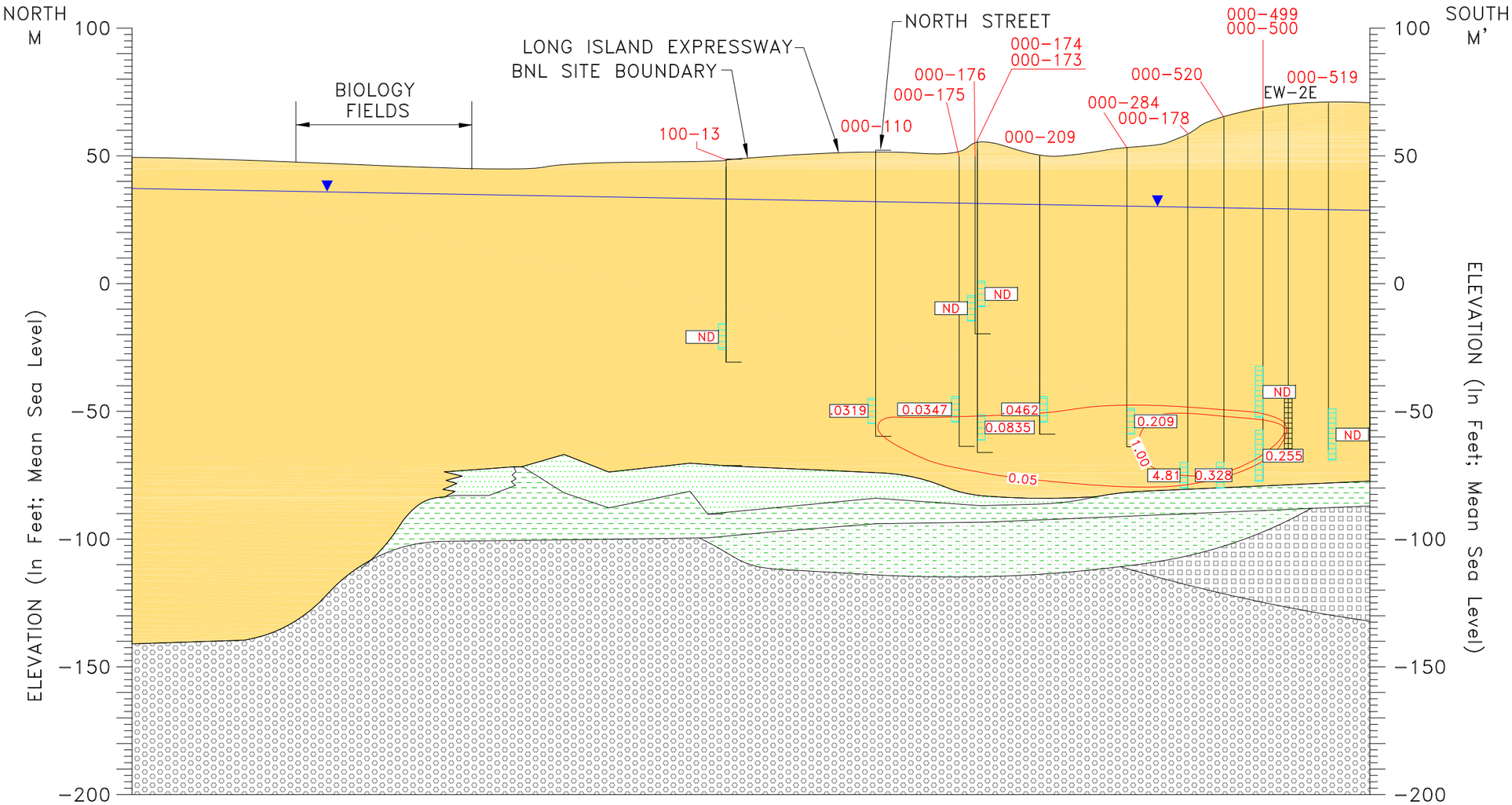

LEGEND

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

000–110 BNL Well ID

ND Indicates not detected at or above laboratory method detection limits

NS Indicates not sampled

.061 Ethylene dibromide (EDB) Concentration (µg/L)

0.05 EDB Contour (µg/L) (Dashed Where Inferred)

µg/L – Micrograms Per Liter

Water Table As Of November 26–30, 2012

Monitoring Well Screen

Extraction Well Screen

HORIZONTAL SCALE

0 750 1500 FEET

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

000–499
000–500

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 FOURTH QUARTER 2012 OU VI SAMPLING EVENTS.

3) RESULTS BASED ON EPA METHOD 504.

\\OERNT\GIS\GW_PROJECTS\CY_2012_GW_REPORT\FINAL_FIGURES\FIG_3.05-02 061213.DWG

BROOKHAVEN NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

OU VI
EDB HYDROGEOLOGIC CROSS SECTION (M–M')

2012 BNL GROUNDWATER STATUS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
AJZ	25:1	06/12/13	–
CHKD:	APPD:	REV.:	NOTES:
JEB	WRD	–	–
FIGURE NO.:			
3.5–2			