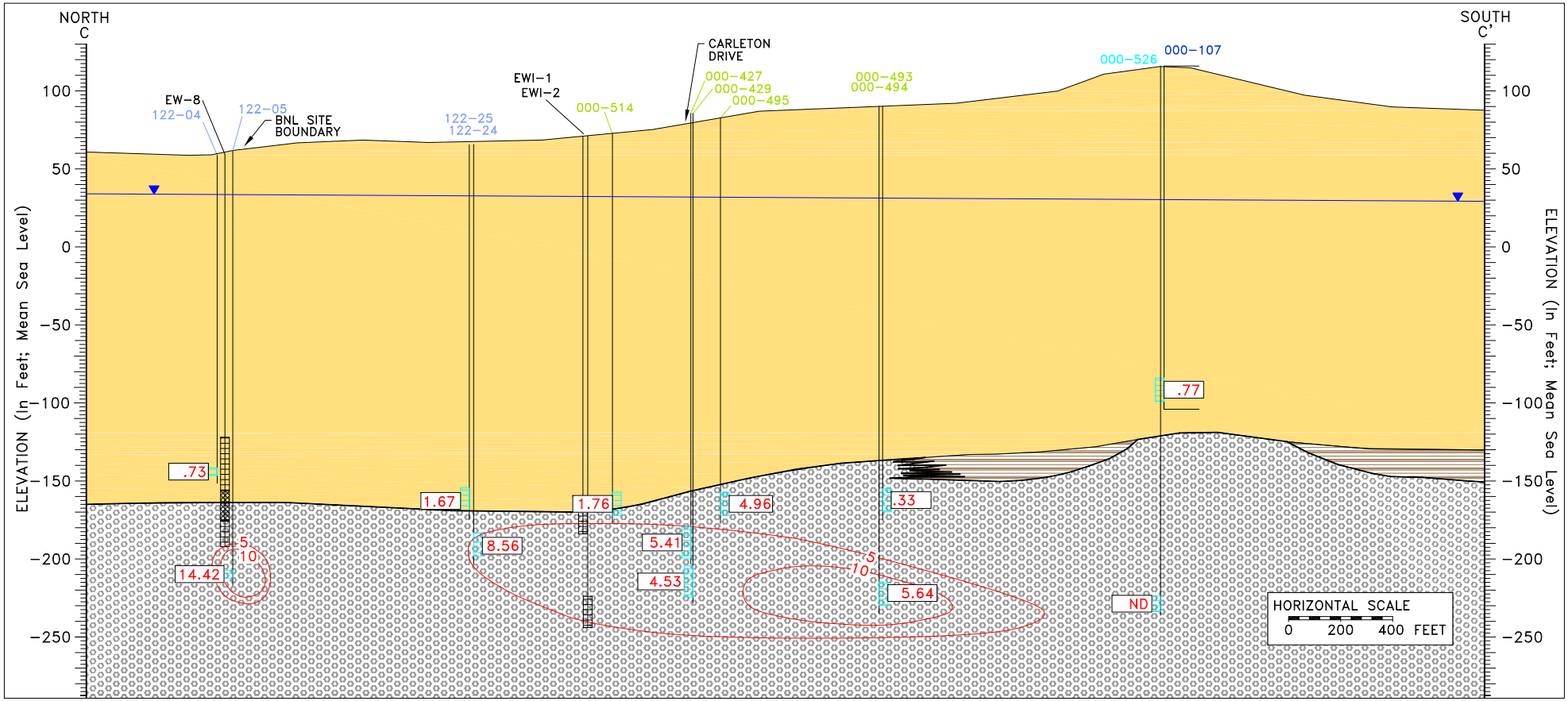


## LEGEND

**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 (µg/L)

50 TVOC Contour (µg/L) (Dashed Where Inferred)

Monitoring Well Screen

Extraction Well Screen

Water Table As Of November 26–30, 2012

TVOC – Total Volatile Organic Compound

µg/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, MORE DETAILED REPORTS.
2) PLUME DISTRIBUTION IS BASED ON FOURTH QUARTER 2012 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 EAST TVOC HYDROGEOLOGIC CROSS SECTION (C–C')
2012 BNL GROUNDWATER STATUS REPORT

| DWN: | VT: HZ.: | DATE: | PROJECT NO.: |
|---|---|---|---|
| AJZ | – | 06/12/13 | – |
| CHKD: JRH | APPD: VJR | REV.: – | NOTES: – |
| FIGURE NO.: 3.2.7–2 | | | |

\\OERNT\GIS\GW_PROJECTS\CY_2012_GW_REPORT\FINAL_FIGURES\FIG_3.02.07-02 061213.DWG