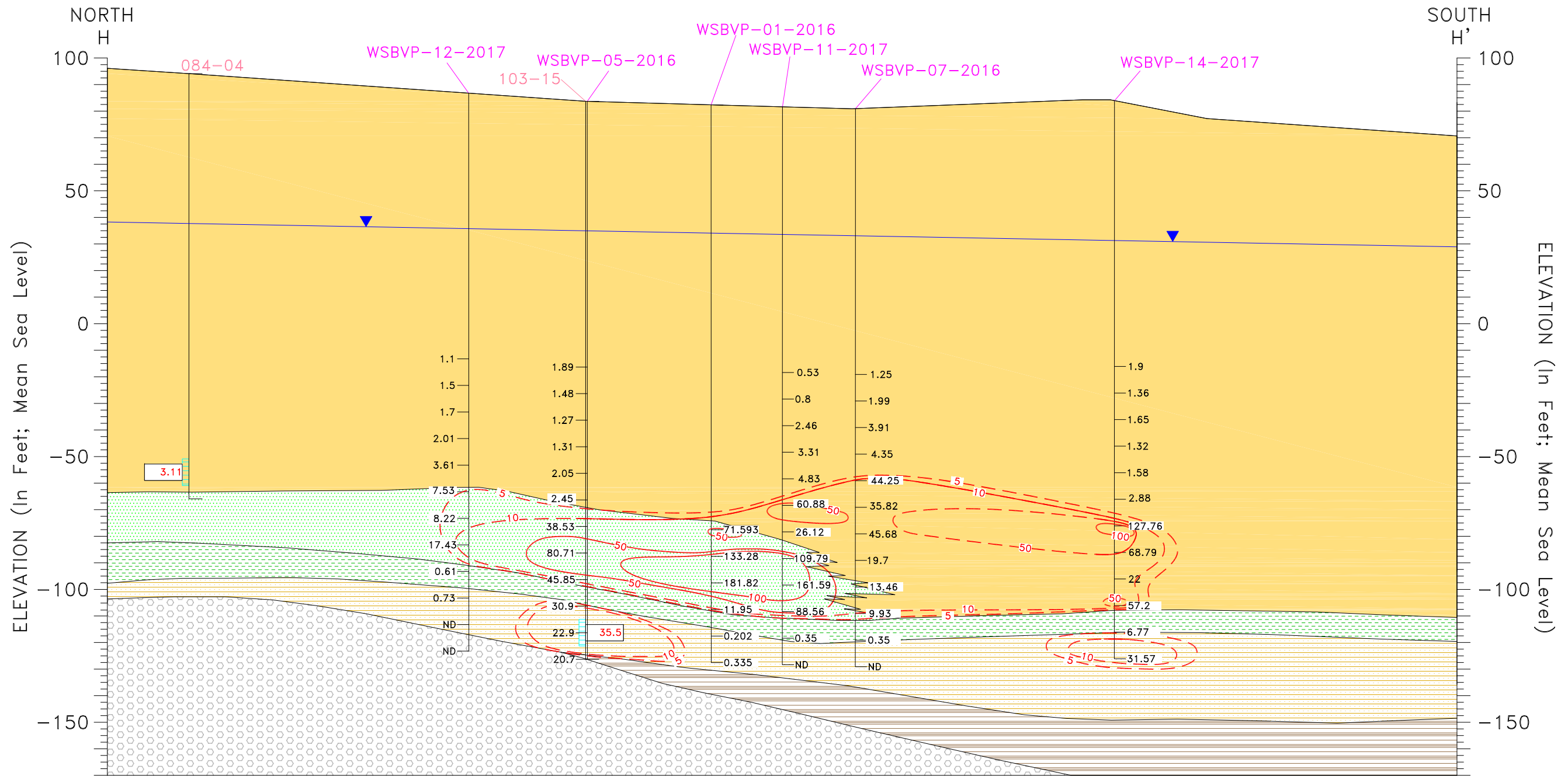


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LEGEND

Upper Glacial aquifer

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

Gardiners Clay

- GL Gardiners Clay
- GS Gardiners Clay - Silt

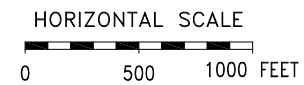
Magothy aquifer

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

087-21 BNL Well ID

- ND Indicates not detected at or above laboratory method detection limits
- 7.54 TVOC Concentration ($\mu\text{g/L}$)
- 5 - TVOC Contour ($\mu\text{g/L}$) (Dashed Where Inferred)
- Monitoring Well Screen
- Extraction Well Screen

- Water Table As Of Dec. 5-9, 2016
- TVOC- Total Volatile Organic Compound
- $\mu\text{g/L}$ - Micrograms Per Liter



NOTES:

- 1) GEOLOGIC INFORMATION SHOWN IS BASED ON ADDITIONAL EXPLORATIONS (e.g., HYDROPUNCHES, GEOPROBES, VERTICAL PROFILES, AND/OR TEST WELLS) DOCUMENTED IN PREVIOUS, CHARACTERIZATION REPORTS.
- 2) PLUME DISTRIBUTIONS BASED ON FOURTH QUARTER 2016 SAMPLING EVENTS, SUPPLEMENTED WITH THIRD QUARTER MONITORING DATA TO PROVIDE ADEQUATE AREAL COVERAGE.
- 3) CONTOUR INTERVAL IS AS SHOWN.
- 4) BNL WELL ID COLOR CORRESPONDS TO LONG-TERM MONITORING PROGRAM WELL LOCATION MAP.



ENVIRONMENTAL PROTECTION DIVISION

TITLE:

OU III WESTERN SOUTH BOUNDARY
TVOC HYDROGEOLOGIC CROSS SECTION (H-H')

2016 BNL GROUNDWATER STATUS REPORT

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

FIGURE NO.: 3.2.5-2