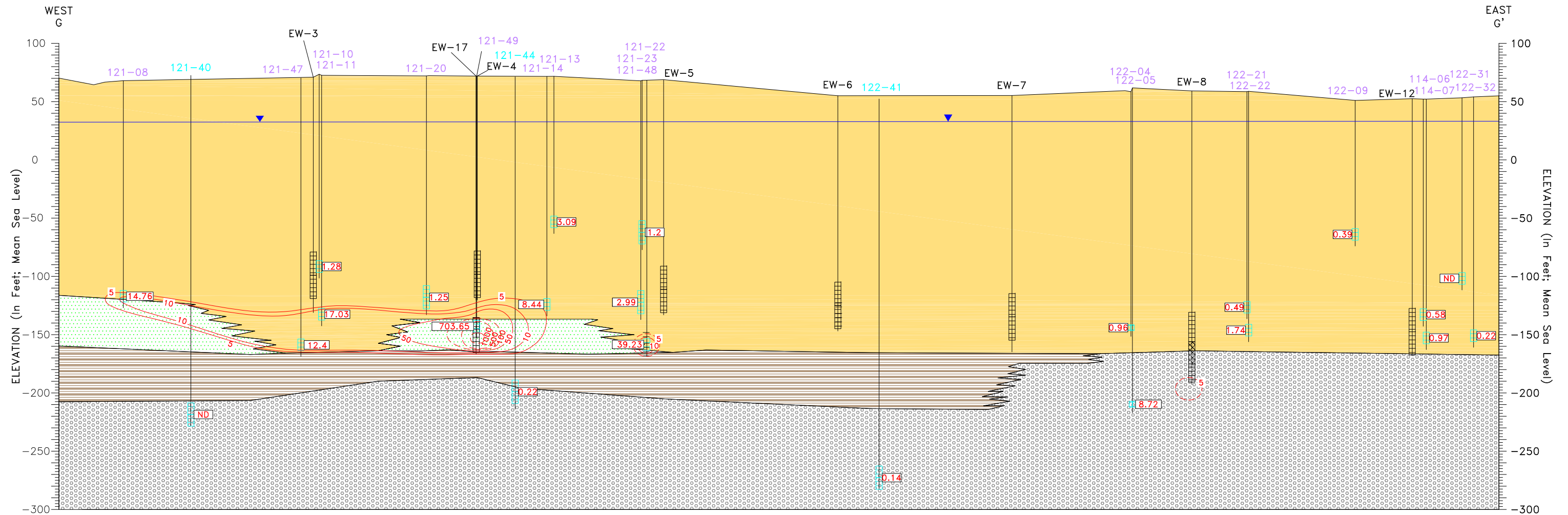


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LEGEND

Upper Glacial aquifer

- UG Upper Glacial Sands
- UC Upper Glacial Silts & Clays
- UU Upton Unit

Gardiners Clay

- GL Gardiners Clay
- GS Gardiners Clay - Silt

Magothy aquifer

- MA Magothy Sands and Clay
- MB Magothy Brown Clay
- MC Magothy Clays (undiff)
- MO Magothy - OTHER

- BNL Well ID
- TVOC Concentration ($\mu\text{g/L}$)
- TVOC Contour ($\mu\text{g/L}$) (Dashed Where Inferred)
- Indicates not detected at or above laboratory method detection limits

- Monitoring Well Screen
- Extraction Well Screen

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

Water Table As Of December 7-11, 2015

TVOC - Total Volatile Organic Compound
 $\mu\text{g/L}$ - Micrograms Per Liter

HORIZONTAL SCALE
0 50 100 FEET

NOTES:

- GEOLOGIC INFORMATION SHOWN IS BASED ON ADDITIONAL EXPLORATIONS (e.g., HYDROPUNCHES, GEOPROBES, VERTICAL PROFILES, AND/OR TEST WELLS) DOCUMENTED IN PREVIOUS, MORE DETAILED REPORTS.
- PLUME DISTRIBUTION IS BASED ON FOURTH QUARTER 2015 OU III SAMPLING EVENTS.
- CONTOUR INTERVAL IS AS SHOWN.
- BNL WELL ID COLOR CORRESPONDS TO LONG-TERM MONITORING PROGRAM COLOR CODE.

BROOKHAVEN
NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

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

2015 BNL GROUNDWATER STATUS REPORT

DWN:	AJZ	VT:HZ.:	2:1	DATE:	06/14/16	PROJECT NO.:	—
CHKD:	JEB	APPD:	WRD	REV.:	—	NOTES:	—

FIGURE NO.:

3.2.4-2