour (µg/L)</b><br>(Dashed Where Inferred)                              |
| UU Upton Unit                  | MC Magothy Clays (undiff) | <b>ND</b>     | <b>Indicates not detected</b><br>at or above laboratory<br>method detection limits |
| <b>Gardiners Clay</b>          | MO Magothy - OTHER        |               | <b>Monitoring Well Screen</b>  |
| GL Gardiners Clay              |                           |               | <b>Extraction Well Screen</b>  |
| GS Gardiners Clay - Silt       |                           |               |  |

Monitoring Well IDs are stacked in order of the depth of the well from shallow to deep



Water Table As Of December 5-9, 2016

TVOC - Total Volatile Organic Compound

µg/L - Micrograms Per Liter

HORIZONTAL SCALE  
0 50 100 FEET

NOTES:

- 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.
- 2) PLUME DISTRIBUTION IS BASED ON FOURTH QUARTER 2016 OU III SAMPLING EVENTS.
- 3) CONTOUR INTERVAL IS AS SHOWN.
- 4) BNL WELL ID COLOR CORRESPONDS TO LONG-TERM MONITORING PROGRAM COLOR CODE.



ENVIRONMENTAL PROTECTION DIVISION

TITLE:

OU III SOUTH BOUNDARY AREA  
TVOC HYDROGEOLOGIC CROSS SECTION (G-G')

2016 BNL GROUNDWATER STATUS REPORT

DWN: AJZ	VT:HZ.: 2:1	DATE: 06/14/17	PROJECT NO.: -
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CHKD: JEB	APPD: WRD	REV.: -	NOTES: -
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FIGURE NO.: 3.2.4-2