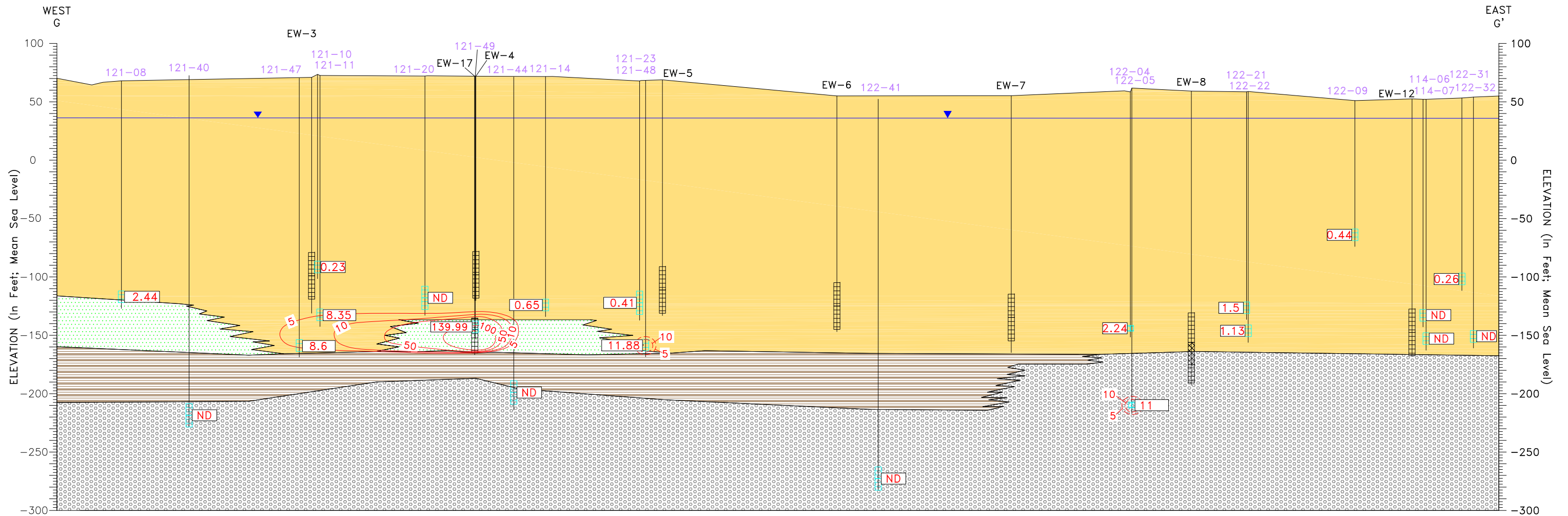


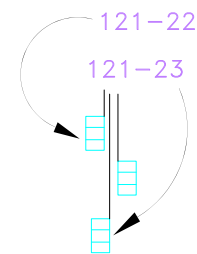
P:\2016\BNLab\16-02 EPD\Task 25 2019 Annual GW Report\Report\2020-06-12\Figures\ACAD\Figures\Fig_3-02-04-02_061220.dwg



LEGEND

- | | | |
|--------------------------------|---------------------------|---|
| Upper Glacial aquifer | Magothy aquifer | 121-07 BNL Well ID |
| UG Upper Glacial Sands | MA Magothy Sands and Clay | 21.62 TVOC Concentration (µg/L) |
| UC Upper Glacial Silts & Clays | MB Magothy Brown Clay | -50- TVOC Contour (µg/L)
(Dashed Where Inferred) |
| UU Upton Unit | MC Magothy Clays (undiff) | ND Indicates not detected
at or above laboratory
method detection limits |
| Gardiners Clay | MO Magothy - OTHER | Monitoring Well Screen |
| GL Gardiners Clay | | Extraction Well Screen |
| 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
JAN. 8 - Jan 10, 2020

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 2019 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')

2019 BNL GROUNDWATER STATUS REPORT

DWN: AJZ	VT:HZ.: 2:1	DATE: 06/12/20	PROJECT NO.: -
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CHKD: WRD	APPD: WRD	REV.: -	NOTES: -
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FIGURE NO.:	3.2.4-2
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