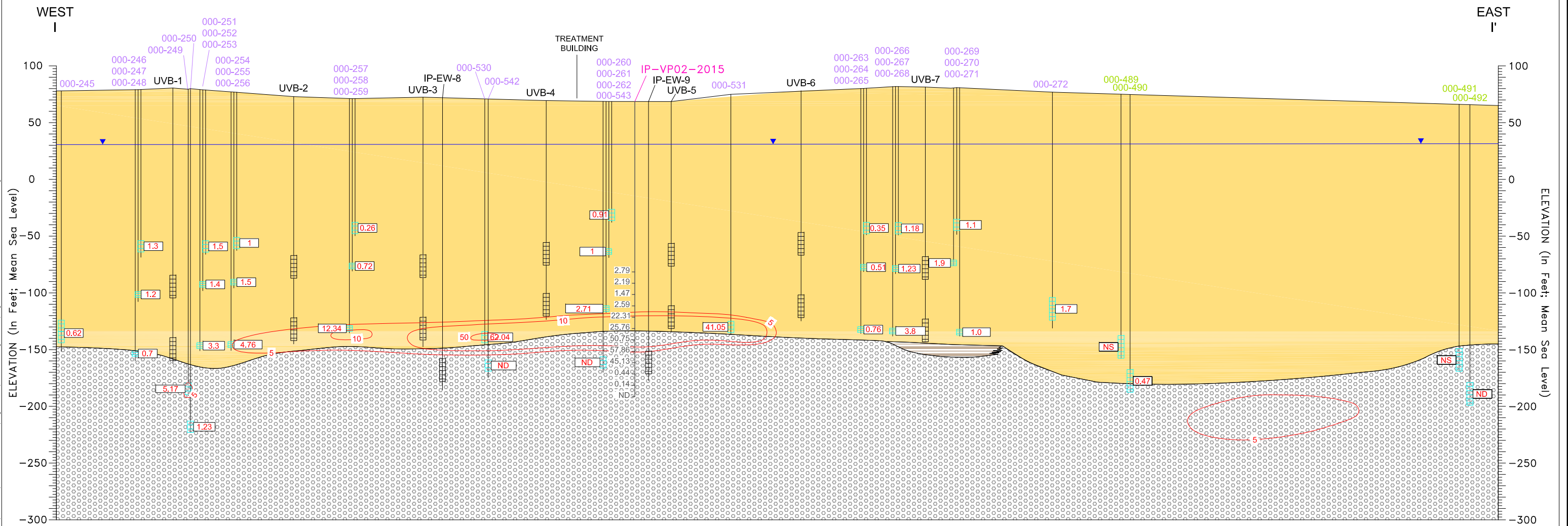


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LEGEND

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

- 000-492 BNL Well ID
- 1.14 TVOC Concentration ($\mu\text{g/L}$)
- 50 TVOC Contour ($\mu\text{g/L}$) (Dashed Where Inferred)
- Monitoring Well Screen
- Extraction Well Screen

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

000-263
000-264
000-265

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: 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 2015 OU III SAMPLING EVENT.
- 3) CONTOUR INTERVAL IS AS SHOWN.
- 4) BNL WELL ID COLOR CORRESPONDS TO LONG-TERM MONITORING PROGRAM COLOR CODE.

BROOKHAVEN
NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

OU III INDUSTRIAL PARK AND INDUSTRIAL PARK EAST TVOC HYDROGEOLOGIC CROSS SECTION (I-I')

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.:		3.2.6-2	