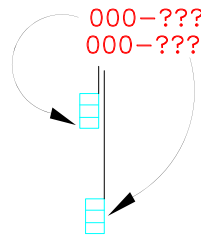


**LEGEND**

- |                                |                                     |
|--------------------------------|-------------------------------------|
| <b>Upper Glacial aquifer</b>   | <b>Magothy aquifer</b>              |
| UG Upper Glacial Sands         | MA Magothy Sands and Clay           |
| UC Upper Glacial Silts & Clays | MB Magothy Brown Clay               |
| UU Upton Unit                  | MC Magothy Clays (undifferentiated) |
| <b>Gardiners Clay</b>          | MO Magothy - OTHER                  |
| GL Gardiners Clay              |                                     |
| GS Gardiners Clay - Silt       |                                     |

- 000-394 BNL Well ID**
- ND** Indicates not detected at or above laboratory method detection limits
  - NS** Indicates not sampled
  - .061** Ethylene dibromide (EDB) Concentration ( $\mu\text{g/L}$ )
  - 0.05** EDB Contour ( $\mu\text{g/L}$ ) (Dashed Where Inferred)

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



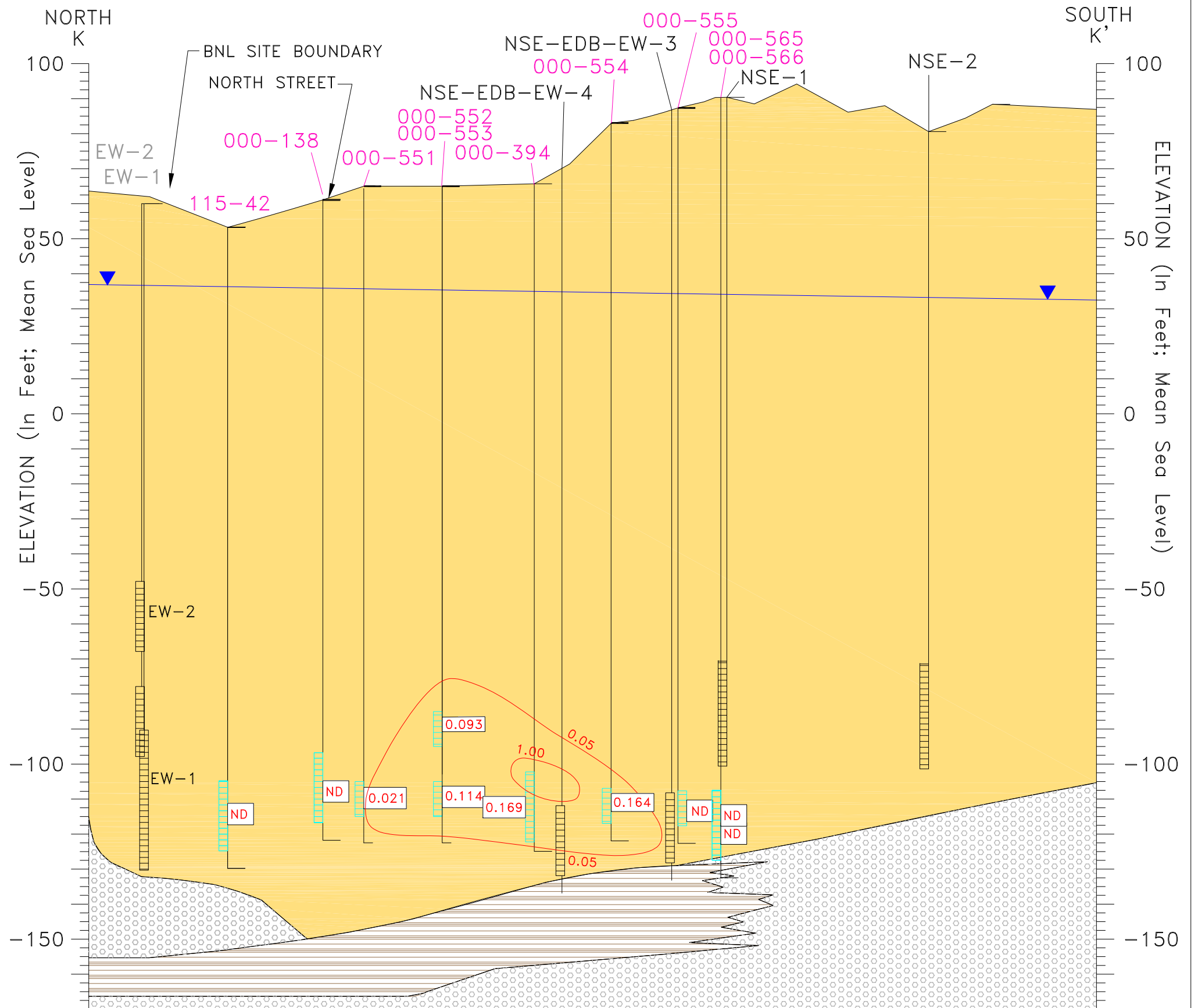
$\mu\text{g/L}$  - Micrograms Per Liter

Water Table As Of Jan. 2020

Monitoring Well Screen  
 Extraction Well Screen

**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) EDB EXTENT IS BASED ON FORTH QUARTER 2019 OU VI SAMPLING EVENT.
- 3) RESULTS BASED ON EPA METHOD 504.
- 4) CONTOUR INTERVAL IS AS SHOWN.



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ENVIRONMENTAL PROTECTION DIVISION

TITLE:

**OU III NORTH STREET EAST  
EDB HYDROGEOLOGIC CROSS SECTION (K-K')**

2019 BNL GROUNDWATER STATUS REPORT

DWN: AJZ	VT:HZ.: 20: 1	DATE: 06/12/20	PROJECT NO.: -
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CHKD: WRD	APPD: WRD	REV.: -	NOTES: -
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FIGURE NO.:	3.2.9-3
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